



# Vasont New Features List

**Version ST 2.15.1**

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# Vasont Documentation

This document provides a brief explanation of the new features in Vasont ST. This document includes all features that have been developed since the release of version 12.0.

Refer to the Vasont document set for instructions on how to use these features in detail. Compiled help files are delivered with the software and can be accessed by going to **HELP** on the main menu of the application. PDFs of the entire document set can be downloaded from the Users' Zone at [www.vasont.com](http://www.vasont.com).

The Vasont document set includes:

- *Vasont User Guide*
- *Vasont Administrator Guide*
- *Vasont Universal Integrator (VUI) Guides* for:
  - Arbortext Editor
  - FrameMaker
  - XMetaL
  - oXygen
- *Vasont Processing Options Guide*
- *Vasont Programming Interface (API) Guide*

The *DITA 1.2 Upgrade Report* is available on the User' Zone. This document outlines the new components and attributes in DITA version 1.2, and where they are placed in a typical Vasont DITA configuration. The report can be downloaded and used as a guide for implementing a new component or attribute from the DITA 1.2 specification into your configuration.



# Release ST

## Vasont Editorial Environment

The items in this section are grouped by feature and outline the enhancements and new features in the Vasont editorial environment for Vasont ST. This is a major release that includes items that have been developed since release 12.0.

### Modular Content

- **Content Branches**

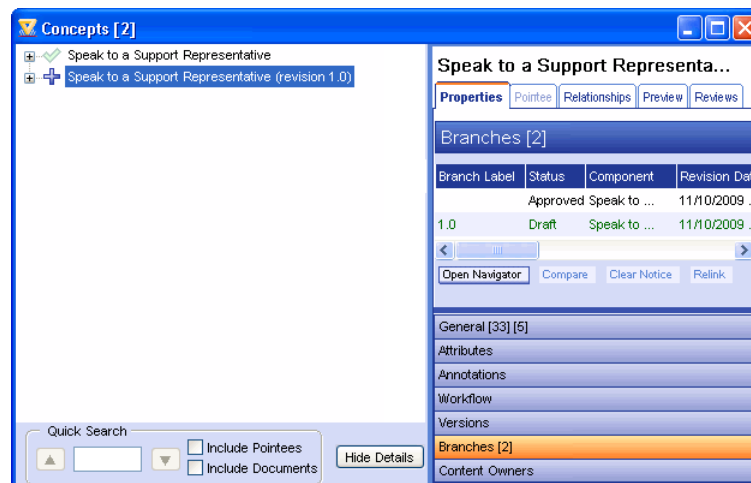
Frequently, clients have the need to work on multiple versions of the same content simultaneously. Vasont branches are provided to simplify this process for the user. The Branch feature provides the ability to track and manage changes to multiple versions of modular content. A Branch is a copy of a primary component that maintains a link to the source from which it was created. *Branch Notices* and *Notifications* alert other users who also reference the content and allows them to evaluate the changes and link to the branch that best suits their document.

Branches are created by right-clicking on a primary component and selecting **Actions** → **Create Branch**. A label is applied to the duplicated primary and is displayed along with the primary text in the navigator. Comments can also be added for further detail about the new branch.

The *populate\_revision\_attribute* processing option can be applied to automatically populate a specified attribute with the label value. When the XML is extracted, the content will be marked with the specific branch identification that is pulled from Vasont.

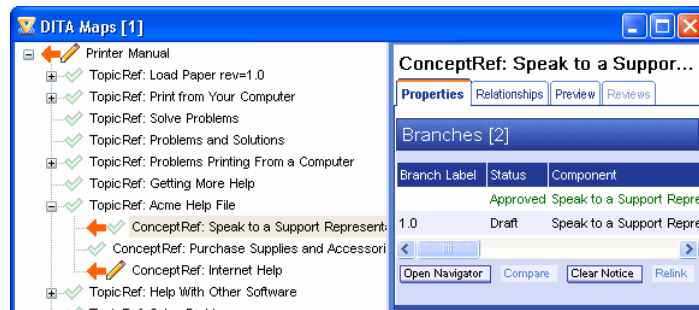
The Branch evolves independently of its source. This means that a change made to a source or branch will not automatically propagate to related branches. In addition, a Branch may be checked out individually and have its own separate workflow from the source from which it was created.

The Details Pane contains a Properties information bar for Branches. The Branches of the selected primary are listed in the pane, as well as buttons that allow you to open a navigator or compare two branches.



Pointer components that reference a primary component with branches will be marked with an arrow icon, referred to as a Branch Notice. When a pointer component is selected in the navigator, the Branches information bar

will allow you to relink to a selected branch and remove the Branch Notice icon. (This behavior requires the Branch Notices box to be checked on the component's Pointer tab in the Vasont Administrator.)

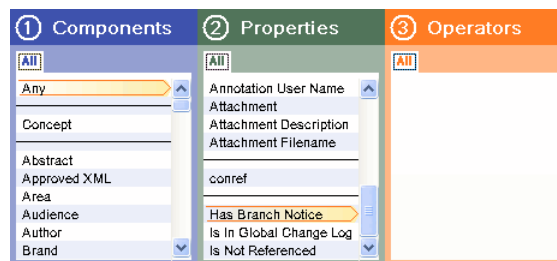


The Branch Compare shows the content differences between the current branch (highlighted in the navigator) and a selected branch (highlighted in the Branches information bar). Note that the Branch Window shows the earliest branch first, followed by later branches in chronological order.



When the branch is approved, notifications will be sent to the owners of other content that contain references to the source from which the branch was copied. This allows the user to determine whether they would like to continue linking to the original or if they would like to relink to the new branch. (This behavior requires the Branch Notices box to be checked on the component's Pointer tab in the Vasont Administrator.)

Components with Branch Notices can be searched for using the Advanced Query property of *Has Branch Notice*.



This feature was called “Revisions” when first introduced in version 12.2. It is now officially called “Branches.” It replaces the Pointer Log, therefore the following changes have been made in the user interface:

The Pointer Log option has been removed from the Views menu.

The Advanced Query property of *Is in Pointer Log* has been removed.

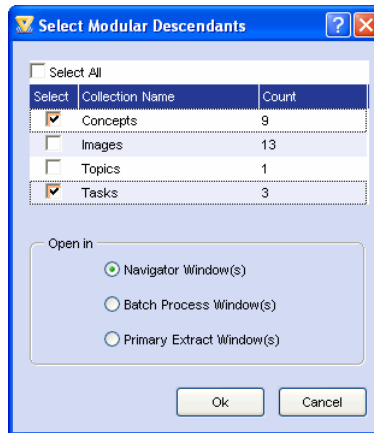
The Pointer Log option on the right-click Properties menu has been removed.

The Referenced By window no longer has the *Add to Pointer Log* button and the *Pointer Log Criteria* and *Pointer Log Status* columns.

## • Open Modular Content

Users frequently want to quickly see all the modular content related to their map or document. Therefore, a new right-click menu option is now available to open modular content related to a selected component. For example, if you click on a Chapter in a DITA BookMap collection, then this feature will give you the ability to open all modular content related to that Chapter and its descendants.

The right-click menu option will appear on primary and sub-components as long as there is at least one modular pointer defined in the collection. When **Actions** → **Open Modular Content** is selected, the *Select Modular Descendants* window will display and inform the user which collections have modular content related to the selected component and the number of primary components in each collection. At this point you can select one or more of the collections and the type of window in which the content should be displayed. The options are 1) Navigator window, 2) Batch process window, and 3) Primary extract window.

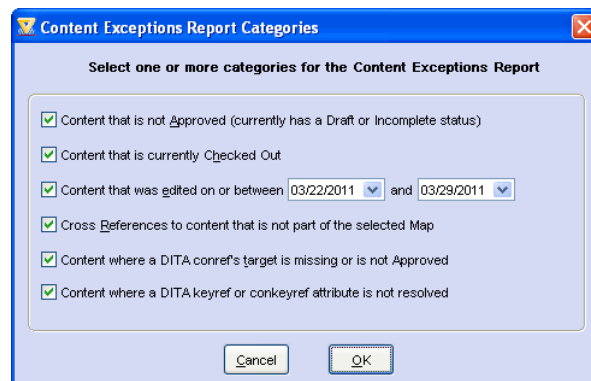


## • Content Exception Report

The Content Exception Report feature allows you to create a user specified report on a primary component and its referenced modular content. It is particularly useful for identifying items that may interfere with publishing, but may also be used for locating referenced modular content with specific criteria, such as status and edit dates.

It is available from any primary component's right-click **Actions** → **Content Exceptions Report** menu. Typically this report would be initiated from a DITA Map or Manual that references modular content. In order for modular content to be interrogated, the pointer components must be configured in the Vasont Administrator as “Modular Pointers.”

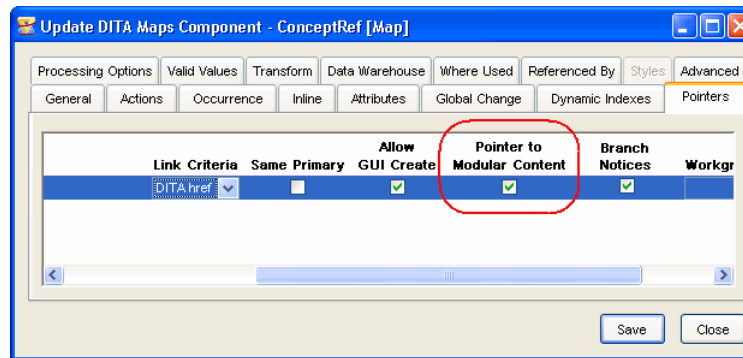
The user will select the items that they are interested in from the Content Exception Report Categories window. The initial release of this feature provides categories for component status, checkout status, edit dates, cross references, DITA keyref or conkeyrefs that cannot be resolved, and missing or draft DITA conrefs.



The category **Cross References to content that is not part of the selected Map** will check for cross reference pointer components and determine if the content that they point to is included in the base document. For exam-

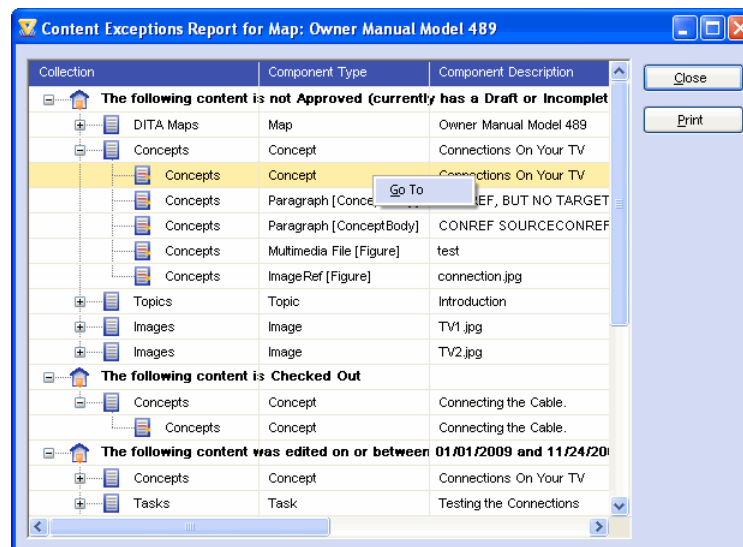
ple, consider a DITA Map that references a Concept. The Concept content contains an Xref component that references a Task. This report option will find the Xref in the Concept and check to see if the Task it references is also included in the Map content.

Accurate use of this option requires that your configuration defines pointer components to content in other collections as “modular” and cross references components as pointers. In the DITA Map example, the ConceptRef is configured as a modular pointer and the Xref is configured as a pointer component (rather than a text component). If you have a configuration that was built prior to the availability of the **Pointer to Modular Content** checkbox on the component's Pointers tab on the Edit view Update window, you will need to update the pointer records for modular content. See the *Vasont Administrator* for more information. If you have a DITA configuration where the Xref component is configured as a “text” component, see the *DITA href* enhancement in this document.



The category **Content where a DITA conref's target is missing or is not Approved** and **Content where a DITA keyref or conkeyref attribute is not resolved** will only display for DITA configurations. For more information on these categories, see the *DITA* section in this document.

The report displays with the results broken into category sections. The sections can be expanded or collapsed as needed. Primaries that contain a component that meets the selected category are listed within the category section. Expanding the primary will reveal the actual component and its detail. Right-clicking on a component and selecting **Go To** will display the component in a navigator for further examination.



The report can be printed by clicking the **Print** button. There are two options for the content that will appear in the report: one for printing the report items as they are currently displayed, and another for expanding all items.

## Controlled Vocabulary

- The Controlled Vocabulary feature allows organizations to define *allowed terms* to be used and *restricted terms* to be avoided in their documentation. The terms may be a single word or a phrase (multiple words separated by spaces).

By controlling the terminology that is used by the writers, documentation will be cleaner, more consistent, and less confusing to the consumer. It also maximizes content reuse for easier and faster revision cycles. Vasont has provided automated techniques for users to build Dictionaries from content in existing Vasont collections. Those dictionaries can then be edited like any other Vasont collection. Words in the dictionary that are misspelled as non-defined dictionary terms will be flagged when a check is performed.

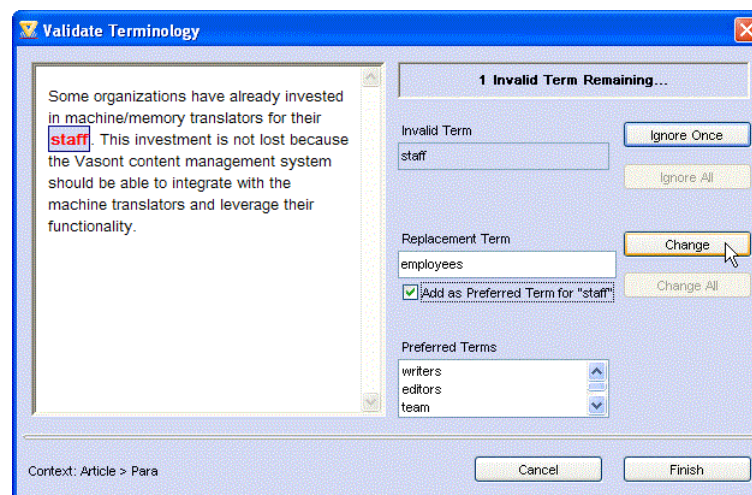
Vasont's Controlled Vocabulary feature currently supports two validation techniques: *dictionary validation* and *terminology validation*.

**Dictionary validation** verifies the legitimacy of the terms used in Vasont content. With this validation technique, the allowed terms collection in the vocabulary is the focal point of the validation process and contains a large list of terms, much like a dictionary. Dictionary validation is considered to be strict; any terms encountered in content that are not found in the allowed terms collection (not found in the dictionary) are considered to be invalid.

When using dictionary validation, the restricted terms collection can be used to extend and enhance the dictionary validation process. Even though the validation process is primarily driven by the allowed terms collection, the restricted terms collection can be used to list terms that should be avoided and identify preferred terms for those undesirable terms.

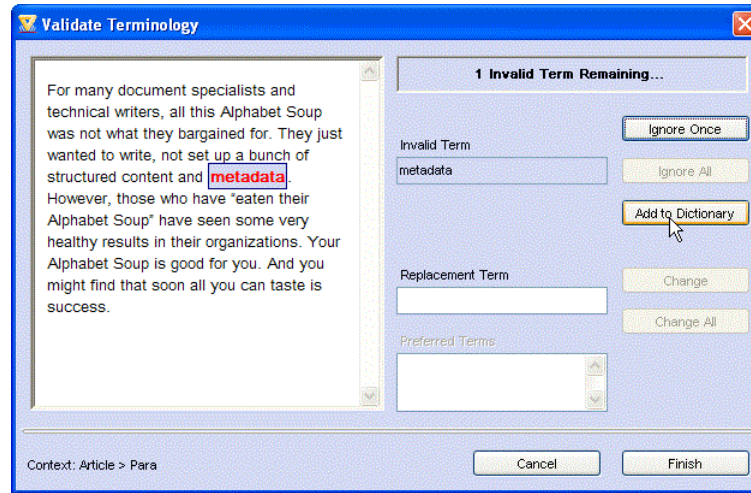
**Terminology validation** verifies word choice for Vasont content. With this validation technique, the restricted terms collection contains a list of terms that should not be used in Vasont content. Optionally, a restricted term can have child preferred terms, implemented as pointers to terms in the allowed terms collection. Terminology validation is considered to be loose; any terms encountered in content that are not found in the restricted terms collection are considered to be valid.

To validate the vocabulary, right-click on a component and select **Verify Vocabulary**. The Validate Terminology window appears and, one by one, highlights each invalid term.



Using terminology validation, the writer is given the choice to replace each term with a preferred term as designated in the allowed terms collection, or to enter a new replacement term. The writer can add the new replacement term to the allowed terms collection for future use if desired.

Using dictionary validation, the writer is given the choice to replace each term with a preferred term as designated in the allowed terms collection, or to add the existing term to the allowed terms collection (the dictionary) for future use if desired. In this validation technique, the writer does not have the option to create replacement terms.



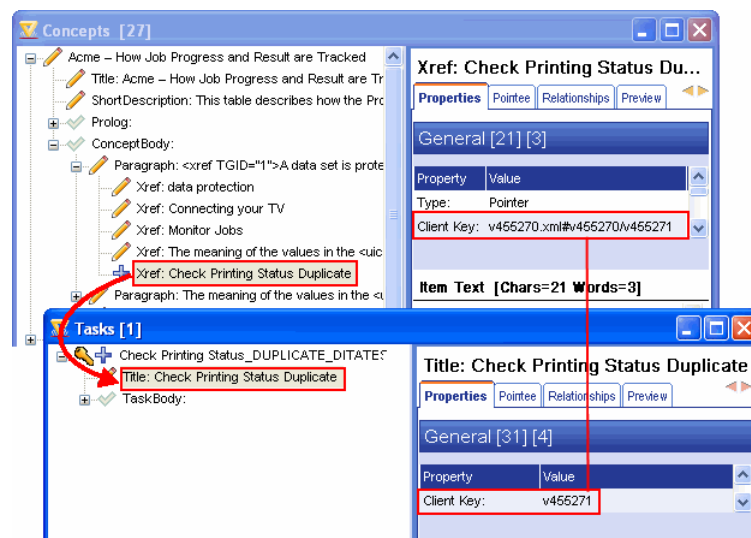
This functionality is achieved by building specific collections for the terms and applying new processing options, *validate\_against\_controlled\_vocabulary* and *add\_terms\_to\_controlled\_vocabulary*.

## DITA

### • DITA Href Support

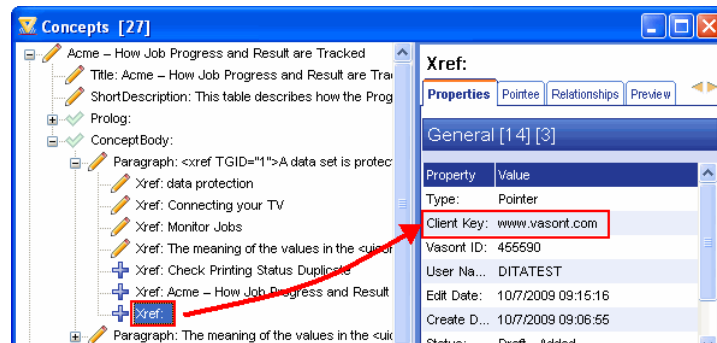
In earlier Vasont DITA configurations, the Xref component is defined as a text component and relies on the editorial tools to validate the reference. This software enhancement allows the Xref component to be switched to a pointer component in Vasont and take advantage of Vasont's link management features, such as Referenced By, Similar References, Open Navigator, etc.

Within DITA the href attribute is used on various elements (e.g. Xref) to define what the component can reference. The format of the href attribute is defined by the DITA specification. Vasont will format the client key based on the component that is being referenced in the system.





It is also possible within DITA that the href specifies a target (e.g. URL) that will not exist within Vasont. Previous pointer logic would cause unresolved pointers to have an incomplete status. New logic exists for DITA href pointers to eliminate the component from an incomplete status in these situations.



There are no Vasont user interface changes related to this project. There are various ways in Vasont to create pointers (e.g. Update window, load, clone, drag and drop, processing options, etc.). All methods used to create pointers will resolve and build the client keys per the DITA href standard.

**Setup Conversion Script:** Clients with DITA configurations may want to update their setup to switch href type components (e.g. Xref) from text components to pointer components. A conversion SQL script has been written to aid clients in the conversion of the Xref text component to a DITA Xref pointer component. If interested in the conversion, contact your Vasont support leader for assistance.

For more information, see *DITA href Implementation* in the *Vasont Administrator* section of this document.

## • DITA Conref Syntax Change

In previous versions of the software, if a DITA Map or BookMap referenced a Concept, Task, or Reference, and a conref existed in the content that also referenced one of the Concept, Tasks, or References included in the Map, the file would appear in the Vasont Extract folder twice: one file named by the client key; and a second file named by the entity ID. To eliminate the multiple file occurrences, a change has been made to the conref syntax.

The new syntax for conrefs in Vasont is:

*[client key of primary] .xml# [client key of primary] / [client key of pointee]*

The previous syntax was:

*[entity ID] .xml# [client key of primary] / [client key of pointee]*

## • Content Exception Report

The Content Exception Report does a resolution check for content with conref, keyref and conkeyref attribute values. This item is only visible on the Content Exceptions Report Categories window for Vasont DITA configurations. It is designed to avoid publishing a document that has broken conref, keyref, and conkeyref references. Running this report before doing a publishing extract will avoid issues with broken links in the output.

Right-click on a component and select **Actions** → **Content Exception Report**. The resulting window will have an entry for any component that contains a conref, keyref, or conkeyref that does not resolve within the content referenced by the selected DITA Map.

**Conref:** For each *conref* attribute found, there should be a corresponding component as specified in the conref attribute value. This report will list components with conref attribute values that could not be found within the content. For example, a topic contains a Paragraph with a conref attribute value of *v123.xml#v123/v456*. If topic v123 is not found, or if v123 does not contain a component with the v456 ID, an entry will be placed into the Content Exception Report.

**DITA 1.2 Keyref:** For each *keyref* attribute found, there should be a corresponding component within the map that has a matching *keys* attribute. For example, a Keyword component in a topic might have the attribute *keyref*="ProductName". In the map, this is resolved by finding a matching component with an attribute of *keys*="ProductName". This report will list any components that contain keyrefs, but do not have a corresponding component with a matching *keys* attribute value.

The *keys* attribute is allowed to be a space delimited list. In the previous example, the following attribute is a legitimate match:

`keys="ProjectName ProductName"`

**DITA 1.2 Conkeyref:** For each *conkeyref* attribute found, there should be a corresponding component within the map that has a matching *keys* attribute value. That component then points to a topic that contains a sub-component with the specified ID value. For example, a topic contains a Paragraph component with a *conkeyref* value of *Product/v789*. The map contains a *topicref* with a *keys* attribute of *Product* and points to a topic that contains a Paragraph component with the matching *v789* ID. If the referenced component cannot be found, an entry will be placed into the Content Exception Report.

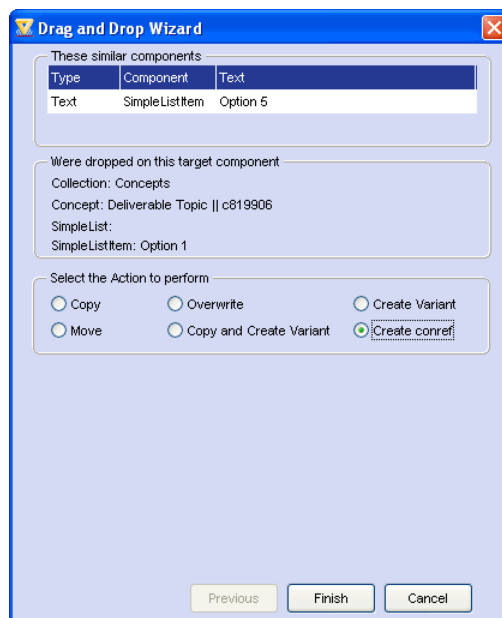
For more information, see *Content Exception Report* in the *Modular Content* section of this document. For more information on DITA *conref*, *keyref*, and *conkeyref*, see the DITA 1.2 specification.

## • DITA 1.2 Conref Range Support

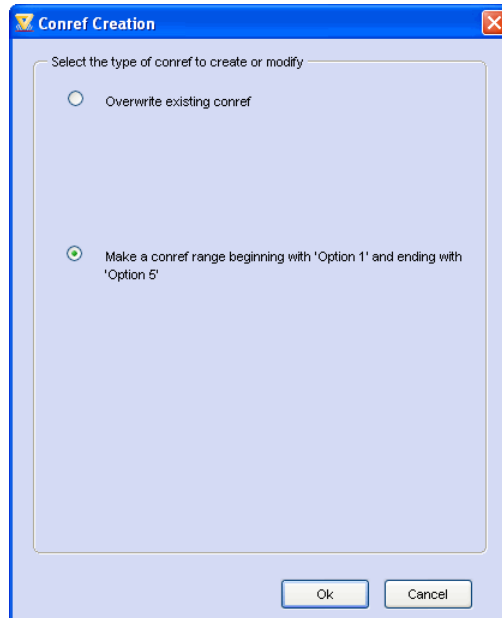
DITA version 1.2 introduces the *conref* range feature. This allows a content reference to span a range of adjacent sibling components. The *conref* attribute specifies the first component in the range to be referenced and the *newconrefend* attribute specifies the last element in the range.

Vasont's Drag and Drop Wizard now supports creating and updating *conref* ranges. To create a *conref* range:

1. Drag and drop a component on to another component of the same type (source). Select **Create conref** in the Drag and Drop Wizard and click **Finish**.



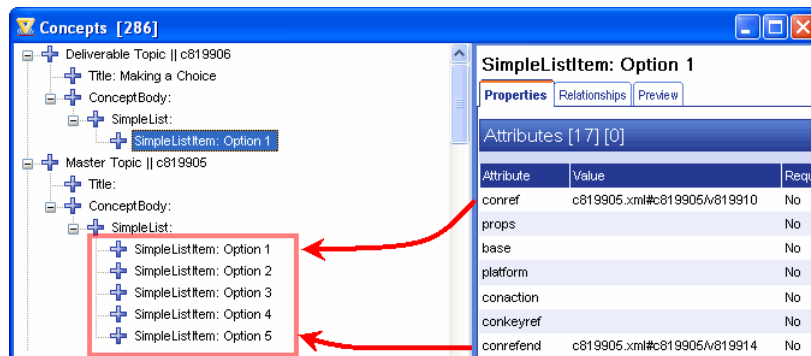
2. If the conref attribute is already populated on the target component, then an additional dialog will appear allowing you to specify if it should be overwritten or if you would like to create a conref range. Select the appropriate radio button to overwrite or make a new conref range. Click **OK**.



If overwrite is selected, then the conref attribute will be overwritten with a new value that references the source component.

If conref range is selected, then the *conref* attribute will remain and a *conrefend* attribute will be populated with the value that references the source component.

In the following screenshot, you can see the conref and conrefend attribute values populated. Note that the target component will only display the content of the conref. It is not possible to display the full range of components at the target location.



## Collaborative Review

### • Sub-component Review

Collaborative Reviews may be performed at a primary and sub-component level providing the component has been configured in the Vasont Administrator with a review style, and extract and load view options. This ability allows a review to be isolated to a specific section of the content.

- **Review Window Position**

When the Review window is opened it will be position depending upon the state of the review:

**Reviewing Phase:** The window will be enlarged to take up the full size of the client area.

**Editing Phase:** (Before automatic changes are applied) The window will be enlarged to take up the full size of the client area.

**Editing Phase:** (After automatic changes are applied) The client area will be divided into two vertical halves. The left half contains the Review window and the right half displays a navigator window for the content.

**Completed Phase:** The window will be enlarged to take up the full size of the client area.

- **New Column in Review Filter**

The Review Filter has a new criteria box called *Filter by Component Type*. This item will only be available when a collection has been specified in the filter.

- **New Columns in Review List**

The Review List window has new columns for *Type*, *Parent Component*, and *Primary Component*.

- **New Items on Details Pane**

The Review tab on the Details pane now shows all reviews related to the selected component (i.e., reviews done on parent or ancestor components). A new column for *Type* has been added to display the component type. The **Initiate New Review** button will be enabled if the selected component (primary or sub-component) is configured for collaborative reviews.

- **Review Icons**

The following changes have been made to the icons in the Review window:

The annotations icon is smaller.

The delete icon has changed slightly.

The replace icon has changed.

All icons are more consistent in size (16 x 16).

Strikethroughs and boxes around text use a finer rule weight.

- **Graphic Conversion**

A processing option is now available that will perform a conversion on extracted image files if it is not a format type that is compatible with the Review browser. For example, if the images stored in Vasont are EPS format they will not display in the Review window. Applying this processing option to the Review extract view will convert the EPS images to a JPEG format that will display in the Review window. For more information, see the *Vasont Processing Option Guide* for *blob\_to\_file\_att\_convert*.

## Preview

- **Sub-component Previews**

Vasont previews can now be configured for sub-components as well as primary components. This allows smaller and more manageable chunks of content to be displayed in the Preview window, as well as providing the ability to display the content in a different format style. The sub-components that may be previewed are configured in the Vasont Administrator with preview style and extract options. If more than one preview style is available, a drop-down list in the Vasont Preview pane will allow you to select the style you desire.

- **Selected Component Arrow**

The red arrow icon that marks the selected component in Preview is now smaller and is overlapped by the text (rather than the arrow sitting on top of the text).

- **Graphic Conversion**

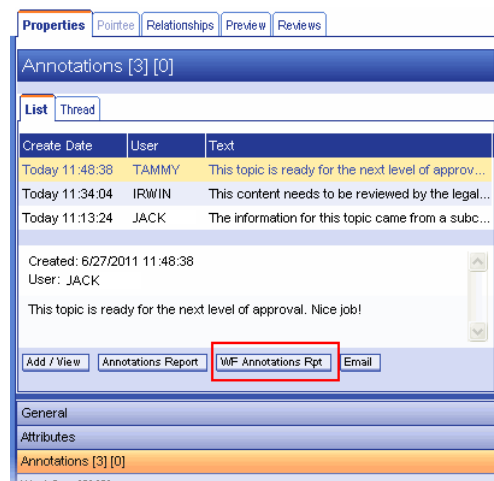
A processing option is now available that will perform a conversion on extracted image files if it is not a format type that is compatible with the Preview browser. For example, if the images stored in Vasont are EPS format they will not display in the preview window. Applying this processing option to the preview extract view will convert the EPS images to a JPEG format that will display in the preview window. For more information, see the *Vasont Processing Option Guide* for *blob\_to\_file\_att\_convert*.

## **Workflow and Project Management**

- **Workflow Annotations Report**

The Workflow Annotations Report displays the workflow project tasks and their annotations. This report is available from the component's right-click menu, on the Workflow submenu. If there are no workflow projects associated with the component, the menu item will be disabled. This report provides the user with an annotated record from the workflow as it was accomplished by the users involved in the workflow process.

The report header contains the component information along with the Workflow Project name, and start and complete dates. The body lists each workflow task related to the project, and annotations that have been made to the component. If more than one workflow project exists for the component, a new header section will be generated for each workflow project instance. The most current workflow project will display first in the report.



- **Workflow and Project Management Filtering Message**

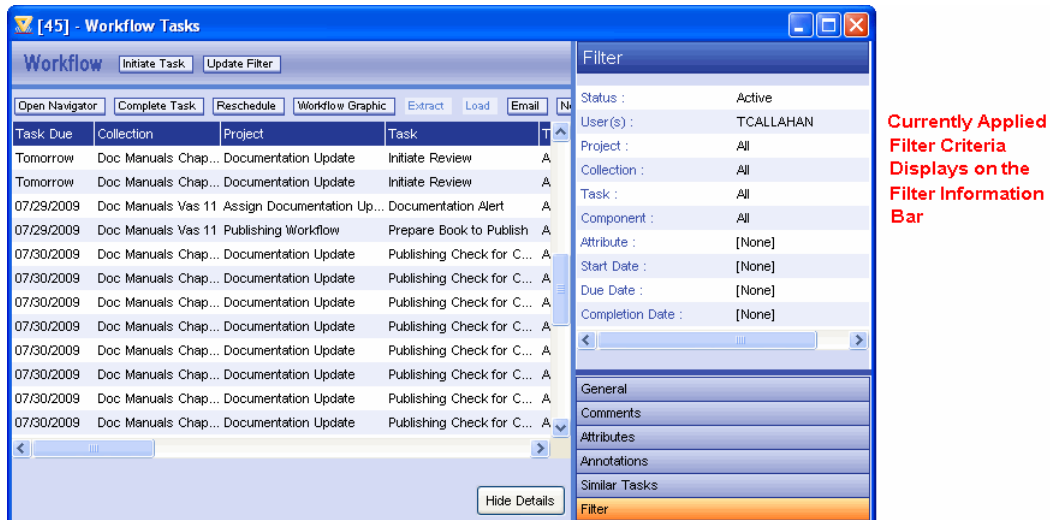
Workflow and Project Management windows allow you to select criteria to filter for ALL users, ALL statuses, ALL collections, etc. (in other words, all workflow that exists). Such filter criteria may retrieve many records and take a long time for the system to display the results. Therefore a warning message will now display when the user clicks **Apply Filter**. The message will contain the number of records that will be retrieved and asks the user if they would like to continue or re-filter.



## • Workflow Task Filter Re-design

The Workflow Task Filter has been updated to the style of the Project Management and Collaborative Review filters.

The active filter criteria for the workflow task list has been moved from the main window pane to the Filter information bar on the Details pane.

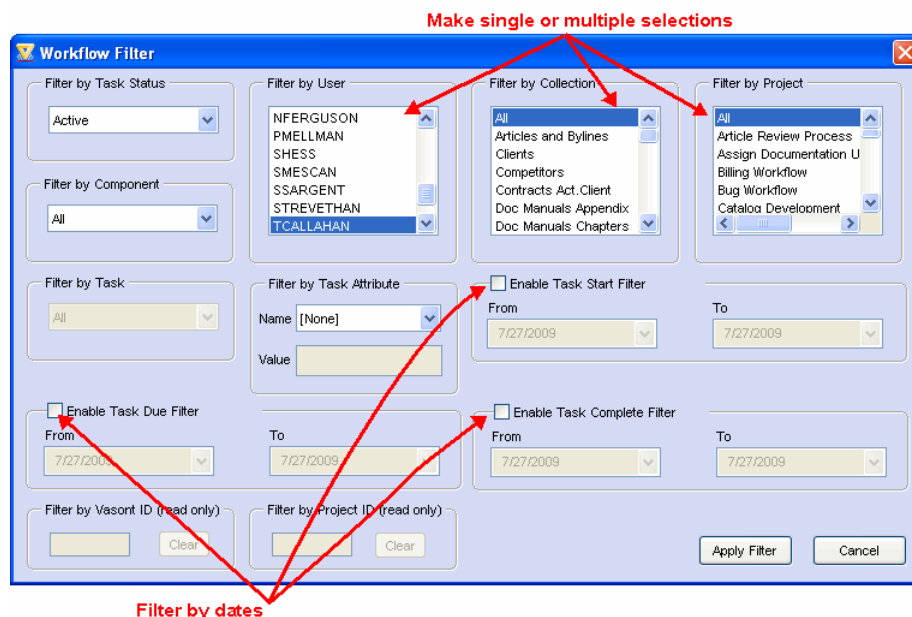


The new workflow filter window supports all of the old behaviors in addition to some new ones.

Single or multiple selections can be made in the Filter by User, Filter by Collection and Filter by Project boxes. Make selections by moving from left to right, and top to bottom so that the lists displays will update according to the previous selections. For example, if you select a collection in the Filter by Collection box, the Filter by Project list will change to reflect the projects that are available for the collection.

Check the box to activate the date filters. To and From boxes allow the selection of a range of dates.

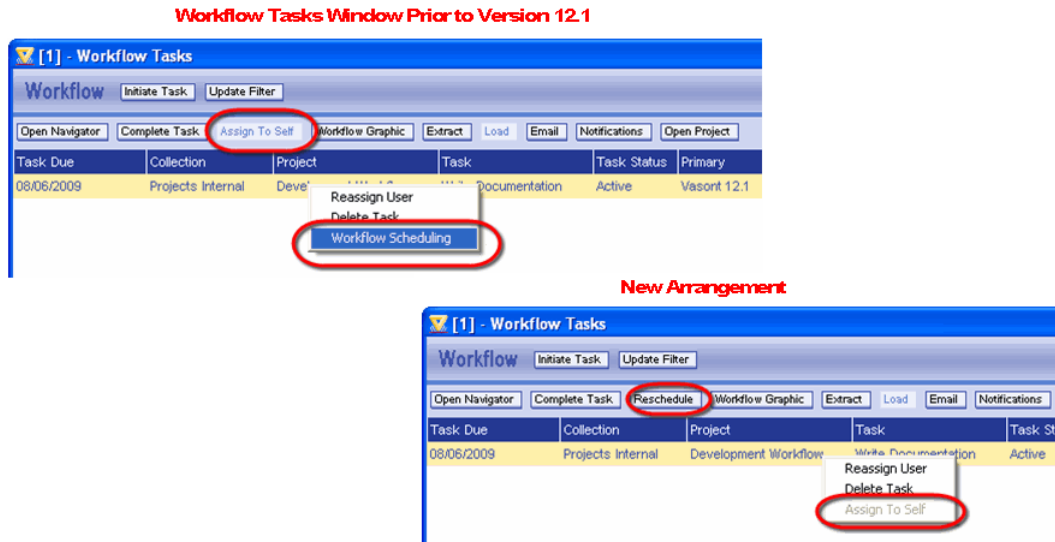
The Filter by Task and Filter by Task Attributes are activated depending on the User, Collection and Project choices.



## • Workflow Tasks Window Changes

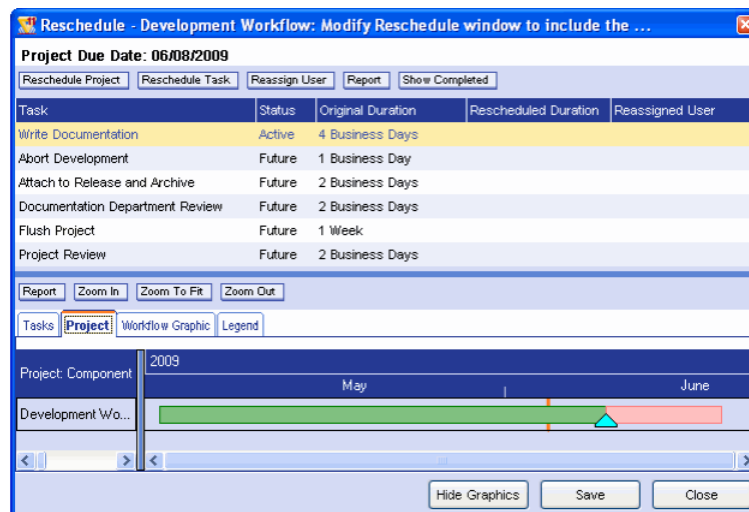
The **Assign To Self** button has been removed from the Workflow Tasks window. It now appears on a right-click pop-up menu.

**Workflow Scheduling** right-click pop-up menu option has been moved to a button on the Workflow Tasks window. The new button is labeled **Reschedule**.

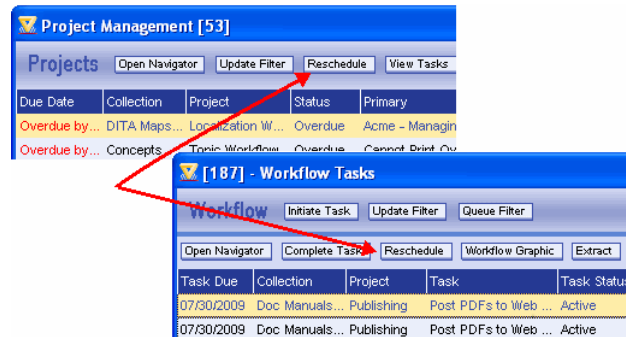


## • Rescheduling Window Changes

The Rescheduling window has been redesigned and is available from either the Workflow window or the Project Management window. The new Reschedule window includes features for rescheduling due dates of projects and workflow tasks, and changing user assignments. The Reschedule window may display Gantt charts for Tasks and Projects, and the Workflow Graphic.



The Reschedule window can be accessed from the Project Management window or the Workflow Tasks window.



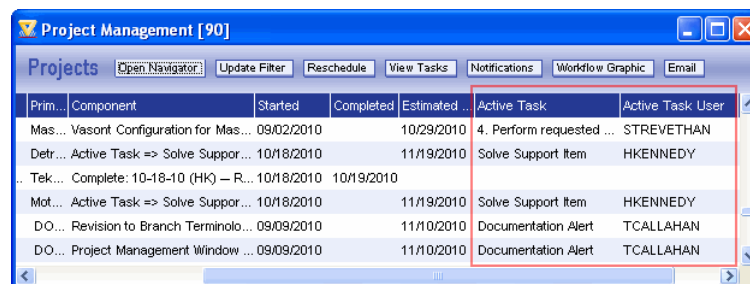
- ### Project Management Adjustments Information Bar

The Adjustment information bar on the Project Management's Details pane has been altered to display the task name. This adjustment provides more information when looking at an adjustment that occurred on the selected project.



- ### Project Management Window Active Task Column

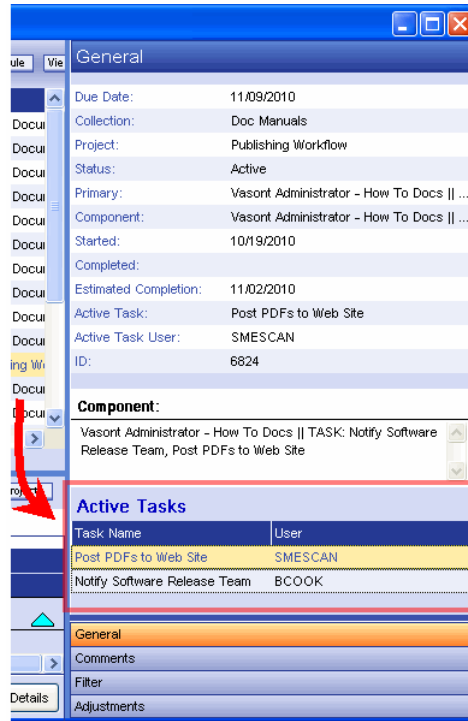
Two new columns have been added to the Project Management window list view. The *Active Task* column will display the active task for the project entry. If more than one active task exists, then the earliest due active task will be displayed (Note: the details pane will list all tasks).



The *Active Task User* column will display the user who is assigned to the active task. If the workflow project is completed, then these two fields will be empty in the list view.



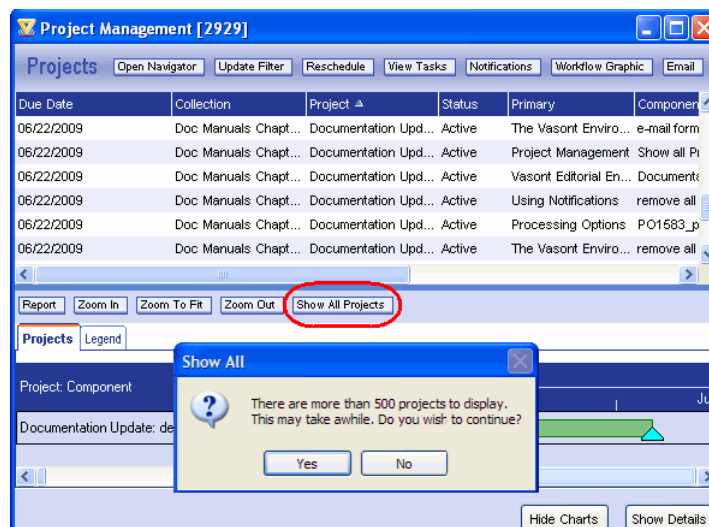
When more than one task is active for the same project, they can be viewed from the General tab of the Details Pane.



- **Show All Projects Warning**

When the **Show All Projects** button is clicked on the Project Management Chart pane, if there is a large number of projects in the list view the process of building the Gantt chart can take some time. Because of the delay, a warning message will display if there are more than 500 projects in the list.

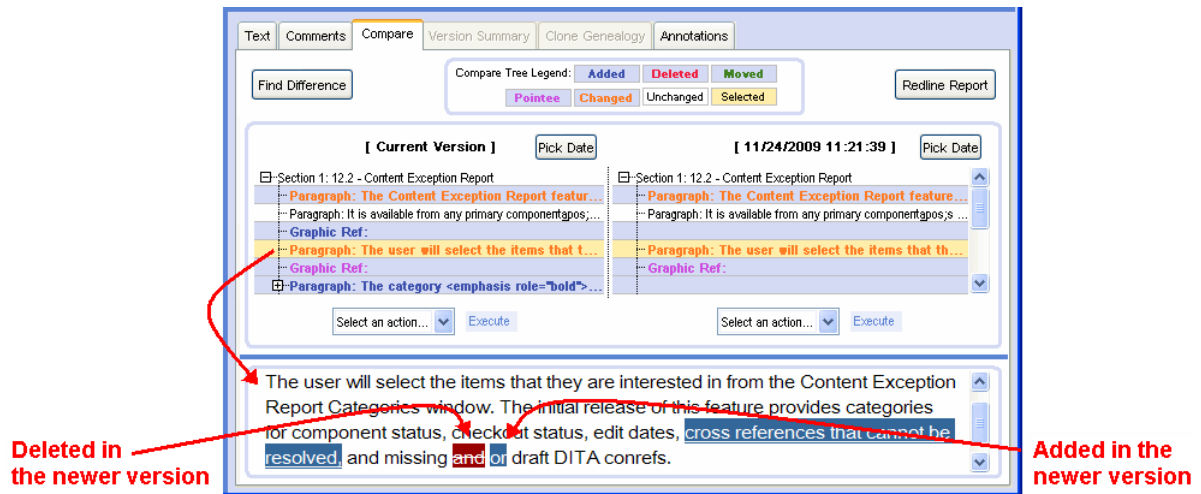
If the user selects **Yes** the Gantt chart will be built for all projects. If the user selects **No** then the Gantt chart will stay in the mode to display a single row for the project that is selected in the list view. Of course, this allows the user to re-filter the projects to obtain a more manageable number of projects.



## Versions

- Version Compare Display**

When a component is selected in either of the tree views on the Compare tab, the text of the component in the left tree is shown in the area below the tree view. (The left tree view always contains the newer version.)



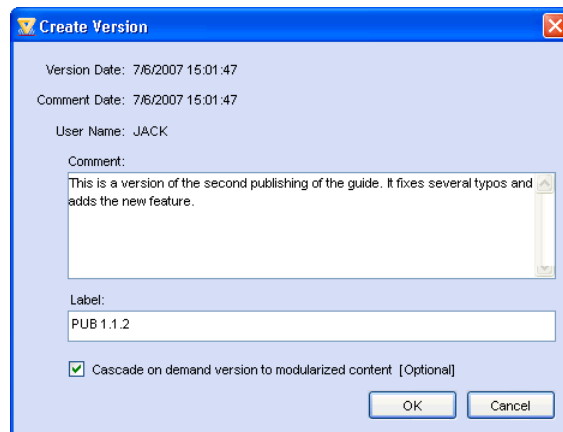
Any differences between the left-side text and the right-side text are marked in the bottom pane.

If text was deleted in the newer version, then it is displayed with a red highlight and strikethrough.

If text was added to the newer version, then it is displayed with a blue highlight and an underscore.

- Cancel Button on Create Versions**

The Create Version window now has a **Cancel** button so that a user may cancel out of the process and not create the version.



This window is also used with the *version\_on\_demand* processing option. When the Create Version window displays as part of the *version\_on\_demand* processing, the Cancel button will be disabled and will not allow the user to exit out of the version creation.

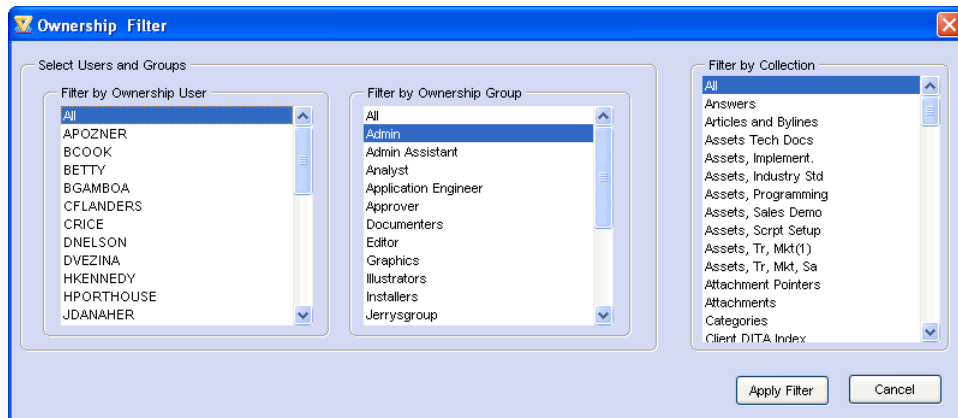
## Content Ownership

### • Master Ownership List

The Master Ownership List allows users to view some or all of the components in the system that have ownership applied, and if the appropriate rights are granted for the logged in user, they will also be able to update the ownership settings.

This feature is accessed from the main menu at **Views → Master Ownership List**.

When the Master Ownership List is selected, an Ownership Filter will appear allowing the user to define the scope of the list by ownership user, ownership group, and collection. The default selections in the filter are the logged in user, *All* ownership groups and *All* collections.

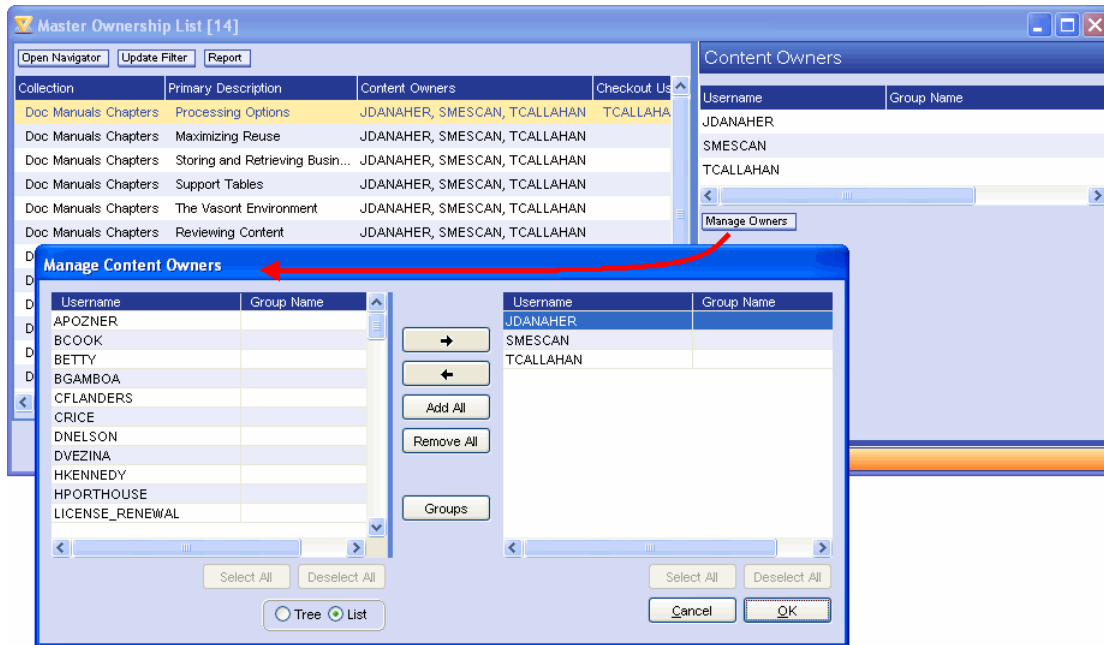


If specific user(s) and group(s) are chosen then all components that are owned by either the selected user(s) or group(s) will be displayed. In other words, these groups are joined together when the user selects values from both categories. This grouping is shown on the window by a box drawn around the two categories that is labeled “Select Users and Groups”. (See preceding screenshot.)

The Master Ownership List window displays entries for the content that meets the filter criteria. From the list, a navigator can be opened for the selected entry, or a report can be created of the currently displayed entries.

Master Ownership List [14]								
<div>Open NavigatorUpdate FilterReport</div>								
Collection	Primary Description	Content Owners	Checkout User Name	Checkout Date	Status Flag	Edit Date	User Name	Client Key
Doc Manuals Chapters	Processing Options	JDANAHER,TCALLAHAN	TCALLAHAN	03/30/2010	Draft	03/30/2010	TCALLAHAN	v991855
Doc Manuals Chapters	Maximizing Reuse	JDANAHER,TCALLAHAN			Approved	10/02/2009	TCALLAHAN	v773044
Doc Manuals Chapters	Storing and Retrieving	JDANAHER,TCALLAHAN			Approved	10/02/2009	TCALLAHAN	v773043
Doc Manuals Chapters	Support Tables	JDANAHER,TCALLAHAN			Approved	07/30/2009	TCALLAHAN	v1300717
Doc Manuals Chapters	The Vasont Environm	JDANAHER,TCALLAHAN			Approved	10/05/2009	TCALLAHAN	v773032
Doc Manuals Chapters	Reviewing Content	JDANAHER,TCALLAHAN			Approved	07/30/2009	TCALLAHAN	v1473473
Doc Manuals Chapters	Using Workflow	JDANAHER,TCALLAHAN			Approved	10/02/2009	TCALLAHAN	v773041
Doc Manuals Chapters	Utilizing Versioning in	JDANAHER,TCALLAHAN			Approved	01/26/2010	TCALLAHAN	v773042
Doc Manuals Chapters	Vasont Administrator	JDANAHER,TCALLAHAN	TCALLAHAN	04/01/2010	Draft	12/03/2009	TCALLAHAN	v991862
Doc Manuals Chapters	Vasont Editorial Envir	JDANAHER,TCALLAHAN			Draft	12/09/2009	TCALLAHAN	v980072
Doc Manuals Chapters	Vasont Software Fixes	JDANAHER,TCALLAHAN	TCALLAHAN	03/30/2010	Draft	03/30/2010	TCALLAHAN	v1489625
Doc Manuals Chapters	Vasont Universal Inte	JDANAHER,TCALLAHAN			Approved	07/30/2009	TCALLAHAN	v991863
<div>Show Details</div>								

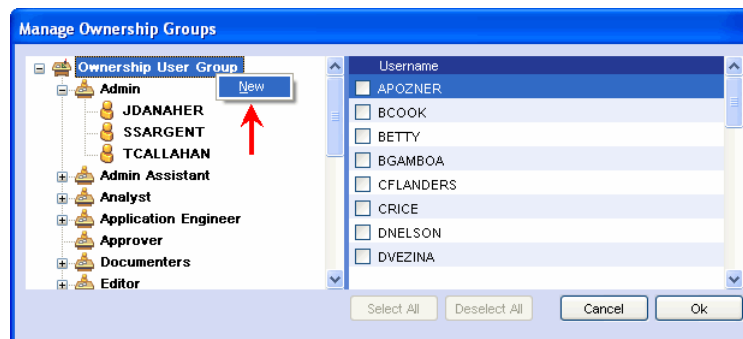
Displaying the Details Pane on the Master Ownership List provides access to update the ownership.



For more information on Content Ownership, see the *Vasont User Guide*.

### • Manage Ownership Groups Window Changes

When the **Groups** button is selected on the Manage Content Owners window, the Manage Ownership Groups window will open. The Ownership User Group will appear in a tree view. Right-clicking on **Ownership User Group** and selecting **New** will allow you to create a new group.



The icons for ownership groups and owners have been updated to display as shown in the preceding screenshot.

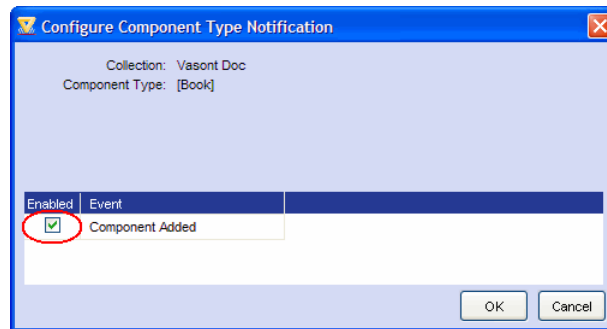
Previously the window showed Workgroups related to Workflow. Now, the workgroups have been removed and if necessary would be managed in the Vasont Administrator.

## Notifications

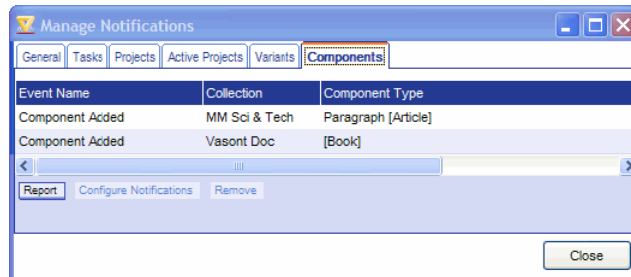
### • Notifications for New Components

A new right-click menu option called **Configure Notifications** allows users to subscribe to notifications for newly created components. Notification subscriptions are available for all components, unless disabled in the Vasont Administrator.

Since there is currently one event for Components, the row of Component Added will display on the window. This is the same basic window and functionality that displays for other notifications (e.g. Workflow, Variants). The component add notification is related to the component type (e.g. paragraph[section]). When a user subscribes to a component add notification it is for that component type and not just for the specific component the user selected to perform the subscription.

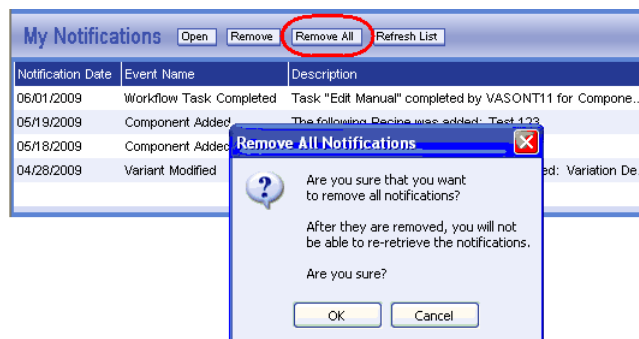


The *Manage Notifications* window has an additional tab for **Components**. All components that the logged in user has subscribed to will appear in the list.



### • Remove All Notifications

My Notifications on the Home Page now has a **Remove All** button. When clicked, the user is asked if they are sure they want to remove all notifications. Click **OK** to proceed, or **Cancel** to exit without taking any action.



## Translations

- **Country Flags Added to Translation Languages**

An image of a country flag can be displayed along with the language in the Translation window's Subproject listing, or the Project Summary or History information bars on the Details pane. This is an optional feature, and the flag will only appear when setup in the Administrator's Translation Language definition. See *Translation Language Country Flags* in the Vasont Administrator section of this document.

The screenshot displays the Vasont Translation window with three main panes. The left pane shows the 'Sub Project Filter' and a list of 'Sub Projects' with columns for Language, Vasont Status, and Collection. The middle pane shows the 'Project Summary' for Project ID 37, including details like 'Vasont Status: Cloned', 'Created By: STEVE', and 'Total Words: 419'. The right pane shows the 'History' tab with a table of translation actions.

Time Stamp	Action Type	Language Description	Sub Project Id
08/13/2009 16:16:33	Cloned	Arabic	200
08/13/2009 16:16:33	Cloned	Spanish	201
08/13/2009 16:16:33	Cloned	Greek	198
08/13/2009 16:16:33	Cloned	German	199
08/13/2009 16:16:33	Cloned	Chinese	197
08/13/2009 16:16:34	Cloned	French	202
08/13/2009 16:16:34	Cloned	Italian	203
08/13/2009 16:16:34	Cloned	Japanese	204
08/13/2009 16:16:34	Cloned	Lithuanian	205
08/13/2009 16:16:34	Cloned	Portuguese	206

Below the history table is a section for 'Submission History (select from above to view)'.

- **Load Failed Status in the Translation Window**

A new status of *Failed Load* has been added to the Vasont Status column of the Translation Window. This status will appear when one or more files failed to load in one or more of the sub-projects. The user will be required to take action in order to complete the project.

## Graphics

- **Graphic Display Support**

Thumbnails and full screen view for the following graphic formats are now supported in the multimedia component update window and the details pane: CGM, CMX, DGN, DRW, DWF, DWG, DXF, E00, GBR, MIF, NAP, NAPLPS, PCL, PCT, PLT, SHP.

When displaying vector graphics in original size, Vasont attempts to use the suggested size embedded in the vector file. However some vector files do not have suggested sizes or the suggested sizes are very small. In those cases, Vasont makes the smallest dimension of the view 200 pixels and the other dimension is calculated to keep the view proportional. Also, some vectors are sized very large. In those cases, Vasont scales the view of the drawing so no dimension is larger than 1000 pixels.

- **SVG Metadata Capture**

The existing multimedia metadata system has been modified to capture metadata from SVGs and make it available for viewing and searching within Vasont. SVGs can store metadata in a variety of ways depending on how the graphics are created, what tools are used, and so forth. If Adobe Illustrator is used as the creation tool, and the SVGs are created in a consistent way, Vasont will read the underlying XML and look for content within pre-determined tag structures to find and store the metadata.

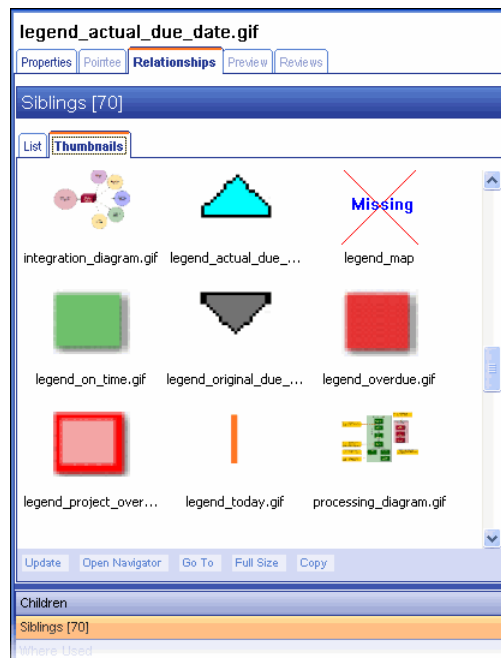
Note: Although the SVG file format is an accepted standard, these tags are only created in SVG files produced in Adobe Illustrator. Other SVG files will not have the tags and the user should not expect the system to capture

metadata from them or identify them as SVG files. In general, the tags are only populated by the user who created the file in Adobe Illustrator. If the user did not fill in the data and use the correct tag for each type of data, then that particular metadata will not be captured.

Tag name hierarchy in XML	Metadata name
rdf:Description/dc:title/rdf:Alt/rdf:li	Title
rdf:Description/dc:creator/rdf:Seq/rdf:li	Base
rdf:Description/photoshop:AuthorsPosition	Audience
rdf:Description/dc:description/rdf:Alt/rdf:li	Platform
rdf:Description/photoshop:CaptionWriter	Product
rdf:Description/dc:subject/rdf:Bag/rdf:li	Part Number [multiple occurrences are concatenated and space delimited]
rdf:Description/*.rights/rdf:Alt/rdf:li	Data1
rdf:Description/*.WebStatement	Data2
[none]	File Size [always captured]

## Enhanced Thumbnail Viewer

The display has been improved for the **Thumbnails** tab in the Details pane (available when the Children or Siblings information bar is selected).



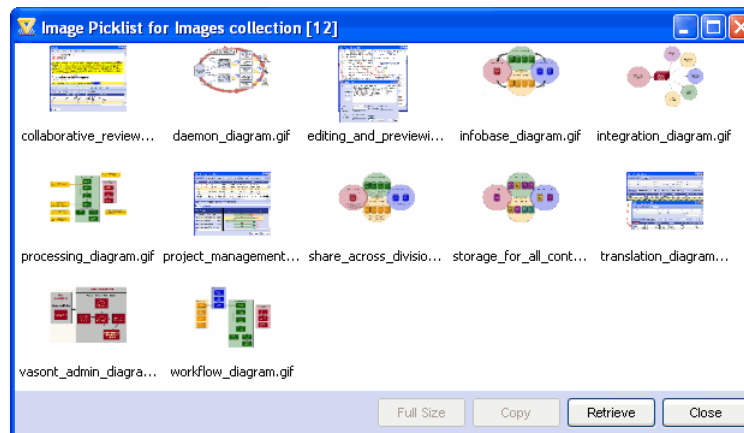
1. The thumbnails will display in a multicolumn format, depending on the width of the pane.
2. Earlier versions of the software only counted components where a thumbnail could be drawn. Now, the enhanced view will show components without graphics, or with graphics that do not render as *Missing*.
3. Two new buttons have been added: **Full Size** and **Copy**. Clicking **Full Size** displays the selected component in a resizable window. Clicking **Copy** will store the component in a buffer where it can be used to paste a copy of the component into a new location in the navigator.

4. The new viewer supports drag and drop functionality. Just click and drag a thumbnail into a location on any Vasont navigator tree and the standard drag and drop wizard will display allowing moving, copying, and overwriting.

- **Graphical Image Picklist**

A new window is available that allows users to choose a graphics collection, filter it and display the resulting list of components as thumbnail images.

The window is accessed from **Views** → **Image Pick List**. If multiple collections are set up for this feature, you will be asked to choose a collection. A Retrieve Query window will display for defining the criteria, or accessing a recent or saved query that will determine the graphics retrieved. Click **Retrieve** and the Image Picklist will display.



This window works like other navigator and workflow windows. It appears on the Windows list; it can be tiled, minimized, or maximized; and its position and filter can be saved as part of a workspace.

Selecting an image and clicking **Full Size** displays the selected component in a resizable window. Clicking **Copy** will store the component in a buffer where it can be used to paste a copy of the component into a new location.

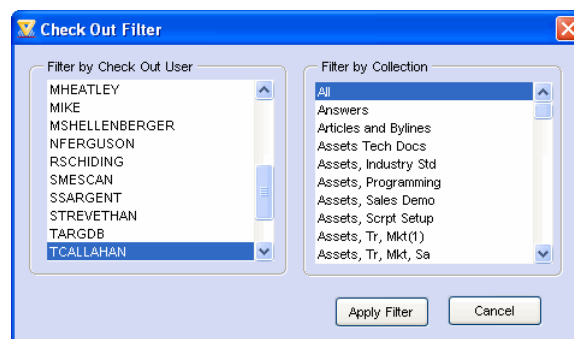
Clicking **Retrieve** allows you to redefine the query and retrieve images based on different criteria.

## Component Check Outs

- **Master Check Out List**

The Master Check Out List has been updated to be consistent with the Master Variant and Master Ownership lists. The window design has changed, as well as adding a filter and additional actions.

When **Views** → **Master Check Out List** is selected, the Check Out Filter will display allowing the user to define specific criteria for the list to be displayed. By default, the logged in user and *All* collections will be highlighted.





The list will display all entries that meet the criteria selected in the filter. From this window, selected entries may be checked in, or have a navigator open for closer examination of the content. A report can also be produced from the displayed list. If ownership is applied to the component, the assigned owners will be displayed in the Content Owners column.

Collection	Primary Description	Component Type	Component Description	Checkout User Name	Checkout Date	Content Owners	Additional Info	Status Flag	Edit Date	User Name
Attachments	WelchAllyn_Implement...	[Attachment]	WelchAllyn_Implement...	TCALLAHAN	12/08/2009			Draft	12/17/2009	TCALLAHA
Doc Manuals ...	Processing Options	[Chapter]	Processing Options	TCALLAHAN	03/30/2010	JDANAHER, SM...	</extract>	Draft	03/30/2010	TCALLAHA
Doc Manuals ...	Vasont Administrator	[Chapter]	Vasont Administrator	TCALLAHAN	04/01/2010	JDANAHER, SM...		Draft	12/03/2009	TCALLAHA
Doc Manuals ...	Vasont Software Fixes	[Chapter]	Vasont Software Fixes	TCALLAHAN	03/30/2010	JDANAHER, SM...	</extract>	Draft	03/30/2010	TCALLAHA
Doc Manuals ...	DOCUMENTATION ...	Documentation ...	Bug Fix - Content Exc...	TCALLAHAN	03/30/2010			Draft	02/05/2010	SSARGEN
Doc Manuals ...	DOCUMENTATION ...	Documentation ...	Referenced By Pointer...	TCALLAHAN	03/30/2010			Draft	02/09/2010	SSARGEN
Doc Manuals ...	DOCUMENTATION ...	Documentation ...	conref check out bug.d...	TCALLAHAN	01/11/2010			Draft	12/21/2009	SSARGEN
Doc Manuals ...	DOCUMENTATION ...	Documentation ...	Bug Fix - Unicode BO...	TCALLAHAN	03/30/2010			Draft	02/05/2010	SSARGEN

## Variants

- **Master Variant List**

A Master Variant List feature has been added in this release to help users locate variant components. From this window, you can navigate to a selected variant component, open the variant window, or create a report.

The Master Variant List is accessed from the main menu on **Views** → **Master Variant List**.

Collection	Component	Primary
Articles and Bylres	Creating Metadata: A Quick Checklist	Creating Metadata: A Quick Checklist
Articles and Bylres	Creating Metadata: How to Make It Approachable to Yc	Creating Metadata: How to Make It Approachable to Yc
Articles and Bylres	Taking the Mystery Out of Metadata	Taking the Mystery Out of Metadata
Doc APIs	f_allow_add	f_allow_add
Doc Manuals 10	<indexterm TGID="1">The <emphasis role="...	Vasont Manager Guide_DUPLICATE_FOR_DEMOU
Doc Manuals 10	About Vasont Manager	Vasont Manager Guide_DUPLICATE_FOR_DEMOU
Doc Manuals 10	Error Codes Appendix	Error Codes Appendix
Doc Manuals 10	Error Codes Appendix_DUPLICATE	Error Codes Appendix_DUPLICATE
Doc Manuals 10	Minimize All Windows reduces the size of all ...	Vasont Processing Options Guide_DUPLICATE_FOR...
Doc Manuals 10	Minimize All Windows reduces the size of all ...	Vasont Manager Guide_DUPLICATE_FOR_DEMOU
Doc Manuals 10	Processing Options are used to <emphasis ...	Vasont Processing Options Guide_DUPLICATE_FOR...
Doc Manuals 10	Read more about applying, deleting and view...	Vasont Processing Options Guide_DUPLICATE_FOR...
Doc Manuals 10	Roles are defined packages of permissions ...	Vasont Processing Options Guide_DUPLICATE_FOR...

A filter window allows you to define criteria for the components to be listed in the window.

## Conditional Content Processes

- **Conditional Extract Window Alteration**

The user interface window for dynamically setting conditions at run time for conditional extracts has changed to a two-column format. This window occurs when the *conditionally\_extract\_based\_on\_attribute* processing option is applied to an extract view header. It allows a user to filter content based on attribute settings on the data. The two-column format eliminates the need to reposition the window when working with a small monitor or laptop.

The 'Setup Extract' dialog box is divided into two main columns. The left column contains steps 1 through 4, and the right column contains steps 5 and 6.

**Step 1: (optional) Select a saved condition set**  
 A dropdown menu shows 'No saved sets' and a 'Delete Set' button.

**Step 2: Select attribute**  
 A list box contains 'audience', 'platform', 'product' (highlighted), and 'otherprops'.

**Step 3: Enter or pick a value (one or more times)**  
 Two input fields are shown. The first is empty with an 'Add' button. The second contains 'all\_med' with a dropdown arrow and an 'Add' button.

**Step 4: (optional) Select and remove values**  
 A list box contains 'all\_med' (highlighted) and a 'Remove' button.

**Step 5: Repeat for each attribute and review your choices**  
 A text area displays the conditions: 'audience = "healthcarepro"' and 'product = "all\_med"'.

**Step 6: (optional) Save these conditions as a set**  
 A 'Set Name' text field is followed by two radio buttons: 'Save for me only' (selected) and 'Save for all users'. A 'Save' button is to the right.

At the bottom right are 'OK' and 'Cancel' buttons.

- **Batch Extract Queue Enhancement**

The Batch Extract Queue will now store conditional selections when using an extract view that utilizes *conditionally\_extract\_based\_on\_attribute\_value* processing option. The extracted information is stored as XML in a new column in the Batch Extract Queue and Batch Queue Groups windows, called *Extract Conditions*. It is view-only information and cannot be edited. Displaying this information allows users to check and verify the conditions before initiating the batch extract process.

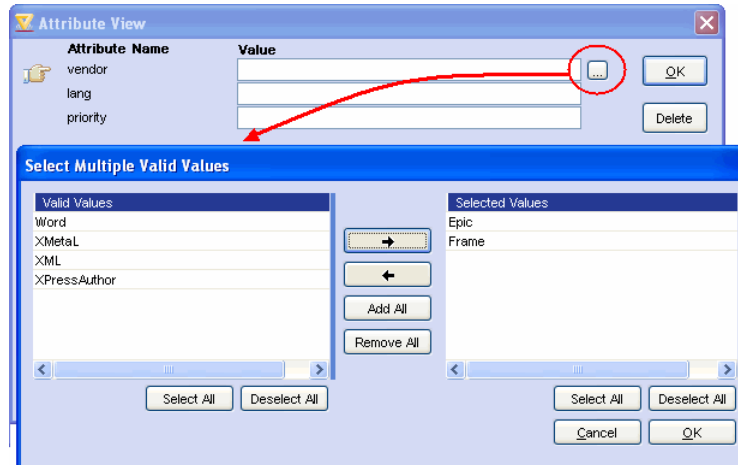
Description	Client Key	Extract View	File Name	Language(s)	Date & Time	Extract Conditions
Conditional Publish	v458889	Extract Map to Compiled Help - Cond		NONE	05/27/2010	<conditional_arguments><attribute_link_id>1114
Conditional Publish	v458889	Extract Map to Compiled Help - Cond		NONE	05/28/2010	<conditional_arguments><attribute_link_id>1114

Below the table, there are 'View Options' (radio buttons for 'Batch Extract Queue' and 'Batch Load Queue'), a checkbox for 'Include in process items (Shown in bold)', and buttons for 'Extract', 'Open Group', 'Save Group', 'Refresh', and 'Close'.

- **Multiple Valid Values**

This release provides an option for applying multiple valid values to a single attribute. Attributes that are configured with this option will show an ellipses button next to their *Value* field. When the button is clicked, the *Select*

*Multiple Valid Values* window will display. This window allows you to select desired values from the valid value list. Once selected and the window is closed, the selected values will appear in the attribute value field. Each value is separated with a single space delimiter (default), or a special delimiter that is configured in the Vasont Administrator. This feature is especially useful for configurations that apply conditional publishing values to components and then extract the content based on attribute values.



## Email

### • Format

Vasont has the ability to send out emails in various ways. Some automatic emails are sent, such as when a workflow task is initiated. In other areas (e.g., edit view, workflow, and project management) the user can send an email related to the selected content.

Prior to this release, the format of the email varied depending on where it was launched. This enhancement provides more consistency and context sensitivity in the information and format that is presented in the email.

**Subject:** 2 to 4 words that describe the purpose of the email (e.g. Component Message, Workflow Task Message, Project Message), followed by the first 75 characters of the component's description. If the component's description is longer than 75 characters “...” will be attached to indicate that the actual description contains more text.

**Collection:** The collection where the component resides.

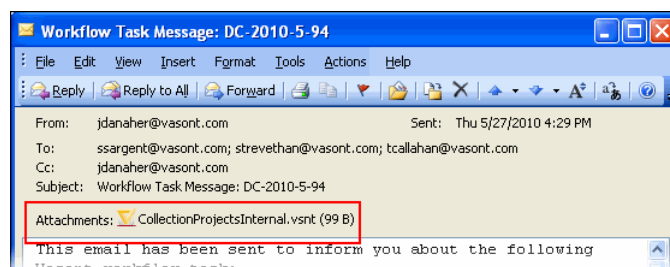
**Primary:** The component's primary.

**Component:** The component's description.

Emails sent from the Collaborative Review window will maintain the current format. The only change will be the first 75 characters of the component description.

### • Vasont Shortcut Option

The standard behavior for Vasont emails is to include a Vasont shortcut file. The shortcut allows users receiving the email to launch Vasont on the local machine and open a navigator window to the specified component in the shortcut file.



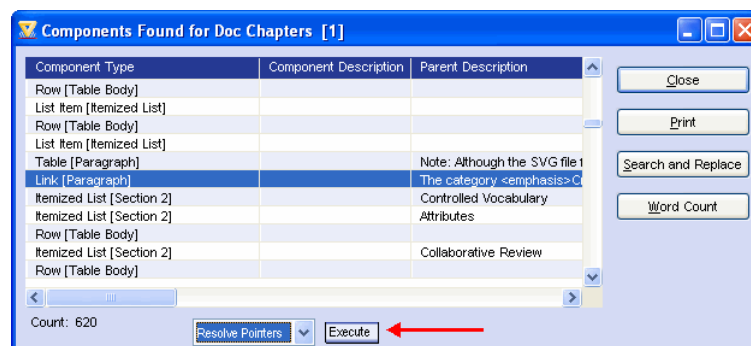
Clients who use Citrix or do not have Vasont installed locally must first access a Citrix machine via their browser in order to use the shortcut. The shortcut file can be copied and pasted into the Citrix environment to be launched. To eliminate confusion, a system profile is now available to change the default behavior and eliminate the situation. When the Vasont system administrator sets the **Email\_Vasont\_Shortcut** system profile to *No*, the Vasont email options will no longer attach a shortcut file to the email.

See *Email Vasont Shortcut Option* in the *Vasont Administrator* section for changing the default configuration.

## Batch Actions

- **Batch Actions from Search List**

The Search List window now allows you to select entries and perform an action. The behavior is similar to the batch actions that can be performed in the details pane and cross collection search. Simply define the search criteria and create the search list. Once the window is displayed, select the entries to which you would like to perform an action. Select an action from the drop-down list (analyze, approve, check in, check out, mark for delete, undo pending delete, confirm pending delete, or resolve pointers) and click **Execute**.



A confirmation window will appear stating the number of components that were successfully processed and any exceptions that may have been encountered.

## Navigator Improvements

- **Storing Column Widths**

Like many other list views, the column widths on the Home page and in the information bars in the Details pane may be changed by dragging the column header divider. The column widths that you set now become part of your user profile and will be recalled the next time you run Vasont.

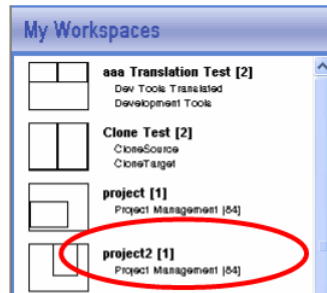
- **Copying Text from Details Pane**

On many of the information bars in the Details pane, the value of any property, such as Client Key, may be copied to the Windows clipboard by simply clicking on the row and typing **Ctrl-C**. This provides a quick way to copy information from the Details pane to another location.

- **Saving Project Management Windows in Workspaces**

Workspaces will now save the Project Management window, including the position of the horizontal and vertical split bars, the shown or hidden details pane, and the filter criteria.

The Project Management window will appear in the workspace listing, along with any other collections or workflow windows.



## • Details Pane Widths in Workspaces

An enhancement has been made to remember the width of the Details pane on windows within the workspace (i.e., navigator windows, workflow windows, and project management windows). This will apply to workspaces that are saved starting with this release of software. Previously saved workspaces will continue to open with a default width. The new behavior will remember the width of the Details pane as a percentage of the open window at the time the workspace was created. This allows the user to successfully open the workspace windows at different resolutions or resized Vasont application windows.

## • Delete Source on Move

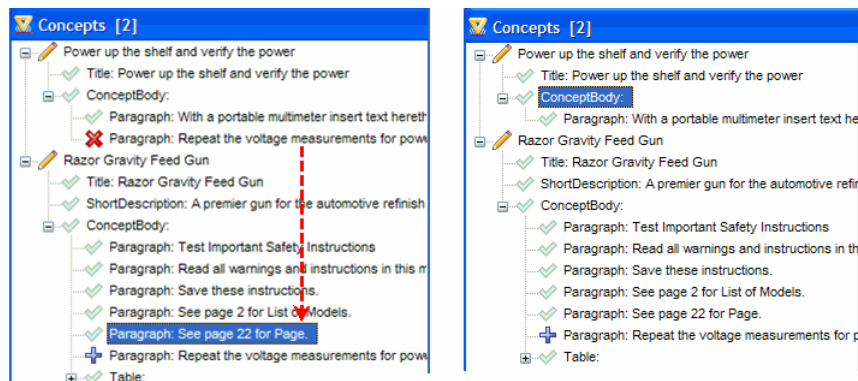
The standard behavior for moving a component with drag and drop is to set the source component to Pending Delete. This requires a second step to Confirm Pending Delete at the original source location. This behavior can now be changed in the configuration to eliminate the extra step of confirming the deletion.

See *Delete Source on Move* in the *Vasont Administrator* section for changing the default configuration.

The following illustration shows the differences in the system profile settings. The default behavior moves the component to the new location, and sets the original source component to Pending Delete status. The user then confirms the pending delete to remove the component source.

The new setting of “Delete\_Source\_On\_Move=Yes” will move the component to the new location, and eliminate the need to confirm a pending delete. The component is automatically removed from the source location.

The user must have the “Confirm Pending Delete” or “Update (full rights)” privilege for the source component to be automatically deleted. If the user does not have the permission, the source component will be marked with a pending delete status instead of being automatically deleted.

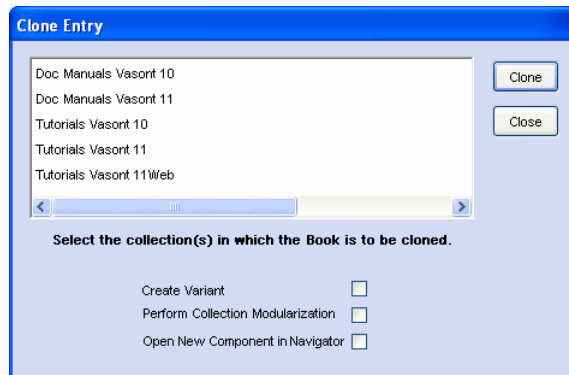


**Default behavior for moving a component**

**Behavior when system profile specifies Delete\_Source\_On\_Move = Yes**

- **Primary Clone Option to Open Navigator**

A new checkbox has been added to the Clone Entry window. When **Open New Component in Navigator** is checked, and a clone is performed, an Update window will automatically open for the target primary.

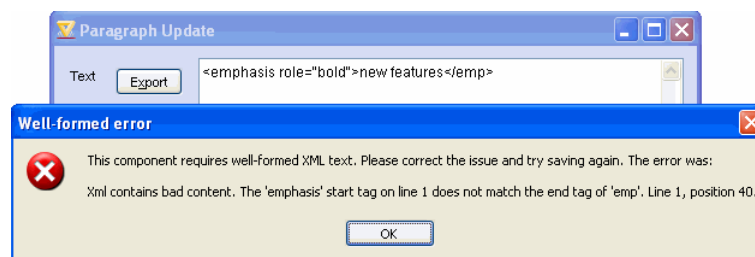


If the target primary already exists within an already open Navigator window, then the target component will be highlighted in that Navigator window.

If multiple target collections are selected, then multiple Navigators will be opened for each target component. The system remembers this setting. Once this option is checked it will continue to be checked for future clone operations. Uncheck the box to eliminate this behavior for future clone operations.

- **Well-Formed XML Check**

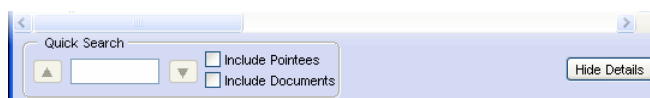
A well-formed XML check can now be performed on the untracked XML tags within the contents of a text component. This means that begin and end tags are validated within the text of the component's Update window before saving. If an end tag or begin tag is missing, or if the end tag and begin tag do not match, the user will be alerted to the problem and will not be able to close the update window until a correction is made. In the following Update window, the emphasis begin tag and end tag do not match. When the **Save** button is clicked, a message will display.



This is optional behavior and must be set for the component in the Vasont Administrator. See *Well-formed XML Check* in the *Vasont Administrator* section of this document for more information.

- **Quick Search of Pointees and Documents**

Prior to this enhancement, the Quick Search feature only considered the content stored in the collection navigator. Now, a quick search will allow searching content within documents stored in Vasont and/or referenced text components and documents.



Two check boxes have been added to the Quick Search section of the collection navigator; **Include Pointees** and **Include Documents**. This allows four modes of operation:

**Traditional quick search:** Searches all content within the current navigator window for case-insensitive matches in both the text of components and multimedia descriptions.

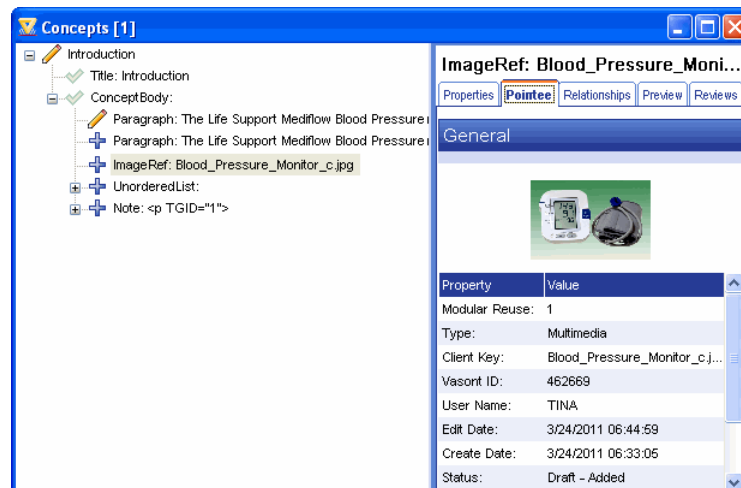
**Include pointees search:** In addition to the traditional search, components referenced by pointer components in the current navigator window will be considered. The search will include the text and multimedia description of the pointee, but not the descendant components.

**Include documents search:** In addition to the traditional search, all documents that are stored in multimedia components within the current navigator will be searched.

**Include pointees and include documents search:** Searches all text components, multimedia descriptions, and document content in the current navigator, as well as, all text components, multimedia descriptions, and document content referenced by pointer components in the current navigator.

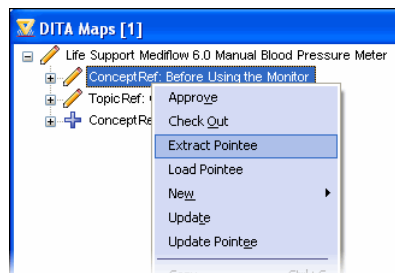
## • Pointee Tab for Details Pane

A **Pointee** tab has been added to the Details pane. This addition allows users to reduce mouse clicks to examine information about the referenced component, such as its status or when it was last edited. The tab is enabled when the selected component in the tree view portion of the navigator is a pointer component and is currently linked to another component in the system. If the pointer component is not linked to another component, the tab will be grayed out and disabled. The information bars on this tab pertain to the pointee component and provide more information about the properties of the referenced content.



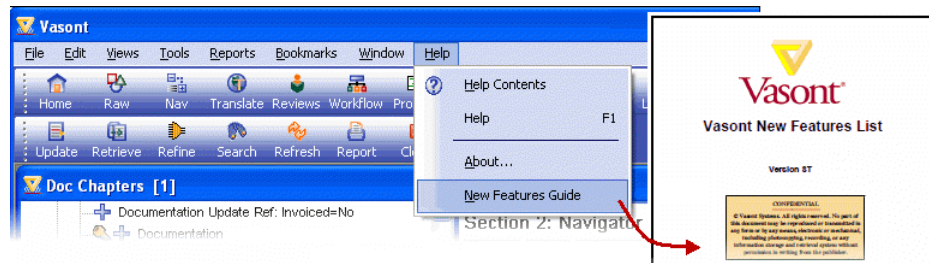
## • Extract and Load Pointee

**Extract Pointee** and **Load Pointee** have been added to the right-click menu. This enhancement eliminates clicks navigating to the referenced content to make alterations. The items appear when the selected component is a pointer, and load/extract views are available, and the user has the appropriate permissions.



## • New Features List

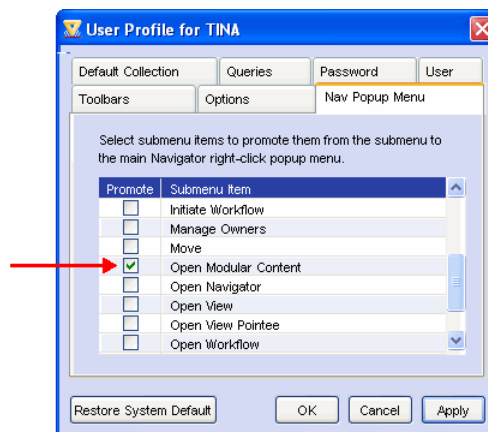
The New Features List (this document) is now available from the Help menu. Having this list at your fingertips allows you to view the new features and enhancements for the version of software that you are running.



## User Profile

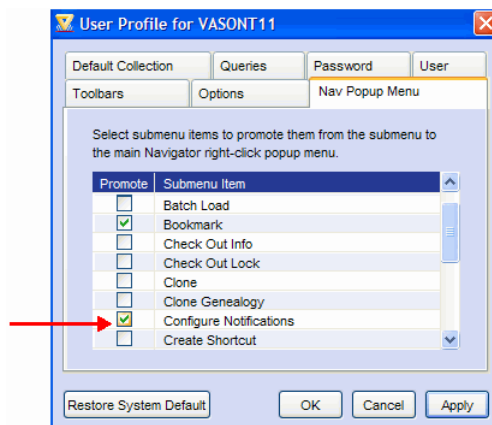
### • Promote Open Modular Content Submenu

The Nav **Popup Menu** tab in the User Profile contains an entry for promoting the **Open Modular Content** submenu. If checked, Open Modular Content will appear on the main part of the right-click menu in the navigator.



### • Promote Component Notifications Submenu

The right-click menu for the collection navigator contains a new item for **Configure Notifications**. This is a submenu option and therefore added to the **User Profile** → **Nav Popup Menu** as an item that can be promoted on the right-click pop-up menu.





## Vasont Administrator

The items in this section are grouped by feature and outline the enhancements and new features in the Vasont Administrator for Vasont ST. This is a major release that includes items that have been developed since release 12.0.

### Reports

- **Alias Attribute Report**

A new report has been added to the Vasont Administrator that will list the attributes that are applied to aliases in a specified content type. The report may be accessed from **Reports** → **Aliases** → **Alias Attributes**. The format of the report is modeled after the existing Edit View Attribute Report.

If your configuration has attributes applied to aliases, this report will allow you to review the details of each attribute, and easily determine which attributes are applied to an alias without opening numerous update windows.

Alias Name	Attribute	SGML/XML Type	Occurrence	Attribute Link ID	Default Value	Allow Edit	Valid
Abbreviated-Form	audience	CDATA		11144		<input checked="" type="checkbox"/>	
	base	CDATA		11141		<input checked="" type="checkbox"/>	
	conaction	NAME		11960		<input checked="" type="checkbox"/>	mark pushaft pushbe pushrej -dita-us
	conkeyref	CDATA		11961		<input checked="" type="checkbox"/>	

- **Vasont License Report**

The Vasont License Report has been modified to reflect the specific type of licensing model in affect. The heading will now read *Named User Seats for the Schema* or *Simultaneous Seats for the Schema*, depending which model the client has purchased.

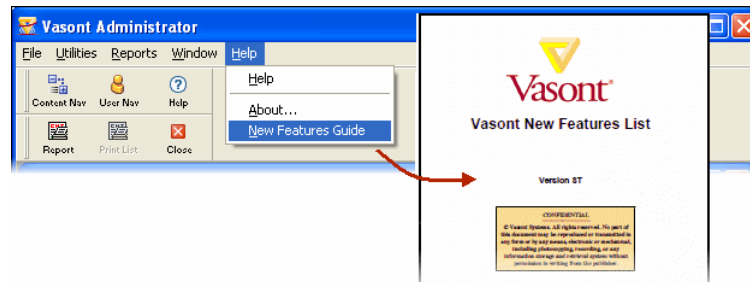
Named User Seats for the Schema: 50	
Licensed Seats for the Schema	Allocated Seats for the Schema
Vasont Seats: 50	Vasont Seats: 6
Review Seats: 50	Review Seats: 6

Simultaneous Seats for the Schema: 200	
Licensed Seats for the Schema	Allocated Seats for the Schema
Vasont Seats: Unlimited	Vasont Seats: 320
Review Seats: 0	Review Seats: 0
Workflow Seats: Unlimited	Workflow Seats: 319

## • New Features List

The New Features List (this document) is now available from the Help menu. Having this list at your fingertips allows you to view the new features and enhancements for the version of software that you are running.



## • DITA 1.2 Upgrade Report

This report defines component and attribute changes in the Vasont DITA configuration for the DITA 1.2 DTD model. It is a guide for clients to refer to when performing their own configuration upgrade. It also offers suggestions for other alternatives to bring your DITA configuration up to the latest DITA 1.2 model. The report can be obtained from the Vasont Users' Zone at [www.vasont.com](http://www.vasont.com).

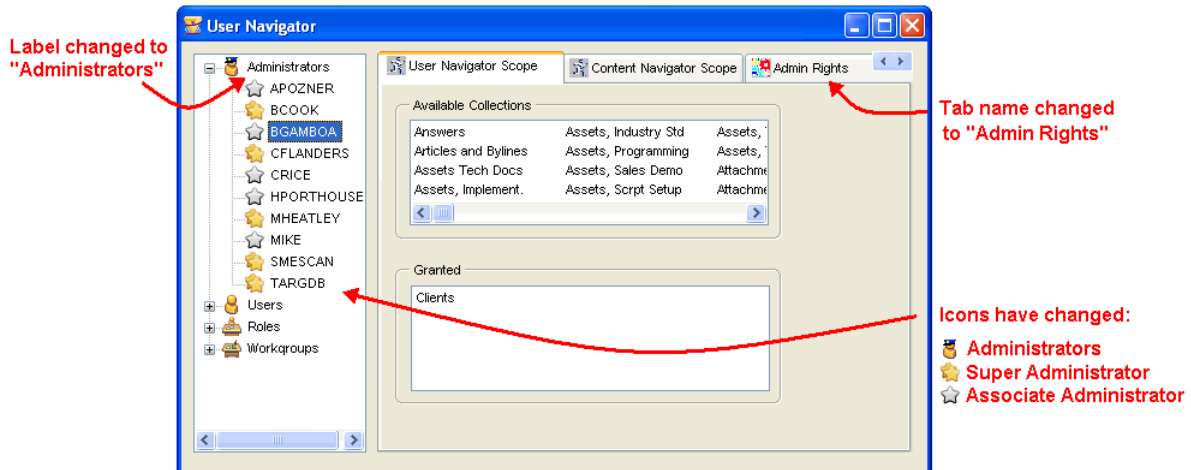
Note: Each client has a DITA configuration that has been customized for their particular needs. Therefore, this report is a guide and not an instruction manual. If you need assistance in upgrading your configuration, contact your support leader for more information on the available service options.

## User Navigator

### • Associate Administrator Adjustments

A few changes have been made in the User Navigator for administrators. The tree view label has been changed to *Administrators* since both associate and super administrators are listed within. The administrator icon has changed to be more consistent with the user icons, and the icons for super administrators (two gold stars) and associate administrators (single silver star) have changed as well.

The Associate Admin Rights tab that displays when an administrator is selected, has been renamed to *Admin Rights*. These tab widths are a fixed width and do not stretch as the window is resized.



On the **User Navigator Scope** tab, collections cannot be added unless the user has the administrator right of *User Navigator*. If the user does not have this right granted to them, then a message will be displayed when the user tries to grant collections.

On the **Content Navigator Scope** tab , collections cannot be added unless the user has the administrator right of *Content Navigator*. If the user does have this right granted to them, then a message will be displayed when the user tries to grant collections.

Some refresh issues have been fixed:

If a user is deleted from the Administrator list, then all administrator rights will be removed. This includes super administrator, associate administrator and all collection-level setup related to these roles.

When the Content Administrator or User Administrator right is removed, then the collection scope related to those roles will also be deleted.

If all Administrative rights are removed when the user is selected, then a refresh will be done to remove that user from the Administrator list in the tree view.

## Metadata Types

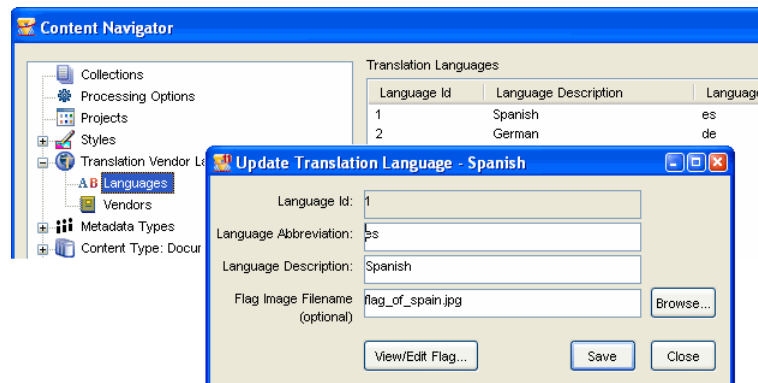
- **Metadata Support for Microsoft Office 2007**

Vasont's Multimedia Metadata capture system now supports Microsoft's Office Open XML formats for DOCX, XLSX, and PPTX.

## Translation Vendor Languages

- **Translation Language Country Flags**

The Translation Language window now has a field for defining a flag image. If a flag image is stored here, the image will display in Vasont's Translation window along with the name of the language. See *Country Flags Added to Translation Window* in the Vasont Editorial Environment section of this document.



## Styles

- **Sub-component Styles for Preview and Review**

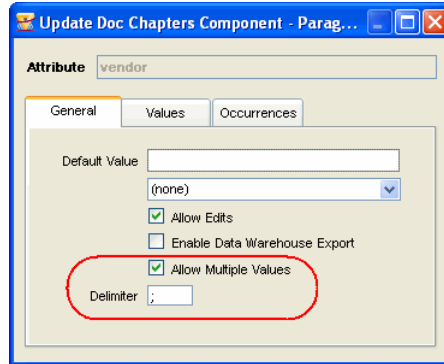
Support for sub-component preview and collaborative reviews is now available. This provides the ability to focus on smaller chunks of content and/or display the content in a different styled format. To configure Vasont previews and collaborative reviews at the sub-component level, the **Styles** tab has been activated on the sub-component's Update window in the edit view. The style and extract view that is built for the primary component can also be used at the sub-component level, or you may define a completely different style and extract view.

## Attributes

- **Multiple Valid Values for an Attribute**

Two new fields have been added to the Edit View Attribute Update window to support multiple valid values on

attributes. Checking the **Allow Multiple Values** box will display an ellipses button next to the attribute in Vasont and allow a user to open the *Select Multiple Valid Values* window. Entering a character into the **Delimiter** box allows you to override the default delimiter of a single space to a character that you prefer. This delimiter is what will appear in Vasont between each of the valid value entries. This capability is especially useful when setting multiple conditions that may be used for conditional extracts of content.

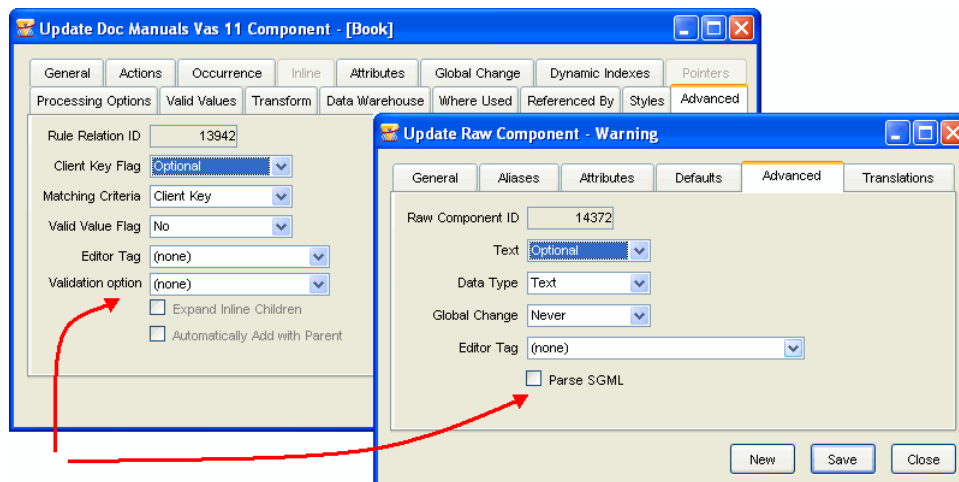


For more information, see *Multiple Valid Value Attributes* in the *Vasont Editorial Environment* section of this document.

## Components

- **Removed Spell Check Boxes**

The spell check box has been removed from the Raw component and Edit View component Update windows, and associated reports.

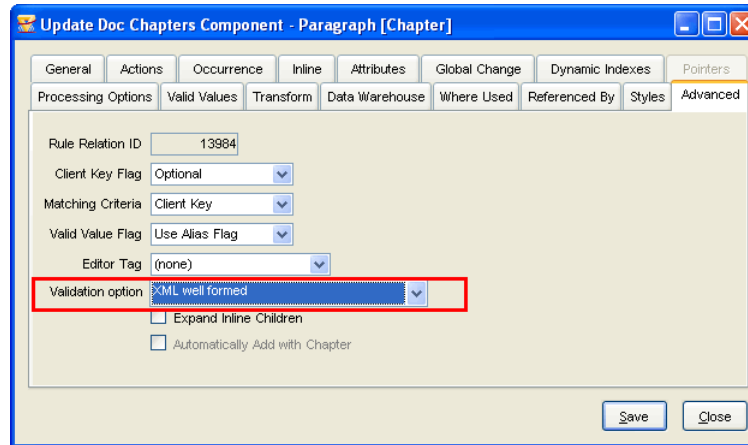


- **Well-formed XML Check**

A text component has the ability to store untracked XML. Until this time, Vasont treated the untracked XML as text and did not perform any validation for matching begin and end tags.

This release introduces a setting on the component's edit view Update window, that will enable well-formed checking of untracked XML tags. The **Validation option** setting is found on the **Advanced** tab. Select **XML well formed** to activate the behavior for a component. Select **none** to disable the checking.

The **Parse SGML** box has been removed from the window and replaced with the **SGML valid** option on the drop-down list for **Validation option**.



The validation option can be set on an individual component, or for multiple components in a batch operation from the **Utilities** → **Batch Update**.

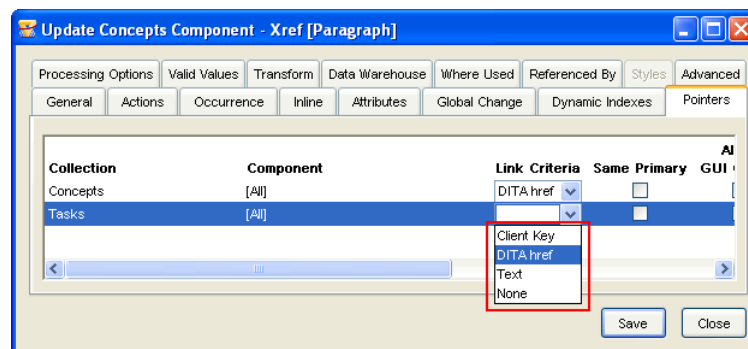
## Pointer Components

### • DITA href Implementation

Vasont manages the automatic creation and maintenance of pointer components and what they point to. The way this is done depends on the “link criteria”, which is setup on pointer components in the Vasont Administrator. Previously, the link criteria options were **Client Key** or **Text**. This project adds the new link criteria option for **DITA href**.

Within DITA the href attribute is used on various elements (e.g. Xref) to define what the component can reference. The DITA specification allows the href to point to another component or to specify a target (e.g. URL) that will not exist in content or Vasont. When the Xref points to something other than another component, current pointer logic would have caused a pointer to be unresolved and have an incomplete status. So new logic has been implemented for DITA href pointers to eliminate them from an incomplete status in these situations.

The update window for an Edit View pointer component presents a Link Criteria list that contains **DITA href**.



**Setup Recommendation:** Since DITA pointers (e.g. Xref) can reference so many different elements, it is best to allow the Xref pointer component to point to **[All]** components within a specified collection. See preceding screenshot.

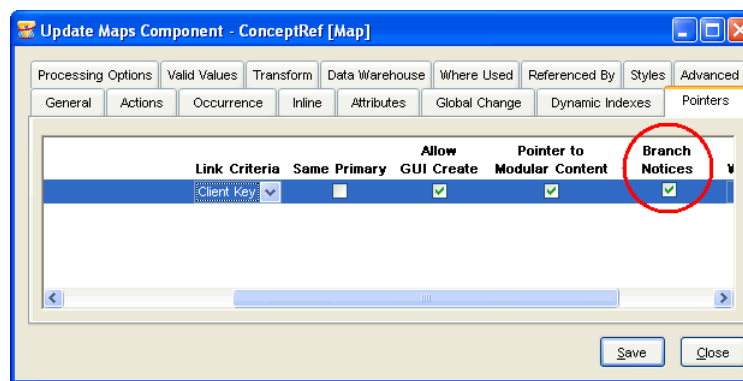
**Setup Conversion Script:** Clients who have DITA configurations may want to update their setup to switch href type components (e.g. Xref) from text components to pointer components. The Vasont Administrator user interface will not allow this to happen if there is related data components in the system. A conversion SQL script

called *dita\_href\_conversion.sql* has been written to switch the raw component in the setup from a text component to a pointer component. In addition, the script toggles all the existing data components in Vasont to a status of incomplete. It will be up to the client to define what components the Xref can point to. After these have all been done, the user can use the Batch Process window in Vasont to resolve incomplete pointers. This process will switch the status to Draft for those Xrefs that have the appropriate values and leave the remainder incomplete for the user to examine. If you are interested in making the Xref conversion, contact your Vasont support leader for assistance.

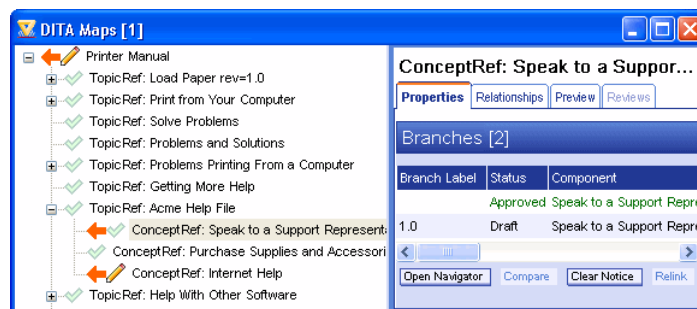
For more information, see *DITA href* section in the *Vasont Editorial Environment* section of this document.

- **Branch Notices for Pointer Components**

In order for Pointer components to be flagged with Branch Notice icons ←, the Pointer records in the component's Edit view must have the **Branch Notices** box checked. This box replaces the Pointer Log box and functionality.



When this box is checked, all pointers of this type that point to content that have a branch created will be flagged with a Branch Notice. In addition, the owners of the pointer content will receive a Notification on their Home Page when the branch primary is approved.



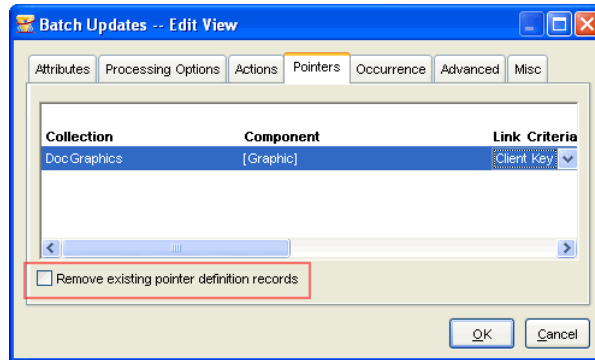
The Branch Notices box may also be updated through the Batch Update window.

See the *Branch Feature* section in the *Vasont Editorial Environment* section of this document for more information.

- **Batch Update Pointer Record Removal**

The Batch Update window in the Vasont Administrator has always allowed you to add pointer definitions to selected components. When adding a new pointer definition to a batch of components, current pointer definitions that already exist on the component will remain. Sometimes this makes sense, but in some cases it does not.

Therefore, an option has been added that allows the user to determine if existing pointer definitions should be removed when applying the new pointer definitions.



The new **Remove existing pointer definition records** check box will remove all existing pointer definition records if it is checked. The default for the new field is unchecked. If the user checks the box, then the first action is to remove all existing pointer definition records from the components. Next, new definition records that have been added to the Pointers tab of the Batch Update window will be applied to the selected components. If the box was checked and no pointer definition records have been added to the Pointers tab of the Batch Update window, then all existing pointer definition records will be deleted, leaving no pointer definition records on the components.

## Support Tables

- **Version Method**

The **Utilities** → **Support Tables** → **Snapshot Method** has been renamed to *Version Method*. In earlier releases, the snapshot terminology was dropped and by default a version is created for all components each time they are loaded, approved, modified in the update window, or cloned. Version on demand is also available for all components. This table is renamed in keeping with the new concept.

- **Component Notification**

The **Component Added** event has been added to the **Utilities** → **Support Tables** → **Notification Events**. It is no longer necessary to kick off a workflow in order to get a notification when a new component is added in Vasont.

- **Delete Source on Move**

**Delete\_Source\_On\_Move** has been added to **Utilities** → **Support Tables** → **System Profiles**. If set to *Yes* it will change the behavior in the system to automatically delete the source component on a Move operation.

If this entry is blank, set to *No* or any other value, the default behavior where the source is set to Pending Delete when a component is moved will occur.

When set to *Yes*, the user performing the Move must have the privilege of “Confirm Pending Delete components” or “Update (full rights)” for the source component. If the user does not have these permissions, then the source component will still be marked with a pending delete status instead of being automatically deleted.

See *Delete Source on Move* in the *Vasont Editorial Environment* section for more information.

- **Email Vasont Shortcut Option**

**Email\_Vasont\_Shortcut** has been added to **Utilities** → **Support Tables** → **System Profiles**. If set to *No* it will change the default behavior in the system so that a Vasont shortcut attachment is no longer included in Vasont generated emails. This includes any email that is launched from an email button in Vasont (e.g. Navigator Details Pane, Workflow window, etc.) and also emails that are sent via processing options (e.g. email\_task).

The **Email\_Vasont\_Shortcut** can be set to *No* to change the default behavior in the system so that a Vasont shortcut attachment is no longer included in Vasont generated emails. This includes any email that is launched from an email button in Vasont (e.g. Navigator Details Pane, Workflow window, etc.) and also emails that are sent via processing options (e.g. email\_task).

See *Email Vasont Shortcut Option* in the *Vasont Editorial Environment* section for more information.

- **Graphical Image Picklist**

The graphical image picklist can be enabled for a collection by going to **Utilities → Support Tables → System Profiles**.

The collection ID should be entered into the **Graphic\_Collections**. Multiple collections may be identified by separating them with a comma.

See *Graphical Image Picklist* in the *Vasont Editorial Environment* section for more information.

## Component Level Translation

The Component Level Translation configuration recognizes existing translated content for a component and allows the extract of components based on whether or not they need translation. The configuration relies on the standard Vasont translation setup being in place. It also utilizes the *translation relationships* to be configured on the Raw Components in the Vasont Administrator.

The *translate\_modules* processing option has been enhanced with a new argument that defines an attribute that states whether the component found an existing translation in the raw material or not.

Three new processing options have been introduced for creating, maintaining and updating the components during component level translation activity:

- **remove\_text\_no\_attribute:** This processing option determines whether the component that it is applied to should be extracted for translation or not. If an existing translation is found for the component, then only the tags are extracted to the XML file for translation. If a translation does not exist in the system, then the tags and the text of the component are extracted to the XML file.
- **prevent\_update\_no\_text:** This processing option prevents the alteration of components that had existing translation in the system, and only allows new translations for the component to be loaded.
- **create\_translation\_relation:** This processing option creates a translation relationship in Vasont for the newly translated components. Once the relationship is created, the available translation for the component can be viewed from the Details pane → Relationships tab → Translation information bar.

Read more about each of these processing options in the *Vasont Processing Option Guide*.

Note: Some translation vendors require a specific amount of data so they are able to translate in context. Before implementing component level translation in Vasont, check with your translation vendor to confirm that they will accept components for translation.

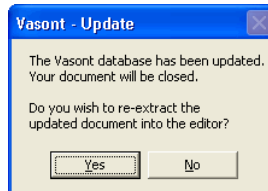


## Vasont Universal Integrator

The items in this section outline the enhancements and new features in the Vasont Universal Integrator (VUI) for Vasont ST. This is a major release that includes items that have been developed since release 12.0.

- **FrameMaker Prompt for Re-extract**

Normally when updating the Vasont database from FrameMaker VUI, the user is prompted to re-extract the updated content so they can continue working.



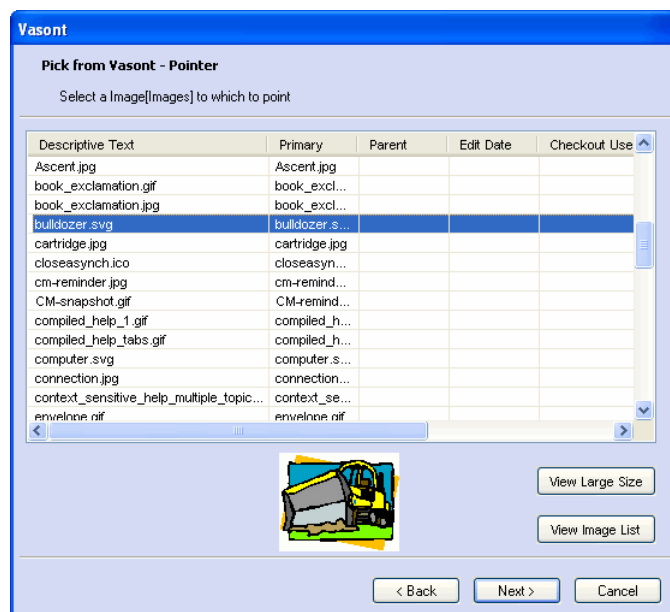
A new setting in the `vasont_fm_ui.ini` file is now available to bypass the re-extract prompt. To set the bypass for re-extract prompt, add the following section to the `vasont_fm_ui.ini` file:

```
[UpdateVasont]
PromptForReExtract=No
```

The `vasont_fm_ui.ini` file is located in your Windows folder. If it does not exist, create it using a simple text editor like Notepad.

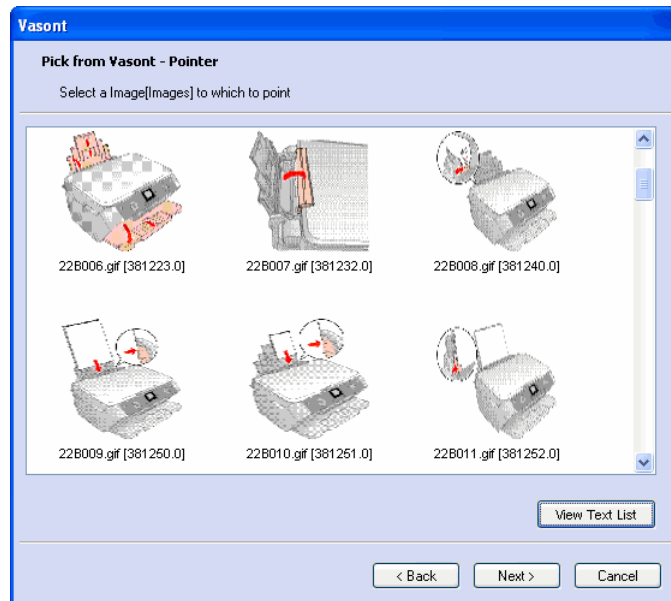
- **Picklist Enhancement**

The Picklist has been enhanced so that when the **Pick from Vasont** option is selected for a graphic component, the entries in the list will have the ability to display a thumbnail image.



The image can be viewed in a larger size by clicking the **View Large Size** button.

An array of thumbnails may be displayed by clicking the **View Image List** button. For performance reasons, this view will display the first 50 images that meet the filter criteria. Therefore the use of detailed filters with this option is essential.



Selecting an image from the list and clicking **Next** will insert the image into the document.

## Processing Options

The following processing options are new or altered for Vasont ST. This is a major release that includes processing options that have been developed since release 12.0.

### New Processing Options

add_terms_to_controlled_vocabulary	prevent_complete_descendant_required
ancestor_from_attribute	prevent_completion_modular_workflow
assign_user_by_metadata	prevent_update_no_text
attach_other_attribute	ref_extract_conref
batch_custom_script	remove_carriage_returns
blob_to_file_att_convert	remove_processor_instructions
check_in_out_english_primary	remove_tags_on_load
child_component_client_key	remove_text_no_attribute
child_multimedia_from_attribute	remove_xml_comments
client_key_component_sequence	review_attachments_from_descendant
conditionally_extract_based_on_metadata	review_attachments_from_pointer
copy_attribute_to_child	sequence_collection_attributes
create_date_to_attribute	sequence_pointee_primary
create_translation_relation	set_ancestor_text
display_modular_workflow_projects	set_ancestor_text_via_parent
edit_date_to_attribute	set_component_text_to_date
email_add_by_attribute	start_new_workflow
extract_xml_blob_approved	task_notification
filename_to_attribute	track_cache_changes
initiate_workflow_by_date	translate_components_on_load
localization_clone_to_blob	translation_extract_by_component
move_annotations_on_clone	translation_language_select
move_workflow_on_clone	unii_code_validation
pdf_extract_right_click	update_english_attribute
pointer_ancestor_text_display	update_window_text_case
populate_revision_attribute	validate_against_controlled_vocabulary

### Processing Options With Additional Arguments

approve_descendants	<b>use_stored_procedure:</b> [optional] If set to yes the stored procedure version of the processing option will be used.
attach_value	<b>position:</b> Determines whether the value to be attached is <i>before</i> or <i>after</i> data value of attribute or filename. If the option of <i>before_file_extension</i> is chosen then the existing value will be searched to see if a file extension exists. If so,

	the value argument will be placed before the extension. If no file extension is found, then the value argument will be placed after the current value.
check_out	<b>required:</b> [optional] If this argument is set to “yes”, then the check out must be allowed in order for the workflow task to be initiated. If the component cannot be checked out, then a message will be displayed stating why the check out was not allowed and that the workflow task was unable to be initiated. For example, if the content is currently checked out to another user, then the check out would not be allowed. The default value is “no”.
clone_primary_to_collection	<b>confirmation_message:</b> [optional] If this is set to Yes, then the user will be given a message after they have selected this option from the right-click menu. The message will ask the user if they want to continue with the clone process. The default value is “No”.  <b>completion_message:</b> [optional] If this is set to “Yes ”, then the user will be given a message after the clone process finishes stating that the process has completed. The default value is “No”.
file_to_blob	<b>any_extension:</b> [optional] Find a file with any extension (yes or no). Set to “yes” to search for file with any extension whose name matches.
generate_child_specific	<b>client_key:</b> [optional] Specifies the client key that should be placed on the generated component. One reason to use this argument would be to identify what a generated pointer component should point to. If the link criteria of a pointer is client_key and this argument is populated with a valid client key that can be referenced, then the generated pointer component will link up upon creation.
ref_child_extract	<b>tag:</b> [optional] Specifies tag(s) that should be stripped, but have the text within them maintained. For example, assume “phrase” is specified and the text to be extracted was the following: <phrase>This is a phrase</phrase>. This text that would be extracted is “This is a phrase”. If you have the strip_tags argument set to “yes”, note that the tag(s) entered in this argument will process before the removal of all tags.
translate_modules	<b>component_translation_attribute:</b> If specified, this invokes logic to utilize component level translation. The attribute specified will exist on the components in the translation collections that contain translation relationships. For these components, the attribute will be set to “yes” if the component has not previously been translated. If a previously translated match exists, then this attribute will be left empty.  <b>translate_override_value:</b> [optional] Allows primaries to not be translated based on an attribute value on the source (e.g. English) primary. The attribute will be defined by the argument “attribute name”. For example, assume that some primaries may not require translation. A common example may be images. This allows users to set the translation attribute equal to some value such as “complete” on the English component. If this is set, the primary will be cloned to the corresponding translation collection, but will maintain the translation attribute value and not be sent out for translation.
translation_clone_to_blob	<b>ignore_attribute:</b> [optional] Specifies an attribute that will cause content to not be processed by this processing option. This works in conjunction with the <i>ignore_values</i> argument. If an attribute specified here has a value equal to one of the values in the <i>ignore_value</i> argument, then the content will have its client key switched to the value argument and not continue with the normal processing. For example, assume the ignore_attribute is “role” and the ignore_value is “technical_support”. If a Section is being processed and it has a role attribute equal to “technical_support”, then that Section would not be processed as nor-

	<p>mal. The corresponding Section Ref would have its client key set to “technical_support” plus the language extension.</p> <p><b>ignore_value:</b> [optional, repeatable] This argument works in conjunction with <i>ignore_attribute</i>. See the description of <i>ignore_attribute</i> for a full definition of how these two arguments function together.</p>
--	--

## Processing Options With Modified Functionality

convert_legacy_conref	<p>This processing option now uses the primary component's client key for the first piece of the conref value, rather than the Vasont entity ID.</p> <p>A conref's value, <b>v123456.xml#v123456/v789012</b>, is constructed in the following format:</p> <ol style="list-style-type: none"> <li>1. <i>v123456.xml</i> = The client key of the primary of the referenced component + .xml.</li> <li>2. <i>#</i> = Required DITA separator</li> <li>3. <i>v123456</i> = The client key of the primary of the referenced component.</li> <li>4. <i>/</i> = Required DITA separator.</li> <li>5. <i>v789012</i> = The client key of the referenced component.</li> </ol>
convert_legacy_conrefs	<p>This processing option now uses the primary component's client key for the first piece of the conref value, rather than the Vasont entity ID.</p> <p>A conref's value, <b>v123456.xml#v123456/v789012</b>, is constructed in the following format:</p> <ol style="list-style-type: none"> <li>1. <i>v123456.xml</i> = The client key of the primary of the referenced component + .xml.</li> <li>2. <i>#</i> = Required DITA separator</li> <li>3. <i>v123456</i> = The client key of the primary of the referenced component.</li> <li>4. <i>/</i> = Required DITA separator.</li> <li>5. <i>v789012</i> = The client key of the referenced component.</li> </ol>
m_gen_cdx_image_magnif_scaling	<p>This processing option was formerly known as <b>m_gen_cdx_image_mbond_scaling</b>.</p> <p>Scaling is performed by adjusting the CDX's magnification via the ChemDraw Scale() API function and includes logic for a workaround (identified by CambridgeSoft) to address Label and Text scaling issues. The use of Scale() and the workaround are the route recommended by CambridgeSoft, in July of 2009, to address known issues with the ChemDraw Automation component and prepare for the use of ChemDraw 11.</p>
update_ancestor_attribute	<p>Modified description: After an add, change, or delete occurs to a component in a source collection, this processing option walks the ancestry and looks for the first matching ancestor, specified by the ancestor_component argument. If an ancestor is found, the attribute on the component, specified by the attribute_name argument will be updated with the current date and timestamp. The format for this timestamp will be in a 24-hour, mmddyyhhmmss format. The Edit Date of the ancestor component will be updated with the same value.</p>
update_ancestor_attribute_att	<p>Modified description: After an attribute add, change, or delete occurs to a component in a source collection, this processing option walks the ancestry</p>

and looks for the first matching ancestor, specified by the ancestor_component argument. If an ancestor is found, the attribute on the component, specified by the attribute_name argument will be updated with the current date and timestamp. The format for this timestamp will be in a 24-hour, mmddyyyyhhmmss format. The Edit Date of the ancestor component will also be updated with this same value.
---

## Processing Options With Additional Events

initiate_task	Has been added to the <b>extract_entity_post</b> event
---------------	--

## API

The following APIs have been added for Vasont ST.

- f\_get\_thumbnail\_file
- f\_get\_thumbnail\_file\_fullsize

## Software Fixes

The following issues have been fixed for Vasont ST.

### Vasont

- **Moving Referenced Content**

The system now disallows moving referenced content to a location where the pointer components that currently point to it are not defined. For example, a component is moved from one collection into another collection. The content being moved has pointers pointing to it in the original collection, but the pointers are not configured to point to the content in the new target collection. The system will now report the error and disallow the movement.

- **Load\_global\_change with Server Load**

Fixed the problem where load\_global\_change was not functioning when used with server load.

- **Conref Extract File Extension**

When a DITA conref exists in content that is being extracted from Vasont, the referenced content is automatically extracted. The old logic was to extract the referenced content into a file with the XML file extension. New logic will look at the file extension setting on the extract view being used to extract content reference files and use the specified file extension. If no extension is set on the extract view, the default extension will be XML.

- **Preview EPS Extension**

The blob\_file\_att\_convert processing option now supports EPS files and therefore will display EPS graphics with Vasont Preview.

- **Opening Workspaces Issue with Open Modular Content**

Saved Workspaces will now remember content in navigators that were opened using the Open Modular Content feature.

- **Vasont Seat Counting**

Fixed the issue where a Vasont seat count was exactly 1 below the number of allowed seats, and a user attempting to log in to Vasont, Vasont Administrator, or Vasont Universal Integrator got a message indicating “Maximum number of Vasont seats exceeded” if they already had another Vasont application running.

- **Client Key Matching**

Refined the client key matching algorithm to ensure that only correct matches are reported. Several of the Vasont processes that rely on the client key matching algorithm, such as translation management processing options, were incorrectly reporting “related content”.





# Release ST 2.1

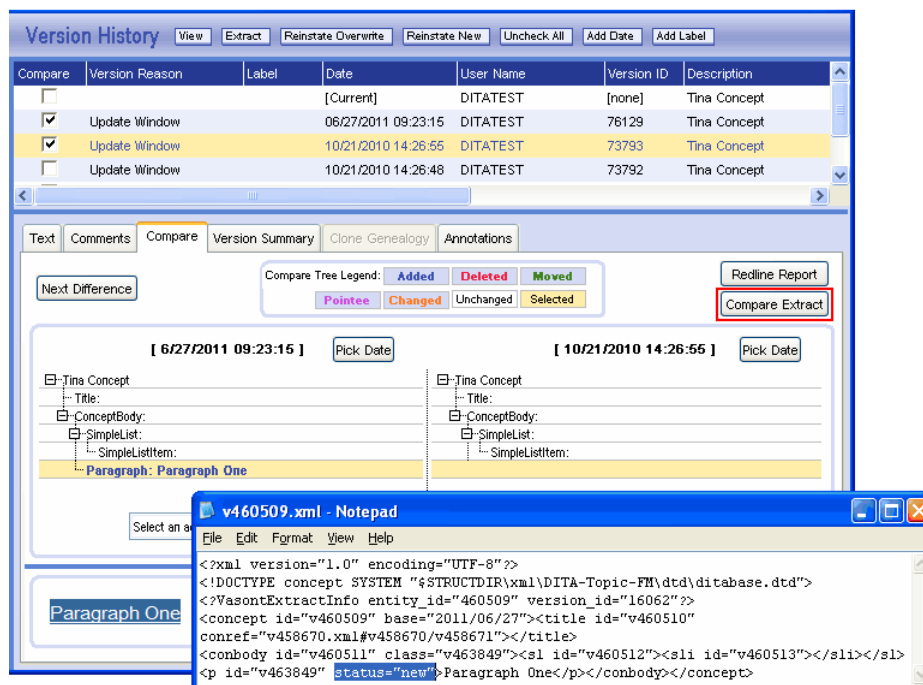
## Vasont Editorial Environment

This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.1.

### Version Compare Extracts

A new feature has been added to Vasont's version capabilities. In the Version History window, users can now run an extract that will show the differences between two versions of content. This feature is implemented by using a new processing option *compare\_extract\_attribute* and the new **Compare Extract** button on the Version window.

When two version records are marked on the **Compare** tab of the Version History window, a **Compare Extract** button is enabled. The content extracted is the newer version, but contains attributes indicating changed or added content from the older version.



Further processing of the extracted content can be done with a custom XSLT or Cascading Style Sheet to display the additions and changes with special formatting. For example, change bars can be displayed, or new paragraphs may have a yellow highlighted background, while modified paragraphs may have a green highlighted background.

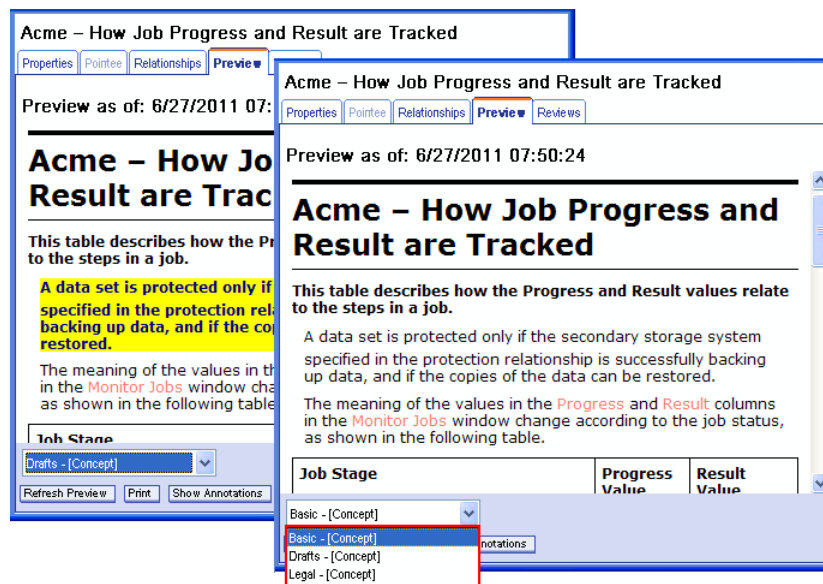
## Multiple Preview Displays

Multiple styled previews can now be defined for a component in Vasont. As in the past, when a component is selected in the Navigator, a preview will appear (providing your collection has been configured to display one) in the Preview tab of the Details pane. The preview will first display the default preview for the component. If there is more than one preview assigned to the component, or a sub-component is selected and there are previews defined on its ancestor, then the preview selection box will appear at the bottom of the pane.

By selecting a specific preview option, the display will change to present the content according to the style's extract view and stylesheet. See the [Vasont Administrator](#) section for configuration information.

Having the ability to display multiple previews allows you to present content in a manner that is most important to the audience or for a specific purpose. Consider developing multiple previews for viewing:

- Content based on the delivery product—perhaps type fonts and sizes vary depending on the product, or maybe various pieces of content are omitted for a specific product line.
- Content styled for departments that wish to have certain items of the content emphasized or highlighted—maybe the Legal department would like regulatory content highlighted to show whether it is approved or pending approval.
- Content by emphasizing changed content (combine the extract with the new processing option, *compare\_extract\_attribute*)—allows users to quickly spot where recent changes have occurred.
- Specific language display in translated collections—the font may need to change because of the language, or perhaps you would like to highlight content by its translation status.
- Content based on component reuse (combine the extract with new processing option, *extract\_attrib\_where\_used*, *extract\_attrib\_modular\_uses*, *extract\_attrib\_contef*, *extract\_attrib\_branches*)—allows you to highlight content that is reused or referenced.



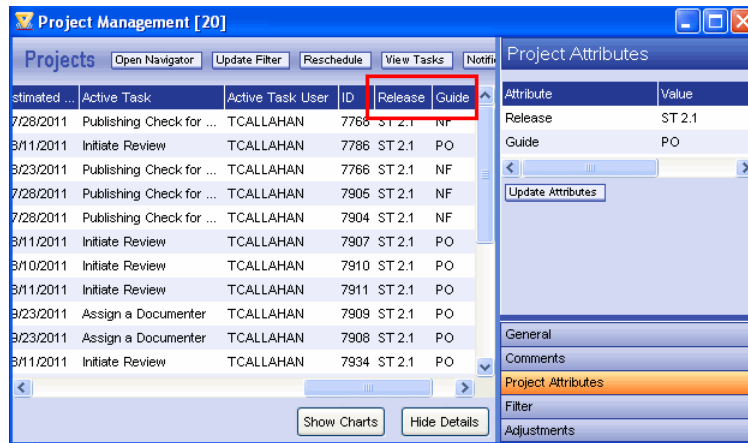
## Preview Navigation

This enhancement allows you to easily find and quickly navigate to a component in the navigator tree by locating it first in the preview pane. Simply right-click on a component in the Preview pane, and the component selection in the navigator will change to the selected preview component. For example, assume you select a Paragraph in the styled Preview pane and right-click on it, then the navigator tree view will automatically select the paragraph.

Note: The right-click option for navigation is not available when in the Show Annotation mode.

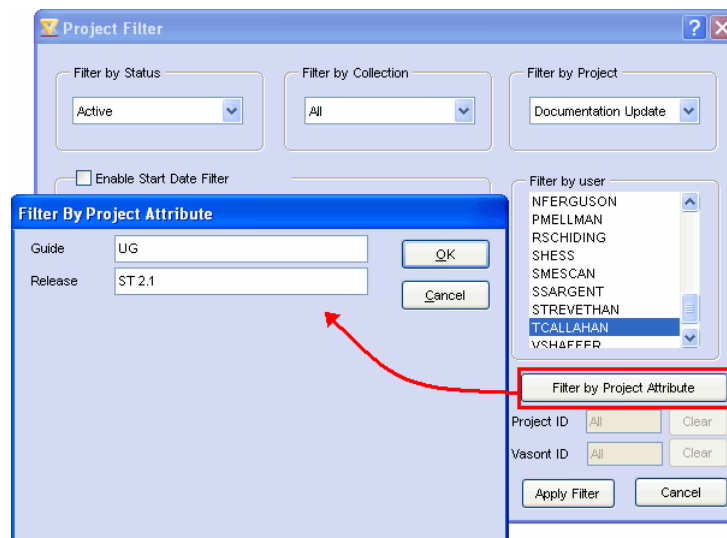
## Project Management Attributes

Attributes can now be applied to a Workflow Project so that additional metadata can be placed into the Project Management window display. The attributes must first be applied to the Workflow Project in the Vasont Administrator, and then they can be populated on active workflow in Vasont. In the following example, an attribute for the product release and specific documentation guide are illustrated. When the attributes are configured, they will appear as a column in the Project Management Window, and also on the new **Project Attributes** information bar in the Details pane. The attributes are also available for Project Management Reporting.



The **Update Attributes** button on the Details pane Project Attribute information bar allows access for defining or altering an attribute value.

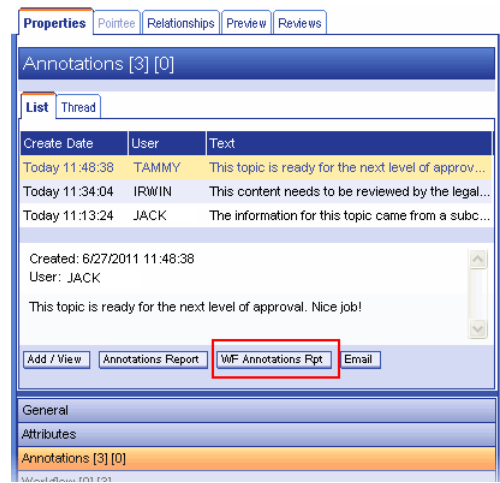
The Project Filter has a **Filter by Project Attribute** button so that the Project Management window can be populated with entries that meet specific criteria based on project attribute values. Values may be entered directly in the box or selected from a drop-down list of valid values. Searches are case sensitive and the attribute criteria is added to the filtering criteria also set in the main filter window. Once the entries are retrieved to the Project Management window, the filter criteria can be viewed on the **Filter** window.



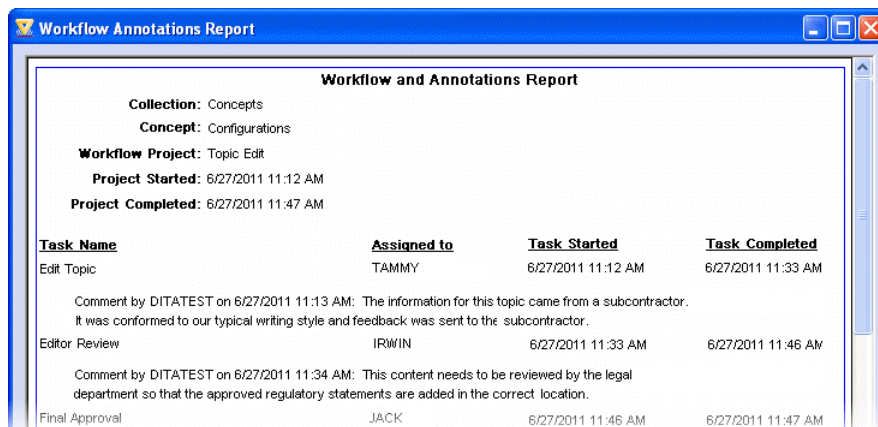
## Workflow Annotations Report

A Workflow and Annotations Report is now available from the Annotations information bar on the navigator Details pane and Workflow Details pane. This report gives visibility to the component's annotations, as well as the workflow tasks.

Having this information available in a report, along with the information about the task that they are applied to can be helpful for users, as well as project managers.

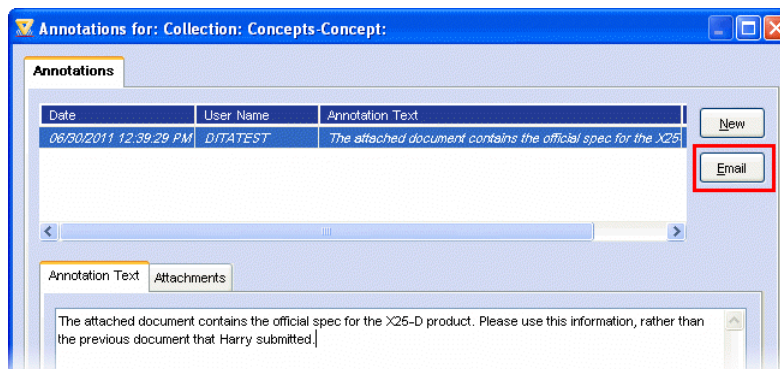


Information about the workflow project, completed tasks with dates and user assignments, and annotations appear in the report. The report can be navigated or printed using the normal Vasont report features.



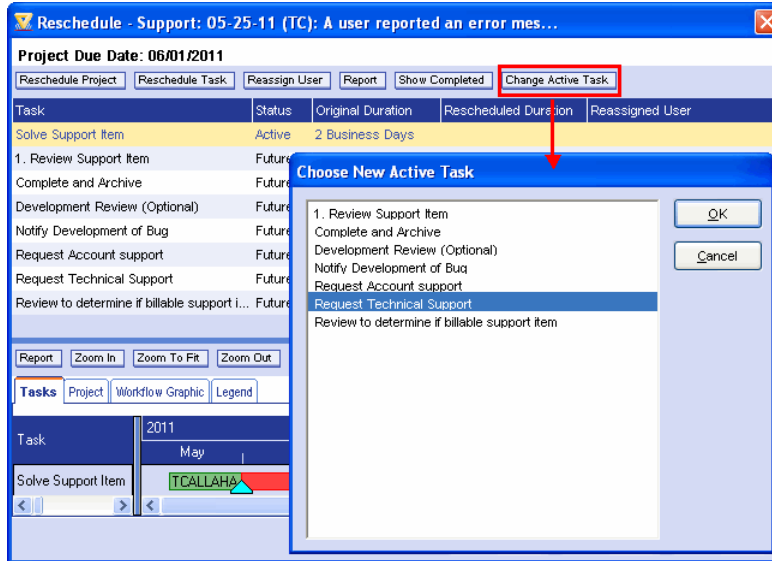
## Annotation Emails

An **Email** button is now available on the **Annotations** window so that you can quickly send emails while viewing or creating an annotation. The email button works like all other email buttons in the system.

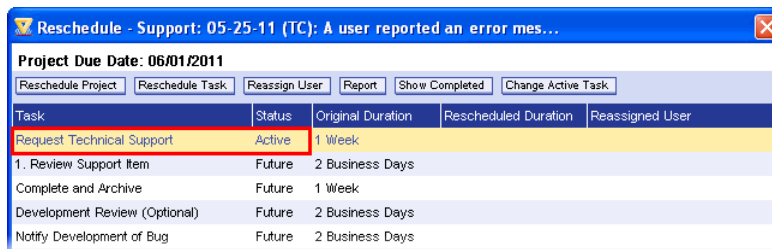


## Change Active Task

If you have the Workflow Scheduling Override privilege and your system has the “Change Active Task” profile set to “Yes”, you will see the **Change Active Task** button on the **Reschedule** window. Clicking this button will allow you to change the currently active task to another task. The task list that displays will include all possible tasks, listed in alphabetical order, for the workflow project, except the current task. This can be useful when it is necessary to back up to an earlier workflow step that does not have a loopback specifically defined in the workflow.



Selecting a task from the list and clicking **OK** will end the current task and initiate the selected task. All logic related to task creation will be honored (i.e., auto-assigning, sending emails, etc.). Exceptions may occur with starting secondary workflow or automatically checking in a component.



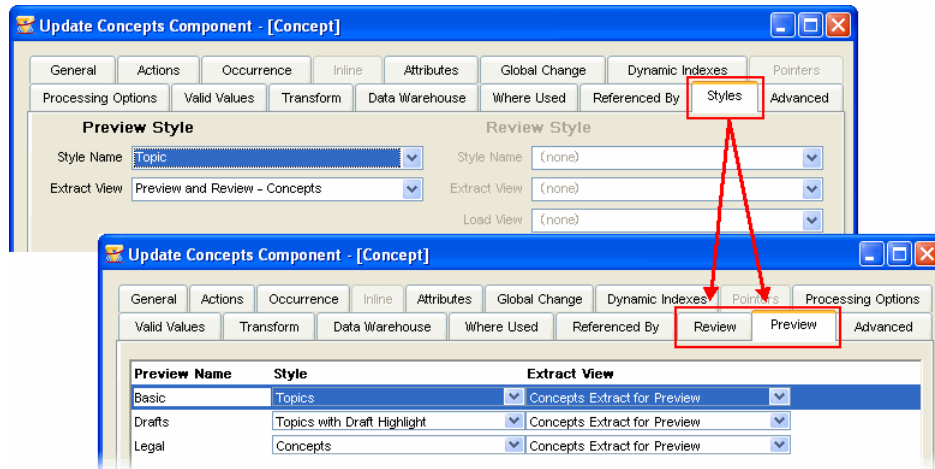
See [Change Active Task System Profile](#) in the [Vasont Administrator](#) section for information on configuring this behavior.

# Vasont Administrator

This section outlines the enhancements and new features in the Vasont Administrator for Vasont ST 2.1.

## Multiple Preview Display Configuration

The Edit View component Update window has been modified to support multiple preview displays. The **Styles** tab has been replaced by two tabs; the **Review** tab and the **Preview** tab.



The **Review** tab has the same choices and functionality as the review portion of the previous **Style** tab.

The **Preview** tab now defines multiple preview styles for the component. A right-click menu allows adding, deleting and inserting rows. As in the previous Style tab, previews are defined by a Style and an Extract View from a drop-down list. The Preview Name field identifies style and extract view combination, and also identifies the preview choice in Vasont. See the [Vasont Editorial Environment](#) section for more information.

The order the previews appear in the list will determine the order the previews are displayed in Vasont. The preview that is on the top row in the Vasont Administrator is the default preview that users will see when they perform a preview of this component.

Unique preview displays can be achieved by manipulating the extract view and Cascading Style Sheet formatting. Consider creating previews for products with variable output, separate business units who only want to see specific information, displaying system and content metadata, and much more.

New processing options are available in this release to assist in creating new types of previews:

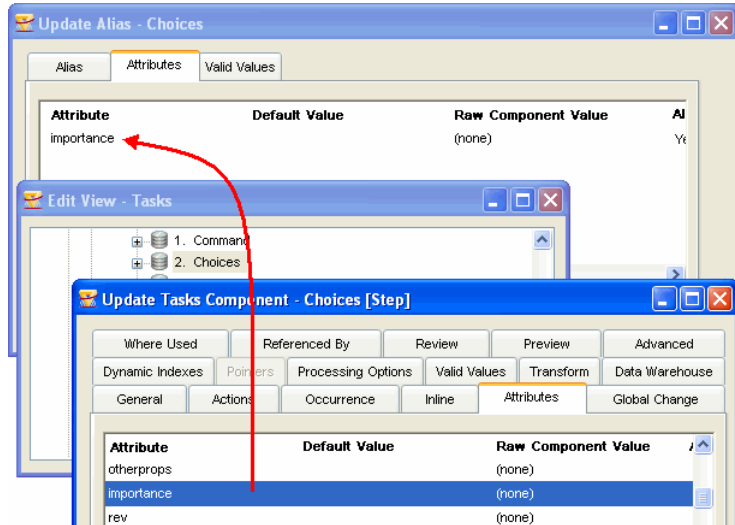
- Viewing new or changed components—See *compare\_extract\_attribute*. This new processing option provides the ability to populate attributes based on comparison information from two versions in Vasont. The attribute values can then trigger style sheet formatting to highlight or emphasize components that are new or have changed between versions.
- Viewing component reuse—See *extract\_attrib\_where\_used*, *extract\_attrib\_modular\_uses*, *extract\_attrib\_con-ref*, *extract\_attrib\_branches*. These new processing options provide the ability to populate an attribute with reuse information. The attribute values can then trigger style sheet formatting to highlight or emphasize components that have multiple usage.

## Alias Attribute Enhancements

Some enhancements have been added for creating and updating alias attributes.

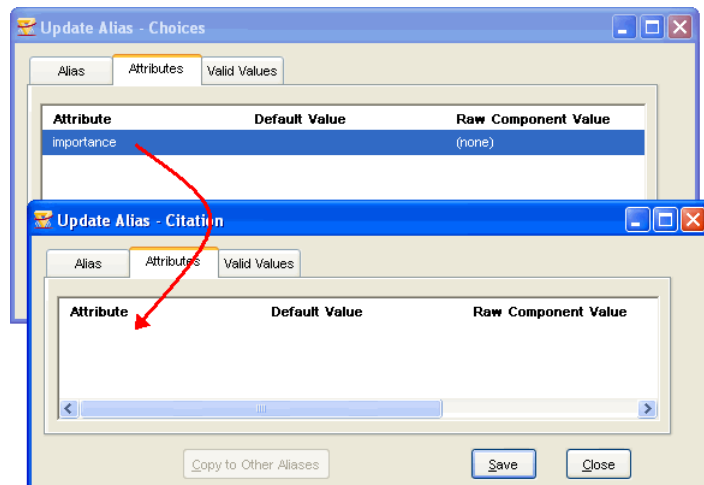
### Drag and Drop Component Attributes to Alias Attribute Window

This enhancement enables the user to select an attribute row on the Attributes tab of a component's edit view update window and drag it to a target Alias Attribute tab.



### Drag and Drop Alias Attributes to Another Alias

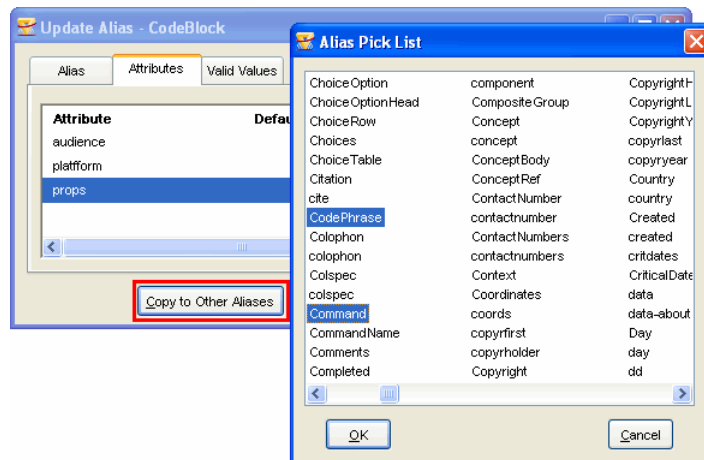
This enhancement enables the user to select an attribute row on the Attribute tab of the source Alias and drag it to the Attribute tab on a target Alias.



### Copy Multiple Alias Attributes to Other Aliases

This enhancement allows the user to select one or more attributes for an Alias and then copy them to one or more target Aliases by clicking the **Copy to Other Aliases** button.

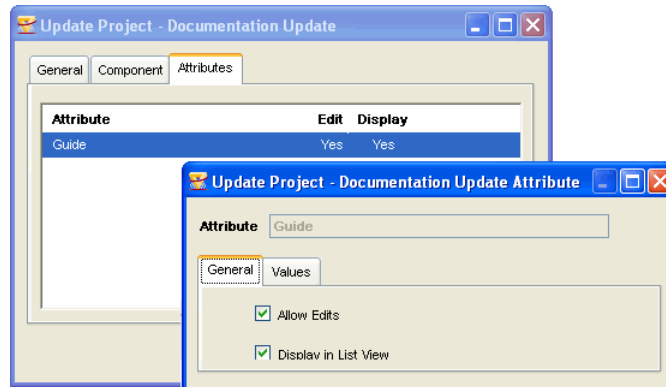
A message box will display to inform the user of the number of attributes that will be copied to the target aliases. Clicking OK will continue with the attribute copying, or Cancel will abort the process.





## Attribute Tab for Workflow Projects

Workflow Projects have a new tab for defining attributes. The attributes placed on this tab are selected from the Attribute pool in the content type. The attribute setup allows you to define if the value can be edited, or if it should display in the Project Management window (see [Project Management Attributes](#) in the [Vasont Editorial Environment](#) section). Valid values may also be defined for an attribute so that users can easily select from a list when working in Vasont.



## User Defined Processing Option - Metadata Completion

The User Defined Processing Option (UDPO) feature allows custom programs to be called when various processing events in the system occur. Recently, Vasont Systems has built a UDPO that may be configured and used by clients. The purpose of this UDPO is to prompt the user to fill in attribute metadata prior to completing a workflow task.

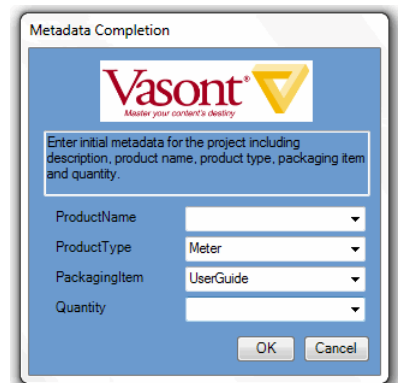
A window similar to the one shown at the right will display when the user clicks the workflow **Complete Task** button.

The user will enter a value into each of the text boxes, or make a selection using the drop-down list.

If the user clicks **OK** and the required attributes have not been populated, then a message will be display and the window will remain open.

If all required attributes have been populated, then the attributes will be updated on the component and the workflow task will be completed.

The normal Vasont interface will then prompt the user for workflow task completion options (i.e., next task selection, user selection, etc.).



The installation package consists of the program and an XML configuration file that allows clients to customize this window. (i.e., window title, graphic icon, text instruction, attribute labels, and completion message).

If you are interested in using this UDPO, contact your support leader for more information.

## Change Active Task System Profile

A new system profile is available that will give users with the Workflow Scheduling Override privilege the ability to change the active task on an active workflow project. To change the system default behavior, and allow active tasks to be changed by those with the Workflow Schedule Override privilege, go to **Utilities** → **Support Tables** → **System Profiles** and set **Change\_Active\_Task** to **Yes**.

See [Change Active Task](#) in the [Vasont Editorial Environment](#) section for more information.



## Processing Options

The following processing options are new or altered for Vasont ST 2.1.

### New Processing Options

annotation_email_recipients	extract_attrib_branches
annotation_on_ancestor	extract_attrib_conref
attribute_to_project_attribute	extract_attrib_modular_uses
change_attribute_annotation	extract_attrib_where_used
change_user_attribute_email	reassign_task_annotation
client_key_project_attribute	reassign_task_email
compare_extract_attribute	

### Processing Options With Additional Events

sort_component_alphabetical	Has been added to the <b>post_edit</b> event.
-----------------------------	---

### Processing Options With Additional Arguments

attribute_from_id	<b>overwrite:</b> [optional] Defines whether the existing attribute value should be overwritten. The default is “no”.
blob_load_primary_mm_component	<b>component:</b> Specifies the primary (top-level) component to be created if it does not exist. Must have a raw class of multimedia.  <b>match_attribute:</b> [optional] Specifies an attribute to be used for matching purposes. Default behavior is to search for a matching primary to overlay by comparing the file name being loaded to the Description field of existing primary components. If this argument is used, then the first match search will be done by comparing the file name being loaded to the value of the attribute that is specified. The attribute must exist on the primary component. If no match is found from the attribute, then secondarily the default method of comparing file name to the Description will be done.
translate_modules	<b>module_only_value:</b> [optional] Defines whether the root level English primary (e.g. Map, Manual) should or should not overwrite an existing translation language primary during a clone. In the case where a match exists in the translation collection for a language, then an overlay clone will not be performed and the translation attribute on the target primary will be set to the value specified in this argument.

## Software Fixes

The following issues have been fixed for Vasont ST 2.1.

### Vasont

- **Queries Using Attribute Values**

Fixed the situation that caused incorrect query results when an attribute's text value was used as query criteria. Depending on the length of the value specified and use of wildcards, Vasont sometimes utilizes an alternate index in Oracle to optimize the query. In certain circumstances, the query engine would erroneously utilize the optimized index with longer attribute values (over 30 characters) and fail to return appropriate results.

- **Navigators Refresh when Primary Selected by Search**

Fixed the situation where the Details Pane did not refresh when a primary was automatically selected by a Search query.

- **Keyboard Delete**

Fixed the issue where the keyboard delete key could be used to place a component into pending delete when the content is checked out or owned by another user.

- **Version Extract Efficiency**

Improved performance for extracting a version of a sub-component with many descendants. The extract of a sub-component version was slow and in some cases would not extract at all.

- **Clone\_Pre Processing Options**

Fixed the issue where clone\_pre processing options were not called when a clone occurred from a sub-component in order to create a primary component.

# Release ST 2.2

## Vasont Editorial Environment

This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.2.

### ***Electronic Signatures***

Electronic signatures can now be attached to content in the Vasont system by means of workflow and annotations. They are a mechanism for recording the approval or certification that the requirements of the task or the content of document meet the expectations set forth.

This functionality must be set up in the Vasont Administrator by applying *electronic\_signature\_task* processing option to a workflow task.

In Vasont, when a user completes the task that is configured with this functionality, a window displays that requires the user to enter their login credentials.

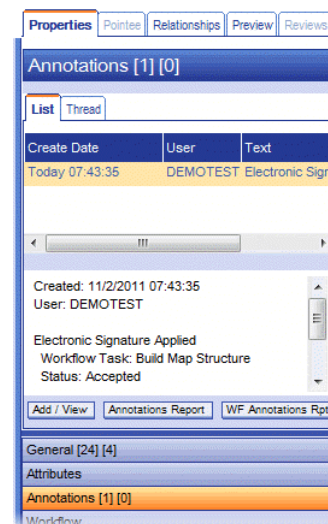
If the user login and password are confirmed, the Electronic Signature Confirmation window will display. In this window the user indicates whether they accept or reject the content or task that they are performing, and enters any comments they may have. When the OK button is clicked the signature will be applied as an annotation to the component to which the workflow task is attached.



The dialog box titled "Electronic Signature Confirmation" has a light blue background. At the top, under the "Action" label, there are two radio buttons: "Accept" (selected) and "Reject". Below this is a text area labeled "Electronic Signature Comment (optional):" containing the text: "I have accepted the contents of this map and stamp it with my approval. It meets the standards that the regulatory body requires." At the bottom right are "OK" and "Cancel" buttons.

The signature can be viewed from the component or the workflow task Details pane using the standard annotation features. Since the signature is a component annotation, it cannot be altered or deleted from the system.

To view the signature details and comments, select Add/View, Annotations Report, or WF Annotations Rpt.



The screenshot shows the "Annotations [1] [0]" pane in the Vasont interface. It has tabs for "List" and "Thread". The "List" tab is active, showing a table with columns "Create Date", "User", and "Text". One entry is visible: "Today 07:43:35", "DEMOTEST", "Electronic Sign...". Below the table is a scrollable area showing details for the selected annotation: "Created: 11/2/2011 07:43:35", "User: DEMOTEST", "Electronic Signature Applied", "Workflow Task: Build Map Structure", "Status: Accepted". At the bottom are buttons for "Add / View", "Annotations Report", and "WF Annotations Rpt".

## Batch Branching for Modular Content

The Modular Branching feature allows users to create branches simultaneously of both a primary component and any modular content that its descendants may point to. It saves time by eliminating the need to navigate to modular pointees and initiating branches and relinking them to pointers.

When **Actions** → **Create Branches** is selected, a new Modular Branching window will display. This window is similar to the old window, in that the Branch Label and Comments field are present. In addition, a list of modular content that is referenced from within the content will display (providing there is any). Check the boxes for modular content that you wish to branch as part of this process.

By default, the primary component from which the branch process is initiated is checked, but it may be unchecked if you only wish to branch the selected referenced modular content.

Click the OK button to begin the branching process. Any pointers within the primary will be relinked to the newly branched modular content. When the process has completed, a confirmation message will display.

Collection	Branch Label	Description	Edit Date	User	Client Key
<input checked="" type="checkbox"/> Doc Chapters		Release ST 2	11/07/2011	TCALL...	v1685617
<input type="checkbox"/> DocGraphics		big-V-4_75inw3.jpg	08/06/2009	TCALL...	big-V-4_...
<input type="checkbox"/> DocGraphics		gradient.gif	08/06/2009	TCALL...	gradient.gif
<input checked="" type="checkbox"/> DocGraphics		vasont_cover_log...	08/06/2009	TCALL...	vasont_c...
<input type="checkbox"/> DocGraphics		vasont_systems_...	08/06/2009	TCALL...	vasont_s...

## Saving and Reusing Conditional Extract Sets

The Conditional Extract window has been extended with options for saving the defined fields for later recall.

After attributes and their values have been selected for filtering the extracted content, Step 6 in the Setup Extract window allows you to save the settings for recall in another session. The saved set can be shared with other users, if you choose.

When you enter this window, Step 1 allows you to select a pre-saved set so that you can quickly and accurately perform the extract.

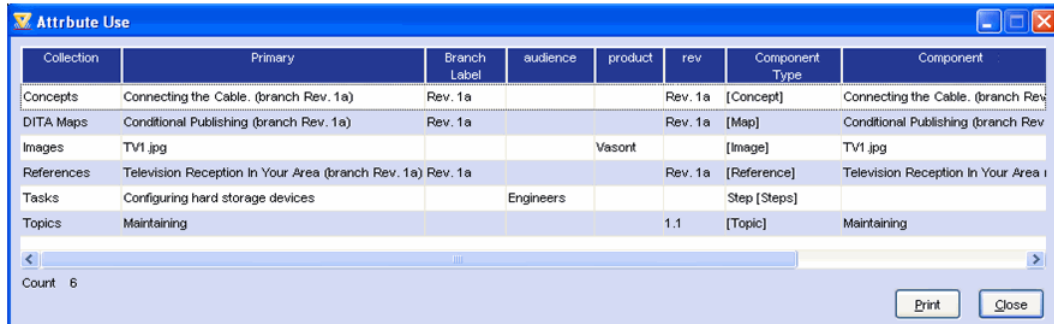
Utilize this feature to save time as well as improve accuracy. There is less chance of users missing or choosing an incorrect value when they have the ability to select a pre-saved set.

## Quick Search Bar Enhancement

The collection navigator's Quick Search now recognizes the use of the Enter key. The Enter key will execute a search, or search for the next occurrence.

## Map Metadata Report

The metadata report provides the ability to report on specified attributes in the content where it is initiated, as well as any modular content that is referenced from within.



Collection	Primary	Branch Label	audience	product	rev	Component Type	Component
Concepts	Connecting the Cable. (branch Rev. 1a)	Rev. 1a			Rev. 1a	[Concept]	Connecting the Cable. (branch Rev. 1a)
DITA Maps	Conditional Publishing (branch Rev. 1a)	Rev. 1a			Rev. 1a	[Map]	Conditional Publishing (branch Rev. 1a)
Images	TV1.jpg			Vasont		[Image]	TV1.jpg
References	Television Reception In Your Area (branch Rev. 1a)	Rev. 1a			Rev. 1a	[Reference]	Television Reception In Your Area (branch Rev. 1a)
Tasks	Configuring hard storage devices		Engineers			Step [Steps]	
Topics	Maintaining				1.1	[Topic]	Maintaining

Count 6

Print Close

This report is particularly useful for identifying the conditional attribute values in the content, and the branch labels that have been saved into an attribute. Surprises in your published output can be avoided by running this report prior to initiating a conditional extract so that the correct attributes are entered for filtering the content or to confirm that the correct branches of the modular content are referenced.

## Translation Cost Savings and Reuse Enhancements

The Vasont Translation package has been reworked to provide more sophisticated component level translation capabilities, to improve the previous process, and to track costs and savings for translation projects.

This release introduces Vasont's **Translation Memory (TM)** feature that tracks translated content relationships at the raw material level. Having the ability to track translations allows clients to avoid surcharges from translation vendors by automatically excluding previously translated content from the files that are going out for translation. Therefore, as content is reused, a substantial savings is realized. To support this functionality, the Raw Material Browser now includes columns for Language and Vendor ID.

The new translation process no longer utilizes the translation attribute setting on the primary component to determine whether the content should be sent to a translation vendor. Instead, the edit date on the base content is compared to the last clone date on the corresponding translation primary. The translation attribute can remain in place as a visual indicator of the status of content's translation.

Component level translation capability can be utilized along with the installation of these new features, or you can implement it at a later time. Regardless of your decision, the component relationships will be built and maintained with translation activity once you begin using the new software. In order to do component level translations, some additional configuration work is required.

*Note:* Component level translation means that you send smaller pieces of content to the translation vendor (i.e. lists, tables, etc.). If you choose to do component level translations, you must first consult with your translation vendor to be sure that they will accept the pieces that you intend to send.

There are several new processing options that are used to configure the new translation behavior:

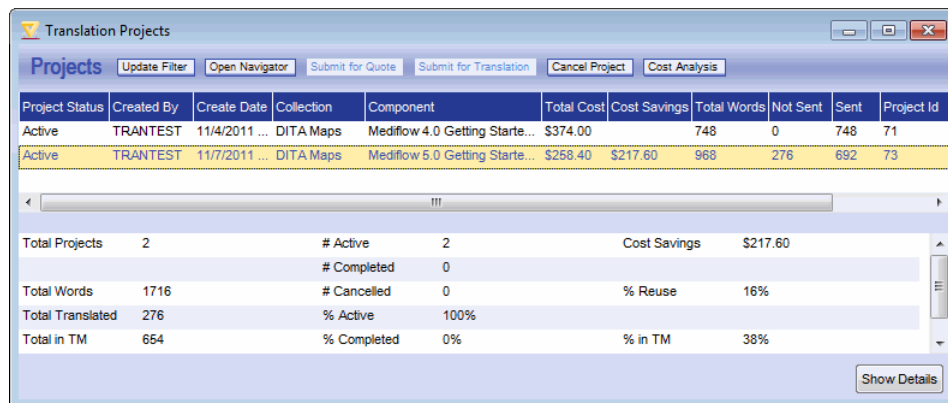
- **translation\_clone:** This processing option replaces *translate\_modules* in the previous translation configuration. It performs a clone, for each specified language, of the base content to the corresponding translation collections in the system.
- **component\_translation\_extract:** This processing option will extract previously translated content if it exists in the system. The matching translation must match the entire set of descendant components. This processing option is used to minimize translation costs.
- **translation\_load:** This processing option functions during a load process to flag raw material with the appropriate translated language.
- **create\_raw\_translations:** This processing option builds raw material relationships between the content being loaded and the base language content.

For more information on these processing options, see the Processing Option section of the Vasont Administrator application, or the *Processing Options Guide*.

## Translation Project Window

The Translation Project window has changed to provide more valuable information. The window reports the status of the translation project, as well as cost and savings information. The cost and savings are calculated by using translation vendor information stored in the Vasont Administrator, and tracking content in the system that is already translated and content that needs translating.

A summary of the projects appears at the bottom of the window, and the filter information has moved to the Details pane.



The screenshot shows the 'Translation Projects' window. At the top, there are buttons: 'Update Filter', 'Open Navigator', 'Submit for Quote', 'Submit for Translation', 'Cancel Project', and 'Cost Analysis'. Below these is a table with the following data:

Project Status	Created By	Create Date	Collection	Component	Total Cost	Cost Savings	Total Words	Not Sent	Sent	Project Id
Active	TRANTEST	11/4/2011 ...	DITA Maps	Mediflow 4.0 Getting Starte...	\$374.00		748	0	748	71
Active	TRANTEST	11/7/2011 ...	DITA Maps	Mediflow 5.0 Getting Starte...	\$258.40	\$217.60	968	276	692	73

Below the table is a summary section with the following data:

Total Projects	2	# Active	2	Cost Savings	\$217.60
		# Completed	0		
Total Words	1716	# Cancelled	0	% Reuse	16%
Total Translated	276	% Active	100%		
Total in TM	654	% Completed	0%	% in TM	38%

A 'Show Details' button is located at the bottom right of the summary section.

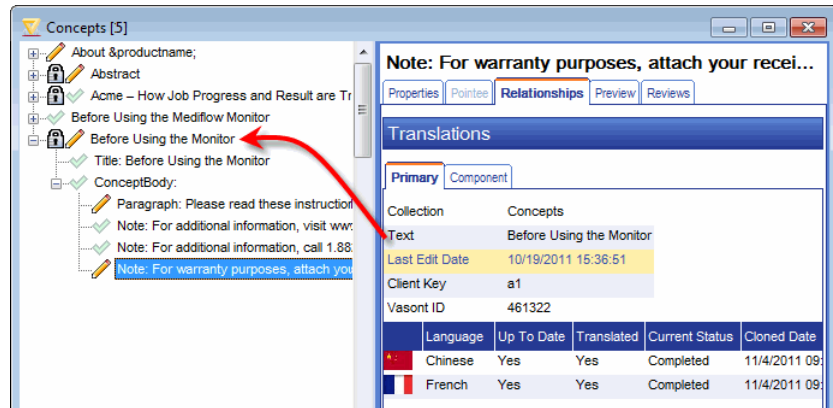
Many changes have occurred to the Details pane and information bars on the Translation window. There are now five information bars:

- **Project Summary:** Shows the same columns that appear on the main pane of the Translation window, but for a single project selection.
- **File Tracking:** The name of this bar has changed from “Files” to “File Tracking”. The pane shows the same information that it did before; Filename, ID, Component, and Collection; but now also shows Language, Status, and the date the Status occurred. A Status Summary is displayed at the bottom of the pane.
- **Word Count Reuse:** This pane now includes cost and savings figures.
- **Submission History:** This pane was previously called “History”. It now includes columns for translation vendor, cost and savings figures, and initiate and submit dates.
- **Filter:** The filter information has been removed from the main window pane to the Filter details pane. This information represents the filter criteria that is currently in effect for the entries displayed in the main pane.

## Translation Information Bar on the Details Pane

The Translation information bar on the Details pane has been reworked to display information for the new translation system. There are now two tabs in the pane:

**Primary:** This tab displays information about the primary of the currently selected component. The lower section of the pane contains a list of languages into which the original base content was translated.



**Component:** This tab displays raw component translations for the currently selected component in the navigator.

When a base (typically English) component has translated raw material in the system, the Component tab displays a list of all related translations by language.

The **Where Used** button allows you to see places where the translation is being used in the system.

The **Make Default** button is available for situations where a language may have more than one related translation (due to different context, vendor translation, or both). Select the translation that you would like to make the default relationship and click Make Default.

The **Remove Default** button allows you to remove a default association for the language.

The **Remove Link** button allows you to break the association between the base and selected language translation. This means that the translation is never suitable as a translation for the base text.



When a translated component is selected in the navigator, the top portion of the pane will display all base language sources. Most often there is only one source, but there may be some rare cases where more than one can occur. The lower portion of the window shows other translations for the base text (the same base that the currently selected component is linked to).



## Translation Cost Analysis

A Translation Cost Analysis feature has been added to the system in order to permit clients to analyze the costs associated to each project. The Translation Cost Analysis window is accessed from the Translation Projects window by clicking the **Cost Analysis** button. This window displays the languages that have been designated for the current project, as well as the vendor currently selected to perform the translation and the cost associated with the translation. If no vendor is selected, a default translation cost will be displayed.

Language	Vendor	Total Words	Words Sent	Not Sent	Total Cost	Total Savings
French	Sajan	484	346	138	\$94.60	\$147.40
Chinese	Lionbridge	484	346	138	\$163.80	\$175.00
<b>Totals:</b>		968	692	276	\$258.40	\$322.40

An entry in the window may be selected to modify the vendor and evaluate the costs that would be associated if the vendor was assigned the translation activity.

Vendor Name	Total Cost	Total Savings	Unit Cost	Match Unit Cost	Total Word Count	Sent, No Match Count	Sent Match Count	Not Sent, Match	Not Sent, No Match
Lionbridge	\$242.20	\$96.60	\$0.70	\$0.30	484	346	0	0	138
Sajan	\$94.60	\$95.00	\$0.50	\$0.10	484	150	196	131	7
[unassigned]	\$163.80	\$122.60	\$0.70	\$0.30	484	150	196	131	7

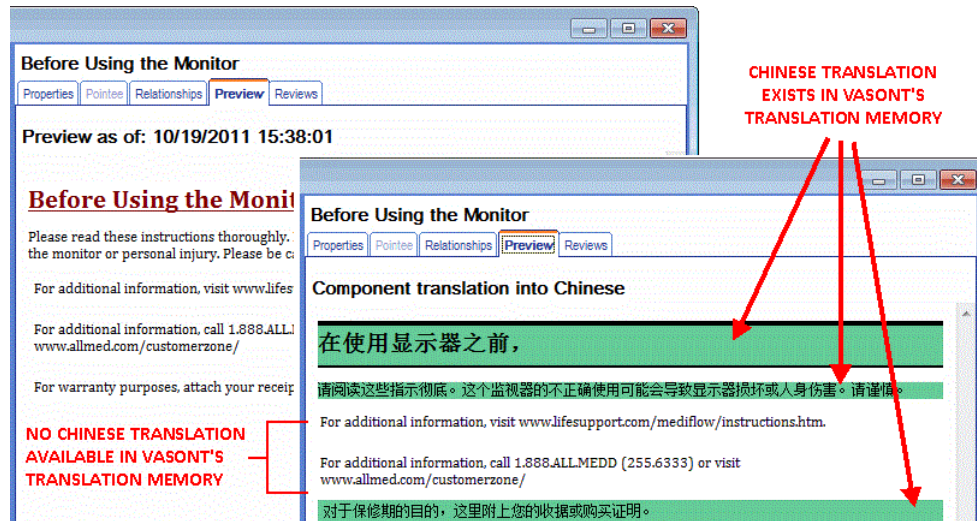
Savings are based on the words that Vasont is not sending to the translation vendor because they have already been translated and also based on words being sent that the vendor has in their translation memory. The **Vendor Language Translation Cost Savings Detail** window provides a report, that can be viewed or printed, of the costs for the project. This window is a further breakdown of costs and allows comparisons between vendors.

Vendor Language Translation Cost Savings Details			
11/10/2011			
Component Text: Mediflow 5.0 Getting Started Guide			
Project ID: 73		TM: Sajan	
Language: Chinese		Word Cost: \$0.50	
Vendor: Sajan		TM Match Word Cost: \$0.10	
	Standard Cost	Actual Cost	Savings
1. 150 words sent, not in TM	\$75.00	\$75.00	\$0.00
2. 196 words sent, in TM	\$98.00	\$19.60	\$78.40
3. 7 words not sent, not in TM	\$3.50	\$0.00	\$3.50
4. 131 words not sent, in TM	\$13.10	\$0.00	\$13.10
<b>Totals:</b>	<b>\$242.00</b>	<b>\$94.60</b>	<b>\$95.00</b>



## Translation Previews

It is now possible to create a Vasont preview of base content and substitute translated language content where available in the system. This functionality allows you to determine how much of the content is already available in the system for the selected language and how much will go to a translation vendor.



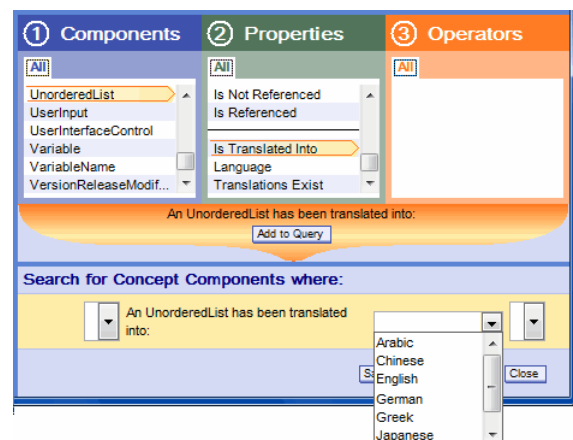
The translation preview must be configured in the Vasont Administrator, similar to other preview displays, but with the addition of the new **substitute\_raw\_translation** processing option on the extract view header and the new **Translation View** option set on the Preview tab in the Edit View. See the *Vasont Administrator* section of this document for more details. If you choose to highlight translated content with a colorful background, then you will need to alter your Cascading Style Sheet (CSS) with the appropriate formatting.

In Vasont, when you select the translation preview option, a window will display that allows you to select the language that you would like to view. The preview display will then change from the base content to a view that shows language substitutions where they are available in the system.

## Query Properties for Finding Translated Content

There are three query properties that are helpful for locating base language content, as well as translated content. These properties operate off of the raw material relationships that are now in place as part of the new translation system.

- **Is Translated Into:** Allows you to locate base language components that have a raw component translation in a specific language.
- **Language:** Allows you to locate a component in a specific language.
- **Translations Exist:** Allows you to locate base language components that have any existing raw component translation.



# Vasont Administrator

This section outlines the enhancements and new features in the Vasont Administrator for Vasont ST 2.2.

## ***Report Enhancements***

The Administrator Reports for Edit, Extract, and Load views have been reworked to minimize the number of pages that are created. This makes large reports easier to send to a printing device if you wish to use a printout for analyzing your setup. For example, on extract and load reports, the view header information will only appear on the first page, and spacing between the rows has been reduced to get more rows on a page.

In addition to reducing the page count, reports have been updated with fields that may have been missing, and out-of-date fields have been removed. Some columns have also been rearranged for better usability when analyzing the content.

## ***Translation Language Enhancements***

To support the new translation features, some additions have been made to the Translation Vendor Languages section of the Content Navigator.

New fields have been added to **Vendor Translation Languages** display:

- **Unit Cost:** This is the price per word that the vendor charges for translating.
- **Match Unit Cost:** This is the price per word that the vendor charges for matches that are found in their memory system.

*Note:* These values are defined in the Language section, but also displayed on the Vendor Translation Languages pane.

New fields have been added to **Languages**:

- **Default Unit Cost:** This is the average cost per word for translating. This value is not associated to a specific vendor. It is an average value that you enter to be used for basic calculations.
- **Default Match Unit Cost:** This is the average cost per word for matches that are found in a vendor's memory system. This value is not associated to a specific vendor. It is used for basic calculations.
- **Auto Submit Vendor:** This field defines the vendor that should automatically be used for translating content for the language.

A new section has been added for **Translation Memory**. Vasont's Translation Memory is the ability to track relationships between base language text and the translated versions. This section stores:

- **Translation Memory ID:** This is a numeric identifier that the system uses for the Translation Memory Name.
- **Translation Memory Name:** The name of the relationships that Vasont uses for tracking component level and language relationships.

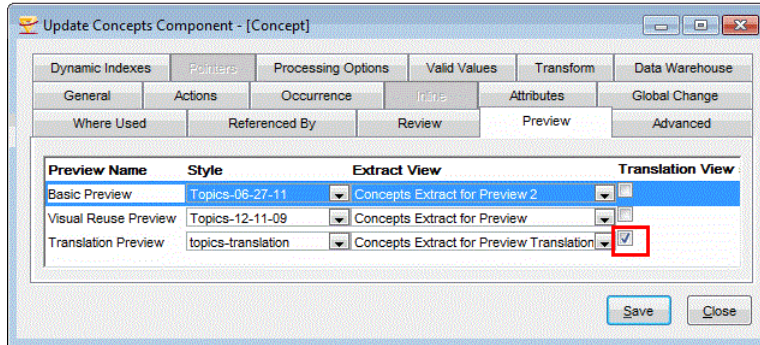
New fields have been added to **Translation Vendor**:

- **Active:** This setting determines whether the vendor can be used for translating.
- **Translation Memory Name:** The name of the relationships that Vasont uses for tracking component level and language relationships.

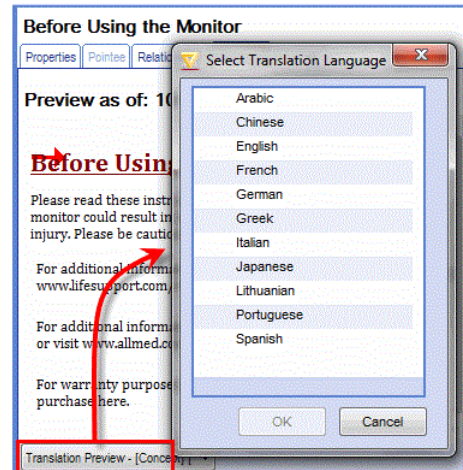
## Preview Setting for Translation View

A new option has been added to a component's Preview tab. This setting will be used with preview definition entries for translation previews. By clicking the Translation View box, a user in Vasont who selects the preview type will be presented with a Language Selection window to select the language that is to be displayed in the Preview pane.

Vasont Administrator - Edit View Component Update Window



Vasont Preview Pane



## Vasont Universal Integrator

The items in this section outline the enhancements and new features in the Vasont Universal Integrator (VUI) for Vasont ST 2.2.

### ***XMetaL Image Picklist Enhancement***

New buttons have been added to the Full Size Viewer window to make it easier for browsing and selecting images for insertion into a document.

- **Previous:** Changes the display to the image that precedes the current one in the list.
- **Next:** Changes the display to the image that follows the current one in the list.
- **Copy:** Stores the currently displayed image in a buffer so it can be pasted into the XMetaL document.

### ***Arbortext Editor Image Picklist***

A new image picklist is now available for Arbortext Editor. This feature allows you to communicate directly with an image collection in Vasont. A filter narrows the scope of images that will be displayed in a browser. The browser can display the images as a list view, thumbnails, or larger image views. When the desired image is located, a Copy button places the image in a buffer so that you can paste the image into the Arbortext Editor in a location where an image is allowed in the structure. The appropriate image tag, as well as the image file link, are inserted.

## Processing Options

The following processing options are new or altered for Vasont ST 2.2.

### New Processing Options

component_translation_extract	metadata_report
electronic_signature_task	substitute_raw_translation
exclude_alias_attribute	translation_clone
exclude_conref_file_extract	translation_load
m_update_name_subs_monograph	

### Processing Options With Additional Arguments

replace_text_patterns	<p>Special characters can now be used in search and replace strings:</p> <p>~r~n - Windows Newline</p> <p>~n - UNIX Newline</p> <p>~t - Tab</p> <p>~v - Vertical tab</p> <p>~r - Carriage return</p> <p>~f - Form feed</p> <p>~b - Backspace</p>
attribute_from_id	<p><b>prefix:</b> [optional] Defines a prefix to be placed before the Vasont ID value in the attribute. For example, assume the Vasont ID is 1234 and the prefix argument is set to "v". The attribute would be populated with a value of "v1234".</p>

### Processing Options With Additional Events

attribute_to_project_attribute	Has been added to the <b>post_add</b> event
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## API

The following APIs have been added for Vasont ST 2.2

- f\_extract\_file\_by\_version
- f\_load\_file\_translation

## Software Fixes

The following issues have been fixed in Vasont ST 2.2.

### Vasont

- **Project Management Reschedule**

The situation where a user is able to access the Reschedule window through the Project Management window, even though they do not have the advanced privilege of “Workflow Scheduling Override” has been fixed. The Reschedule button will now be disabled when the user does not have this permission. Note: The Reschedule button on the Workflow window works correctly and is disabled when the user does not have this privilege. No changes were required in this area.

- **Country Flag Fix**

The problem where the country flags were not appearing with language in Vasont has been fixed. For example, the processing option translation\_language\_select displays a window that allows users to choose languages for translation. In some cases, the flag icon was not appearing next to the language. Now, if the country flags are set up in the Vasont Administrator, this window will display them.

- **GDI Object Leak Fix**

Like all Windows applications, Vasont utilizes GDI objects to display the user interface. A GDI leak that caused Vasont to crash after an extended period of use has been fixed in this release. The leak occurred as windows within Vasont (e.g. navigator windows) were opened and closed. After hours of opening and closing windows the leak would eventually cause the system to crash.

- **Review Markup Filter**

The Markup filter in the Collaborative Review window has options for filtering the markup by Text, Notes, or Description. In some cases these options did not correctly return the expected results. The “Filter by Text” and “Filter by Description” options have been fixed, and the “Filter by Notes” option has been removed from the window.

- **Multiple Search Criteria in Cross-Collection Search**

The situation where multiple criteria was used in the Cross-Collection Search, and one of those criteria utilized the Any component or an "OR" to join the criteria, and presented an incomplete list has been rectified.

# Release ST 2.3

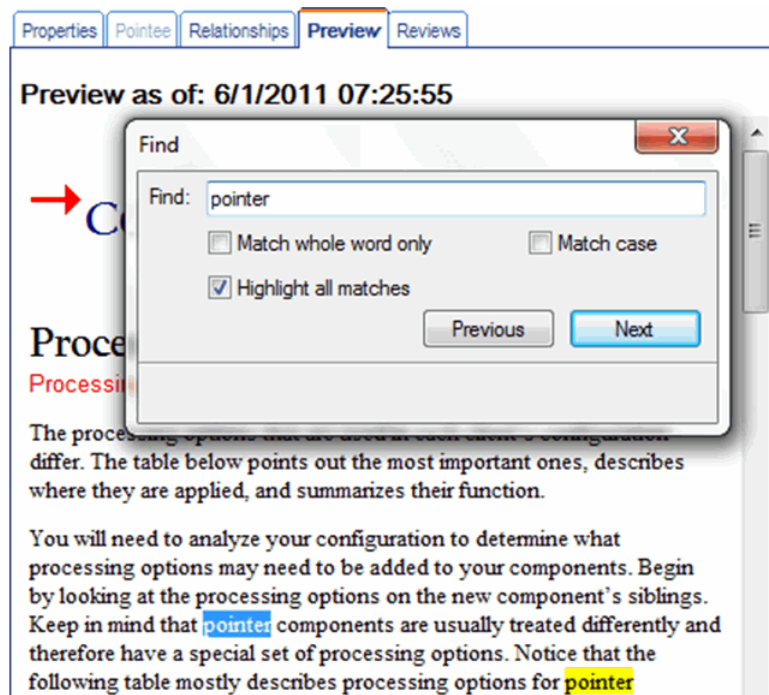
## Vasont Editorial Environment

This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.3.

### *Search Capability for Preview*

The Preview pane now offers a search button that will allow you to search for text strings in the content displayed in the Preview pane. This capability will help you identify topics or modules that may require branching due to product changes, or to find topics or modules that contain a specific phrase in the tree view (using the easy-to-read Preview).

Note: This feature allows you to search or find text strings. There is no replace option with this feature at this time.



### *New Fast Extract Option*

Earlier releases of Vasont offered a configuration option for *fast extract* to improve the speed of modular content. This option relied on the modules being approved to create the fast extract BLOBs. When an extract was performed from content that referenced the modules, the BLOBs would be extracted to improve the extract speed.

This release now offers another configuration option for fast extract that does not rely on approved modules. Instead, this option uses an extension program to periodically run through the collection content and create fast extract BLOBs.

Note: Fast extract BLOBs are extracted XML files that are stored in a multimedia component.

To configure this behavior, see *fast\_extract\_build* and *fast\_extract\_xml\_blob* in the *Processing Options Guide*.

Contact your Vasont support leader for more information on obtaining the Fast Extract extension program.

## Editorial Load and Extract Configuration Options

### Read-Only Behavior To Prevent Content Alterations

A few changes have been made to allow modular content that is checked out by other users to be extracted and treated as read-only content in an editorial tool. A new argument on the *checkout\_user* allows you to define a value that should be placed into a specified attribute when the content is checked out to another user. For example, `<topic status="Read-only">`.

Your editorial tools can be configured to recognize the attribute with a read-only status and prohibit users from making modifications to the content. Refer to the developer's options with your editorial tool, or contact your Vasont support leader for more information.

When the content is loaded back to Vasont, you can use *load\_other\_collection\_attr\_restrict* to restrict the read-only content from being loaded back into the system. This eliminates content that may be out-of-date from overwriting the changes that the original check out user may have made. A new processing option, *prevent\_load\_by\_update*, has also been added to this release for restricting DITA topics from being loaded when a specified attribute is set.

See *checkout\_user*, *load\_other\_collection\_attr\_restrict* and *prevent\_load\_by\_update* in the *Processing Options Guide* for more information.

### Load Module Changes To Improve Load Time

An existing processing option, *extract\_value*, can be used to extract modules with an attribute value of “Unchanged”.

Your editorial tools can be configured so that when a component is altered within the module, the attribute with the “Unchanged” value is switched to “Changed”. For example, if a paragraph is altered, the ancestor topic component will be switched from `<topic status="Unchanged">` to `<topic status="Changed">`. Refer to the developer's options with your editorial tool, or contact your Vasont support leader for more information.

When the content is loaded back to Vasont, you can use *load\_other\_collection\_attr\_restrict* to restrict the unchanged content from being loaded back into the system. This will improve the time that it takes to update the content in Vasont by only loading content that has actually changed. A new processing option, *prevent\_load\_by\_update*, has also been added to this release for restricting DITA topics from being loaded when a specified attribute is set.

See *extract\_value*, *load\_other\_collection\_attr\_restrict* and *prevent\_load\_by\_update* in the *Processing Options Guide* for more information.

## DITA keyref Pointers

When cross reference pointer components are defined with a link criteria of *DITA href*, Vasont will use special DITA logic to resolve the pointer.

Normally, when a pointer component does not point to another component in the system, it is given an incomplete status. In DITA 1.2, a cross reference pointer component may contain a keyref attribute to create a variable pointer that can point to a variety of targets. Information in the Map will determine what the pointer will point to at publication time.

Now, when a pointer that is defined with DITA href link criteria, and has a populated keyref attribute but does not link to another component in the system, it will not be flagged as incomplete.

## DITA Footnote IDs

A new processing option, *client\_key\_if\_referenced*, has been added to this release that will extract a client key for the component to which it is applied, only when the component is referenced by a pointer component that is included in the content that is being extracted.



For example, the DITA specification defines two rules for footnotes: 1) **single-use** where the footnote is not assigned an id attribute value. On output, a callout is placed in the text stream that links to the placement of the footnote, such as the bottom of the page or end of the article. 2) **use-by-reference** where the footnote is assigned an id attribute value. On output, the footnote does not appear anywhere unless it has been reference using an <xref> with an attribute *type="fn"*. Note: A footnote in one topic can't be referenced in another topic, unless you are using the conref mechanism.

Details of footnote processing and styling are stylesheet dependent. This processing option gives you the ability to apply the id attribute. Your stylesheets may need further alterations to achieve the output that you desire.

## Attributes Sets

A new processing option, *attribute\_set\_control*, and an Administrator Support Table, will now allow you to set up a situation where a designated attribute, with a specified value will disable attributes that should not be used under the defined conditions.

For example, when the PackagingItem attribute is set to *BoxControl*, several of the attributes in the screen shot at the right are disabled or grayed out and the user cannot enter a value.

See [Support Table for Attribute Sets](#) in the *Vasont Administrator* section of this document for more information.

See *attribute\_set\_control* in the *Processing Options Guide* for more information.

This attribute is set to "BoxControl"

Attribute Name	Value
PackagingItem	BoxControl
BarcodeType	None
Other BarcodeType	NA
Box Contents	
Other Box Contents	NA
MadeIn	USA
StorageTemp	
Language	ES
CountryOfDistribution	
Designated Cntry Of Review	
DistributionAddr On Compot	
ManufacturerAddress	Mannheim
EANandRef On Box	No
Picture	N/A
MakeAvailableFor	Intranet

These attributes are automatically disabled

## Metadata Report Enhancement

The Primary and Component columns of the Metadata Report will now honor navigator display processing options. Therefore, entries in these columns will display the text of the primary or component (if any), as well as any navigator display text. Often times, the navigator display text can be meaningful and will help you more accurately identify the content.

See *metadata\_report* in the *Processing Options Guide* for more information.

## Translations Window in Workspaces

Translation windows will now be saved in workspaces, along with navigators, project management and workflow windows.

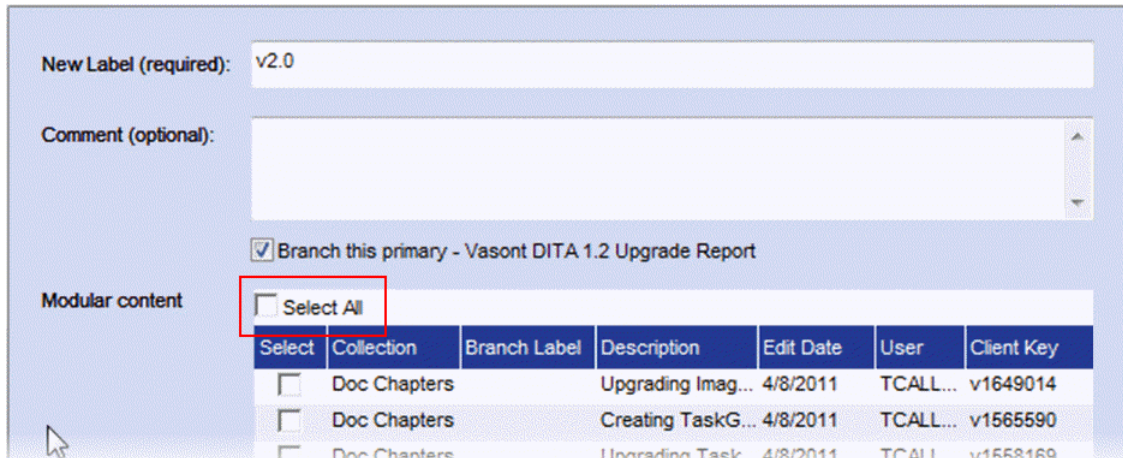
## Details Pane - Pointee Tab Enhancements

There are three new items on the Pointee tab of the Details pane. The General information bar will display the collection name, primary name, and component type of the pointee content.

Note: The primary name will only appear when the content that is referenced is a lower-level component (rather than a primary).

## Create Branches Enhancement

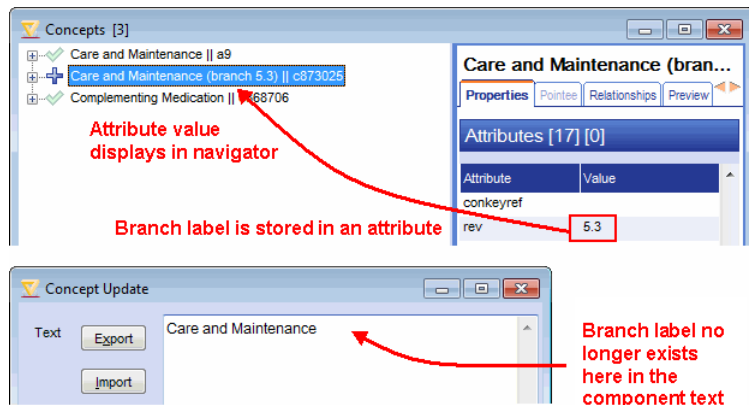
A **Select All** button has been added to the Create Branches window that will allow you to easily select all modular content entries for branching.



## Branch Label Change

When a primary is branched, the branch label text will no longer be placed in the text of the primary or the description field of a multimedia component.

To easily identify branched primaries in the collection navigator, consider using the *populate\_revision\_attribute* processing option to place the branch label into an attribute. Then use the *attribute\_default\_nav\_display* processing option to display the attribute value in the navigator. The *prefix* and *suffix* arguments can be used to generate the “(branch [nnn])”.



See *populate\_revision\_attribute* and *attribute\_default\_nav\_display* in the *Processing Options Guide* for more information.

## Translation Daemon Program Enhancements

Modifications have been made to the Extract and Load extension programs to handle translation files being sent to multiple vendors and quotes returned from multiple vendors.

Changes have also been made to the third party tools that handle the FTP process so that secure FTP transfers can be made.

## Vasont Administrator

This section outlines the enhancements and new features in the Vasont Administrator for Vasont ST 2.3.

### Support Table for Attribute Sets

A new menu option has been added to **Utilities** → **Support Tables** called **Attribute Sets**. This table works in conjunction with a new processing option, *attribute\_set\_controls*.

The table allows you to define the controlling attribute and a value that, when set, will disable the attributes that are listed in the **Excluded Attributes** column.

Controlling Attribute	Control Value	Excluded Attributes
PackagingItem	Box Strip	Barcode, BarcodeType
PackagingItem	Case Cover	Size, UPN
PackagingItem	Box Control	Country Of Distribution, Designated Cntry Of Review, Distrib...
Barcode	Scatter Code	Clock, CoE, Data Matrix Code, Other Barcode Type, Other Bo...

See [Attributes Sets](#) in the *Vasont Editorial Environment* section for more information.



## Processing Options

The following processing options are new or altered for Vasont ST 2.3.

### New Processing Options

attribute_set_control	fast_extract_xml_blob
client_key_if_referenced	prevent_load_by_attribute
fast_extract_build	ref_nav_name
	project_management_annotation

### Processing Options With Additional Arguments

checkout_user	<b>value:</b> [optional] Defines the value the attribute will be populated with. If this is not specified, then the attribute value will be the name of the user the content is checked out to.
ref_text	<p><b>overwrite:</b> [optional] If text exists as part of the pointer component that this processing option is applied to, then this argument will determine whether that text is overwritten with the referenced text. If not specified, the default is “yes”, which will overwrite the pointer text.</p> <p><b>remove_inline_tags:</b> [optional] Specifies whether inline tags that are part of the referenced text will be removed. For example, assume the referenced text is “Introduction &lt;image TGID=“1”&gt;”. If this argument is set to yes then the image tag will be removed from the text that is extracted.</p>

## API

The following APIs have been added for Vasont ST 2.3.

- f\_create\_from\_template\_prod\_list
- f\_fast\_extract\_build
- f\_get\_active\_tasks\_for\_user

## Software Fixes

The following issues have been fixed in Vasont ST 2.3.

### Vasont

- **Branch Window**  
Fixed the problem where the Create Branches window would not allow the OK button to be selected until the user moved off the Label column. For example, if the user entered a label and selected OK, then nothing would happen. Once the user tabbed off the label column or clicked elsewhere in the window, then OK could be selected.
- **Project Filter Date**  
Fixed the problem where the user selects a To and From date in the Project Management window and selects OK, and the To date defaults to 1/1/1900.
- **Metadata Report**  
Fixed the metadata report so that it reliably works on the first content it runs against, as well as all subsequent uses during a single Vasont session. It was mistakenly holding the information in memory from the first time it was run, which caused bad results when it was run again on different content.
- **Blank Workflow Due Date**  
The workflow logic was revised so that a due date can be set to the same date as it was started. For example, future workflow tasks could be rescheduled to be due in 0 days. When the task came due, the problem was that the due date was not being set.
- **Details Pane Width**  
Fixed the situation where the Details pane in the Navigator windows was inconsistent in width. For example, under some circumstances, the Details pane is wider when a Navigator window is opened while an existing Navigator window is already open.
- **Loading Large Multimedia Objects**  
Fixed the situation where some large files (200+ MB) would not load into a multimedia component under certain circumstances.

### Vasont Administrator

- **Preview Administrator**  
Fixed the error that occurred when saving a new Preview on an Edit view component. The message is “Required value missing for is\_translation\_view”. A workaround for this error is to check the translation view box and save the entry. Then uncheck the translation view box and resave.

# Release ST 2.4

## Vasont Editorial Environment

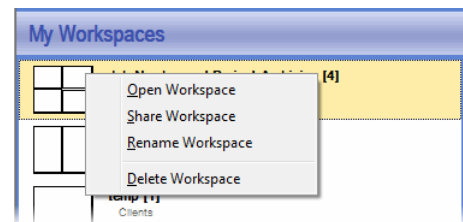
This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.4.

### Shared Workspaces

Workspaces are a convenient feature for recalling windows with select content. In the past, a workspace was owned and only available to the logged in user who created it. This release introduces the “shared” workspace feature.

**Share / Unshare Workspace:** Right-clicking on a workspace and selecting the Share Workspace or Unshare Workspace allows you to set or unset the sharing of your workspace. “Sharing your workspace” means that other users have the ability to use the workspace or copy it to My Workspaces on their home page.

**Rename Workspace:** Right-clicking on a workspace and selecting Rename Workspace will allow you to alter the name. A checkbox for sharing the workspace is available on the window as well. If the workspace is already shared, the box will be automatically checked. If you wish to unshare, then you can simply uncheck the box.

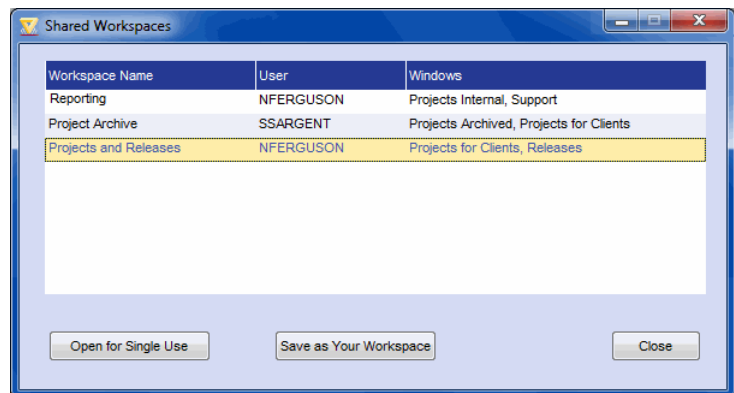


**Accessing Another User's Workspace:** To gain access to another user's workspace, go to **Windows → Shared Workspaces**. A list of workspaces that other users have shared will be presented.

There are two options for a selected workspace:

**Open for Single Use:** Allows you to view and open the workspace in your session.

**Save As Your Workspace:** Allows you to save the workspace as your own. This option will make the workspace conveniently available for repeated use from your own list of saved workspaces. You have the choice to rename the workspace during this process.

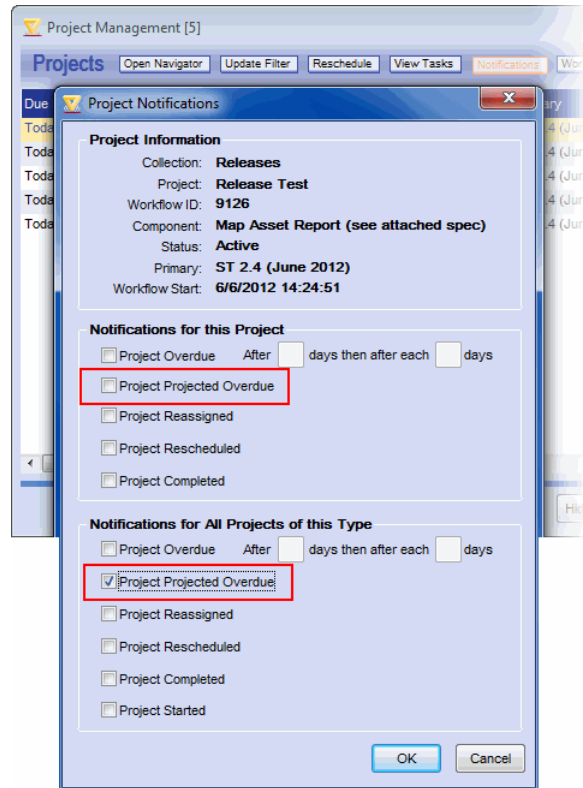


### Notifications for Estimated Overdue Projects

A new notification event is now available for projects that are projected to become overdue. The notification can be subscribed to for all projects of a specific type, or for a specific project instance. Receiving a notification for a project that is estimated to become overdue allows you time to take action to avoid a missed deadline.

In the Project Management window, Vasont tracks the due date of a project and also the estimated completion date of a project. It is possible that a project is not overdue, yet based on the estimated completion date, it is expected that it will not finish on time. A project in this state is “Projected Overdue”. Subscribing to a notification for the Project Projected Overdue will alert you of these cases.

Similar to the Project Overdue notification, the Project Projected Overdue notification will be run once daily, shortly after midnight. The user will have the notification show up on their Home Page in the Notifications pane. After the user receives the notification for a specific project, they will not receive another one until they have cleared the original notification from their Notifications pane. For example, if Project ABC is projected overdue, then the user will receive a notification. The next day when the process runs, the logic will not send another notification if the original notification is still in the user's queue. Note: If a project is actually overdue, then a projected overdue notification will not be sent. Projected overdue notifications only cover projects that are not yet overdue, but are estimated to be overdue. If a user wants notifications on actual overdue projects, then they can use the existing Project Overdue notification.



## Map Asset Report

The Map Asset Report is a new report that may be configured on the right-click menu to display information about each referenced module within the selected component. It is typically initiated from a DITA Map or a Manual component. The report is useful for examining information about the content that makes up your document prior to publishing. For example, you can see: when the module was last edited and user name who made the edits, branch labels, module status, collection where the module resides, etc. Right-clicking on an entry in the list allows you to open a navigator for the selected component, or the report can be saved or printed by using the *Report* button.

The report can be configured to display entries for modules from all collections, or specific collection. The label that appears on the right-click menu can display the default “Map Asset Report” or your own label choice. For more information, see the *map\_asset\_report* processing option.

DITA Map Asset Report: © Mediflow™ 5.0 Blood Pressure Monitor with Auto Inflation Cuff (branch 5.0) || m872605

Asset	Collection	Branch Label	Status	Client Key	Create/Edit Date	UserName	Checked Out (Locked)	Owners	Conref Target	Modular Reuse
_Cautions-Warnings_Collection_T	Concepts		Approved	c868687	11/18/2011	TINA.CALL			Yes	0
Auto Inflation Arm Cuff    c872845	Concepts		Draft	c872845	11/23/2011	LARRY.LEV TINA.CALLAH				1
Before Using the Monitor    a1	Concepts		Approved	a1	11/18/2011	TINA.CALL	STEVE			5
Care and Maintenance    a9	Concepts		App		11	TINA.CALL				4
Introduction	Concepts		Approved	a2	11/22/2011	STEVE.SAR	STEVE		Yes	5
Introduction (branch 5.0)    c8726	Concepts	5.0	Draft	c872634	3/20/2012	STEVE	STEVE			1
Preparing to Take a Measurement	Concepts		Approved	a4	11/18/2011	TINA.CALL			Yes	4
Product Maintenance    a11	Concepts		Draft	a11	4/24/2012	NEAL	STEVE			3

Count 38

Report Close



## Translation File Tracking Enhancements

A few changes have been made to the File Tracking information bar on the Translation window's details pane.

The File Tracking title bar will display the total number of files for the project. This is consistent with other information bars in the system.

The number of files in a project can be quite high. For example a map with 200 topics and 100 images that is queued up for 10 languages would have 3,000 files. It may take a minute or more to bring up the list, so program logic was modified to improve performance. One significant issue in the amount of time that it takes to display the list depends on the amount of Nav Display processing options that are applied to the components in the Vasont Administrator. Without the extra Nav Display items the speed of displaying the information is about 10 times faster. Since displaying Nav Display items in this details bar may or may not be important to a client, there is a new System Profile called TRANS\_FILES\_NAV\_DISPLAY that allows each client to control whether the Nav Display processing options will be applied in this window.

Language	Extracted File	Status	Component
Chinese	m870044_zh-c...	Completed	© Mediflow™ 4.0 Getting Started Guide Blood Pressure Meter    m870044_zh-cn.xml
French	[not extracted]	Completed	Blood_Pressure_Monitor_d.jpg    Blood_Pressure_Monitor_d_fr.jpg xml:lang=fr-fr tr...
French	a1_fr-fr.xml	Completed	Before Using the Monitor    a1_fr-fr.xml:lang=fr-fr translation=complete
French	a2_fr-fr.xml	Completed	Introduction    a2_fr-fr.xml:lang=fr-fr translation=complete
French	a3_fr-fr.xml	Completed	Safety Notices    a3_fr-fr.xml:lang=fr-fr translation=complete
French	a4_fr-fr.xml	Completed	Preparing to Take a Measurement    a4_fr-fr.xml:lang=fr-fr translation=complete
French	c868687_fr-fr...	Completed	_Cautions-Warnings_Collection_Topic    c868687_fr-fr.xml:lang=fr-fr translation=comp...
French	m870044_fr-fr...	Completed	© Mediflow™ 4.0 Getting Started Guide Blood Pressure Meter    m870044_fr-fr.xml:lan...
German	[not extracted]	Completed	Blood_Pressure_Monitor_d.jpg    Blood_Pressure_Monitor_d_de-de.jpg xml:lang=de-d...
German	a1_de-de.xml	Completed	Before Using the Monitor    a1_de-de.xml:lang=de-de translation=complete

The yellow highlighted items are shown because of a Nav Display processing option. These are the items that would be removed in this display if the TRANS\_FILES\_NAV\_DISPLAY system profile is set to "no".

## Cancel Translation File

A translation project is made up of many individual files. Prior to this release, Vasont's new translation system did not allow for individual files to be cancelled and taken out of the translation queue. With this release, users can cancel individual files that are queued for translation.

Language	Extracted File	Status	Component	Collection	Status Date	Va
French	[not extracted]	Translation ...	Arm cuff    v844429_fr-fr.xml...	Trans - GlossEntries	6/8/2012 09:43:30	87
French	[not extracted]	Translation ...	Blood pressure    v844414_f...	Trans - GlossEntries	6/8/2012 09:43:32	87
French	[not extracted]	Translation ...	Blood pressure monitor    v8...	Trans - GlossEntries	6/8/2012 09:43:34	87

Buttons: Report, Open Navigator, Show File History, **Cancel File**

When the Cancel button is clicked, a confirmation message window will display. If OK is clicked, the cancellation of the selected file will occur. After a file is cancelled the status displayed in the file list will immediately toggle to Cancelled. If all other files related to the project/language are Cancelled or Completed, then the Language Status will toggle to Completed. If all other files related to the entire project are Cancelled or Completed, then the entire

Project status will toggle to Completed. Regardless of the status setting (Cancelled or Completed) the file cannot be reinstated. (Note: Depending on the reason for file cancellation and the status of the extracted file, you may need to notify the translation vendor of the cancellation.)

Language	Extracted File	Status	Component	Collection	Status Date	Vas
French	[not extracted]	Translation ...	Arm cuff    v844429_fr-fr.xml...	Trans - GlossEntries	6/8/2012 09:43:30	874
French	[not extracted]	Translation ...	Blood pressure    v844414_f...	Trans - GlossEntries	6/8/2012 09:43:32	874
French	[not extracted]	Cancelled	Blood pressure monitor    v8...	Trans - GlossEntries	6/8/2012 09:43:34	874

Report Open Navigator Show File History Cancel File

## Fully Specified DITA hrefs and conrefs

There are many allowed formats related to populating DITA href and conref attribute values. One method is to eliminate the filename if the reference and the target reside in the same topic. Another method is to eliminate the # and IDs if the reference points to the root level of another topic. This enhancement changes the way Vasont populates the href and conref attributes with a fully-specified approach.

The format of a DITA href and conref are as follows:

Format	Example	Explanation
Filename#root_id/element_id	v123.xml#v123/v456	<p><b>Filename:</b> This is the file name of the primary that is referenced and includes the file extension. Vasont uses client key for its file name.</p> <p><b>Root_id:</b> This is the root id of the content being pointed to. Normally, this is the primary component's client key. In the case of nested topics this is the client key of the nearest ancestor topic component.</p> <p><b>Element_id:</b> This is the client key of the component being referenced.</p>

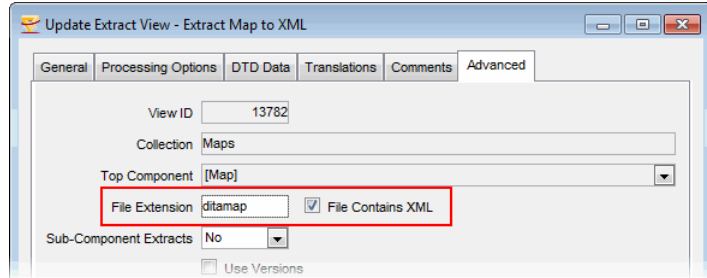
Here are two examples:

Scenario	Result	Example
href or conref points to a root level component. It will not matter if the root level component is in the same or different topic.	filename#root_id	v123.xml#v123
href or conref points to a sub-component. It will not matter if the sub-component is in the same or different topic.	filename#root_id/element_id	v123.xml#v123/v456

## ***File Extension Logic for DITA hrefs and conrefs***

Prior to this release, the file extension default for both href and conref was “xml”. However, new logic is now in place to look at the extension of an “XML” extract in the target collection.

An “XML” extract is designated in the Vasont Administrator by placing a checkmark in the **File Contains XML** box on the Advanced tab of the extract view. If found, the extension that is specified in that extract view will be used in place of “xml”.



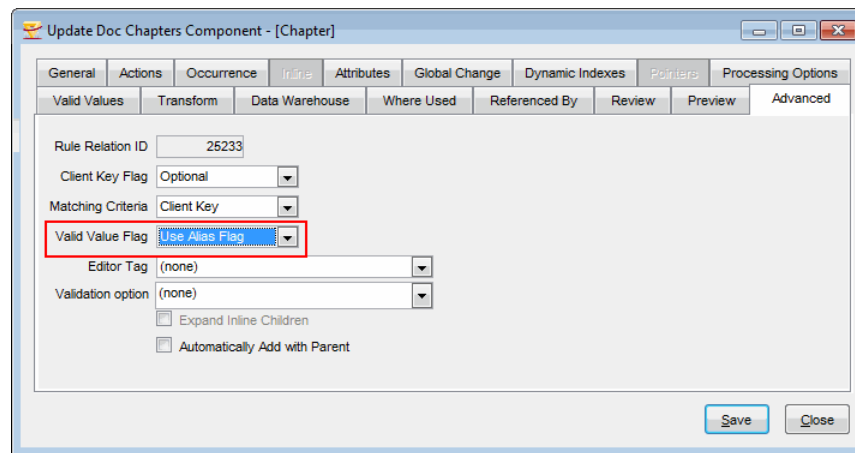
For example, assume there is an xref that points to a DITA map. The DITA Map may find an XML extract view that has an extension of ditamap. The xref in this case would be built as: **v123.ditamap#v123/v456**.

# Vasont Administrator

This section outlines the enhancements and new features in the Vasont Administrator for Vasont ST 2.4.

## Valid Value Flag Default

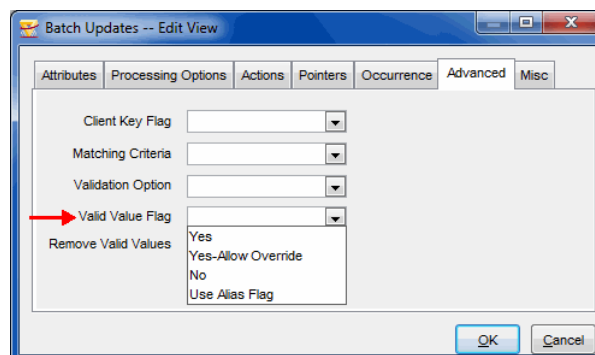
Edit View components have a Valid Value Flag setting on the Update window's Advanced tab. This setting defines the behavior for the handling of valid values that are defined for the component. There are currently four settings: Yes, Yes-Allow Override, No, and Use Alias Flag.



Prior to this release, the default setting for the Valid Value Flag was “No”. This release will change the default setting to “Use Alias Flag” so that when new components are added they are automatically set to read valid values from the alias, rather than the component. This setting is more efficient because it reduces the points of maintenance to a single alias rather than many edit view components when valid values are used. If no valid values exist for the component, the setting does no harm, but in the future if you decide to add valid values to an alias, the collections that utilize the alias are already configured to read the valid values.

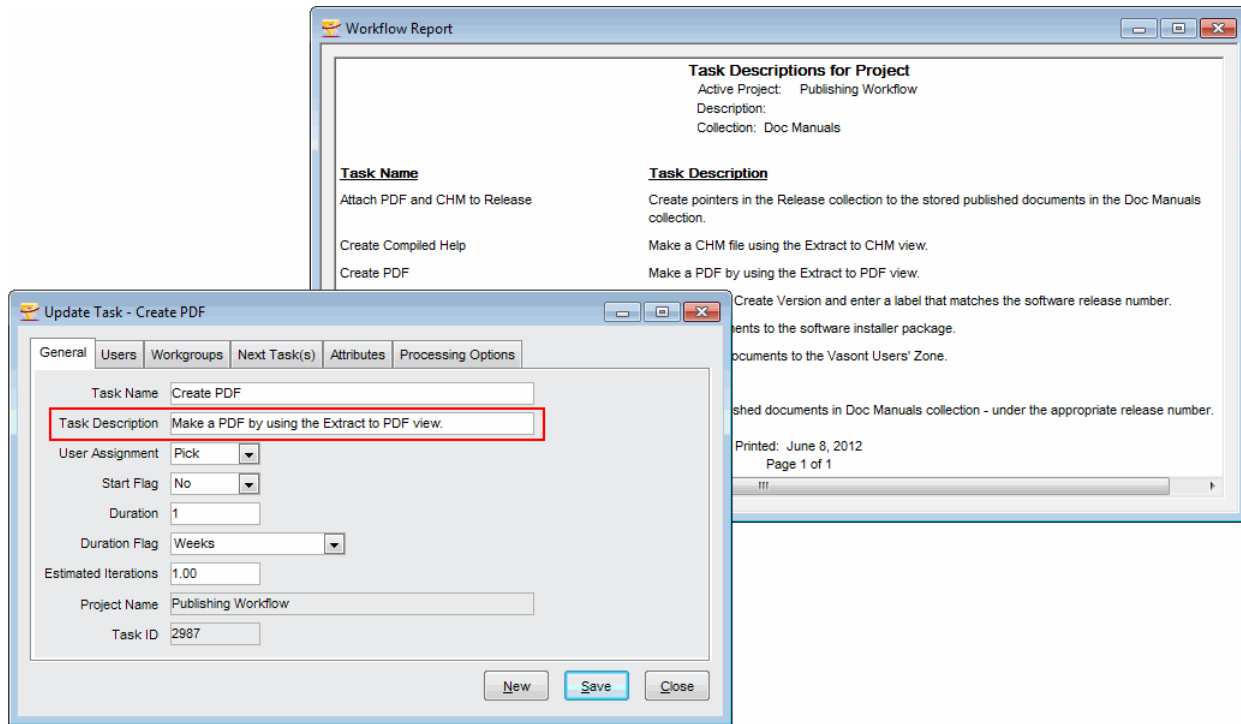
## Batch Update Option for Valid Value Flags

This release adds the Valid Value Flag setting to the Advanced tab of the Edit View Batch Update window so that you can easily change the Valid Value Flag setting on multiple components.



## Project Task Descriptions Report

A report has been added to the Vasont Administrator that allows you to gather the descriptions from the tasks within in a selected Workflow project definition. It is accessed from **Reports** → **Workflow** → **Project Tasks Descriptions**. This report can be useful to document the activity that is intended to take place during the processing of a project. If the task descriptions are detailed enough, the report can be used as a procedural set of instructions for users.



## Translation File Tracking System Profile

A new System Profile setting is available for improving the performance of opening the Translation window's File Tracking details pane.

Setting TRANS\_FILES\_NAV\_DISPLAY to “no” will cause navigator display processing options to be turned off in the File Tracking details pane. Setting this to “yes” will apply the normal behavior of navigator display processing options.

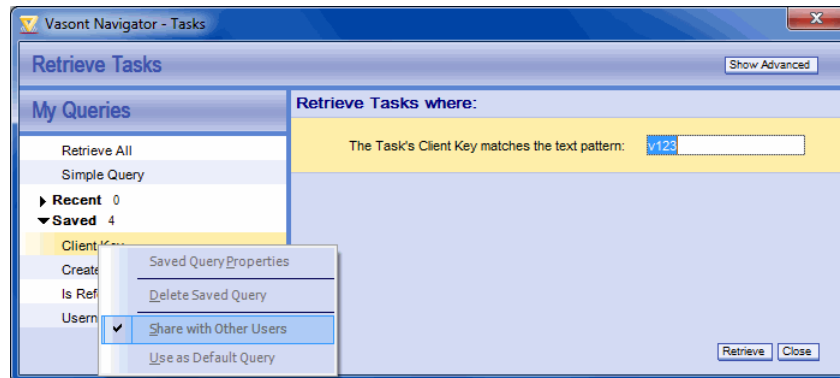
See *Translation File Tracking Enhancements* in the *Vasont Editorial Environment* section of this document for more information.

## Remove Shared Query Privilege

An advanced privilege, *Remove Shared Queries* has been added, that when granted will allow a user to remove the shared status of a query that was saved by another user. The query itself will not be deleted and the original owner will still be able to view the query in their own list. The ability to unshare another user's queries is valuable when a user leaves the department or organization and has queries in the system that are no longer necessary and should be taken out of view for the remaining users.

When the user NEAL right-clicks on the saved and shared “Client Key” query, the “Share with Other Users” menu option is enabled. Under normal circumstances no menu options would be enabled for queries that are saved and

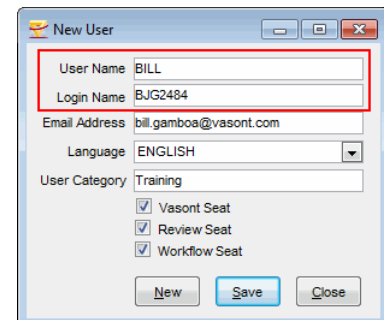
shared by others. Since NEAL has the Advanced privilege of “Remove Shared Queries,” he is now allowed to remove the Share by toggling this menu option. Note: When NEAL does this, the query will no longer be visible to him or other users. However, the query itself is still in place and viewable by the original creator.



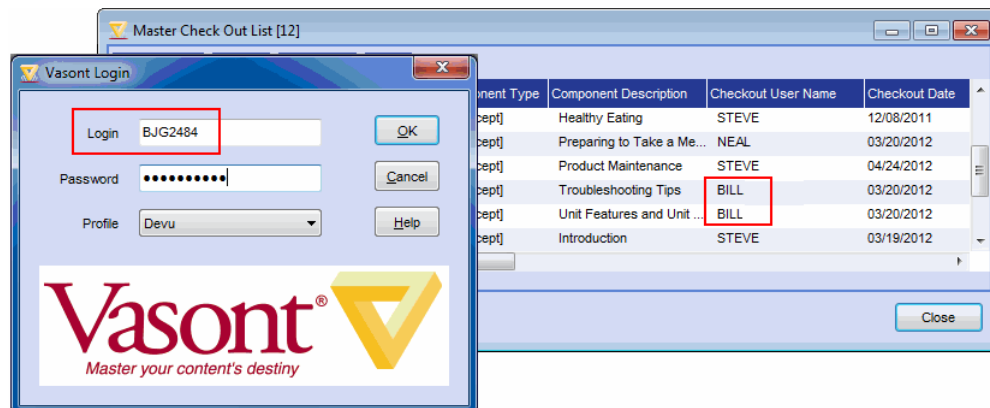
## Friendly User Names

A new system profile, **Show\_Login\_Name**, allows you to activate behavior to map a friendly user name to a user account.

For example, a user who is logged into Vasont and Vasont Administrator as “BJG2484” will have “BJG2484” recorded in system metadata on components, reports, tasks, etc. as the user who performed an action or is assigned a workflow task. This user name is not clear to other users of the system, so this new feature allows you to define a friendly name to the User setup. The **Login Name** will be “BJG2484” and the **User Name** will be “BILL”.



With the Show\_Login\_Name system profile turned on, and User accounts set up with both a user name and a login name, a clearer and friendlier name will appear in Vasont.

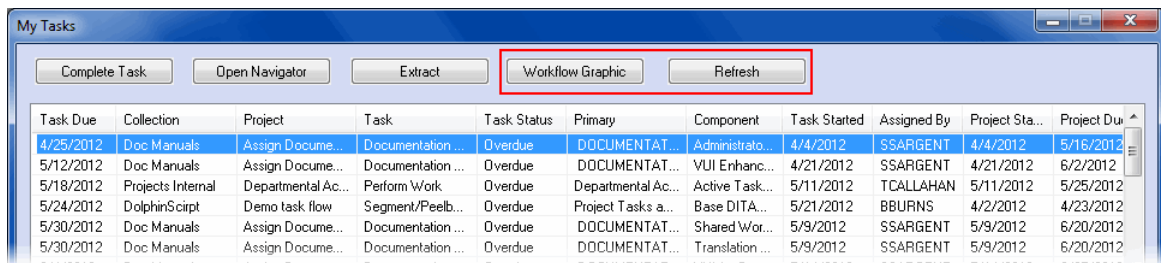


## Vasont Universal Integrator

The items in this section outline the enhancements and new features in the Vasont Universal Integrator (VUI) for Vasont ST 2.4.

### Workflow Enhancements

The following buttons have been added to the Workflow window in the VUI:



- **Displaying the Workflow Graphic**

A Workflow Graphic button has been added to the My Tasks window in the VUI. This button allows you to view a graphical representation of the workflow tasks for a selected project, similar to what is seen in the Vasont application.

- **Refreshing the Task List**

A Refresh button has been added to the My Tasks window. This button will refresh the display to show any changes to workflow. For example, if a new Task has been added since the window was first opened, the Refresh would display that new task. This is the same functionality as the Refresh button on My Tasks on the Home Page of the Vasont application.

### Hover Text

Hover text for the My Tasks and other Pick List windows in the VUI has been set to display for a longer period of time. Previously, the hover text would display for five seconds and then disappear. Now, it will display until the user moves the mouse off of the field.

### VUI for <Oxygen/> XML Author

<Oxygen/> has become an increasingly popular XML editorial tool and offers powerful features for editing and authoring DITA content, as well as support for DocBook and custom DTDs. Therefore, we are proud to add <Oxygen/> XML Editor to our list of VUI extension packages. The features included are nearly identical to the XMetaL and Arbortext versions of VUI (i.e., workflow, creating from templates, pick list, and image selector, etc.).

If you missed the “Vasont CMS Integrated Solutions with Oxygen XML Editor” webinar, you can find the recording on the Vasont Users' Zone.

To obtain the VUI for <Oxygen/> extension or more information, contact your salesman or support leader.

## Processing Options

The following processing options are new or altered for Vasont ST 2.4.

### New Processing Options

map_asset_report	set_component_date
mm_description_filename	sort_by_attribute_text
pointee_xml_extension	set_text_to_task_name
set_attribute_date	target_attribute_from_pointer_text
set_attribute_max_edit_date	

### Processing Options With Additional Events

attribute_to_project_attribute	Has been added to the <b>task_start</b> event.
client_key_project_attribute	Has been added to the <b>task_start</b> event.
ref_extract_conref	Has been added to the Extract View <b>extract_exclude</b> event.
checkin_modularized_content	Has been added to the Load View <b>load_entity_post</b> event.

### Processing Options With Additional Arguments

load_other_collection_attr_restrict	<p><b>value:</b> Represents value of attribute. If the attribute value matches one of the values specified here, loading of another collection does not occur. If this is left blank, and any value is found in attribute, loading of another collection does not occur.</p> <p><i>Note:</i> The above argument now allows multiple values.</p>
-------------------------------------	---

## API

The following APIs have been added for Vasont ST 2.4.

- f\_get\_navigator\_name\_full
- f\_get\_modular\_pointees



## Software Fixes

The following issues have been fixed in Vasont ST 2.4.

### Vasont

- **Relink sub-component pointees on primary move**

Fixed the situation where pointees to sub-components were not automatically relinked when a primary was moved from one collection to another. The situation occurred when a primary was moved via a drag and drop from one collection to another. If descendants of the source primary were pointed to by another collection, they were not automatically relinked to the target sub-components.

For example:

1. A Manual primary component in the Manuals collection has a Table Pointer that points to a Table component, which is a sub-component in the Procedures Working collection.
2. The primary with the Table in Procedures Working collection is dragged and dropped to the Procedures Approved collection. The move option is chosen in Drag and Drop Wizard window.
3. The Table Pointer in the Manuals collection should be relinked to the Table sub-component that was moved into the Procedures Approved collection. The problem was that the pointer was not being relinked and continued to point to the Table in the Procedures Working collection.

- **Branch Attribute Refresh**

The display of branch attributes in the navigator display will now show updates after any type of refresh or when a new navigator window is opened. Branch attributes are populated with the *populate\_revision\_attribute*, and then displayed in the navigator with another processing option (i.e., *attribute\_default\_nav\_display*). Prior to this release, the displayed attribute value may not have refreshed with the current value.

- **Prevent Load Overwrite Logging**

The load process has been enhanced to be more informative when using the *prevent\_load\_overwrite* processing option. This processing option prohibits the overwriting of content in other collections during a load procedure if a matching primary is found in the collection. For example, if a Topic file that is being loaded contains an Image, and the Image component already exists in the Image collection, then this processing option prevents the existing Image in the Image collection from being overwritten. The enhancement will add an entry to the Load Log when a component cannot be loaded because of this processing option. In addition, if the entire file cannot be loaded it will be moved to the Load Errors list.

- **BLOB Extract in Versioning Fix**

Fixed version extracts that included multimedia components configured with the *blob\_extract* processing option and were extracting the current multimedia BLOB, rather than the appropriate version of the BLOB.

- **Version on Demand Cascade Fix**

The version cascade logic has been fixed to accurately determine modular content when creating a version on demand. Prior to this fix, the logic to determine modular content included all pointers that pointed to primary components, even though the pointers were not configured as modular pointers. For example, an Xref could point to a Topic, and the version on demand would stamp the Topic with the version label.

- **Client Key Version Extract**

Version extracts were corrected to fix the situation where components that were configured with *ref\_client\_key*, *client\_key\_filename*, and *ref\_extract\_file* (when filename argument is set to client key), were pulling the current client key, rather than the client key that was present in the time of the version.

- **Pop-Up Calendar on Query Page**

A new calendar control has been implemented to fix the issue where the query window's pop-up calendar would default to 1912 (rather than the current date). The pop-up calendar is available by right-clicking in the text box, when queries that require dates are created.

## Vasont Extract Extensions

- **Release 3.6.6**

- Enhanced logic for processing referenced content, via *pointeeCollection* nodes in the configuration file, to examine ALL referenced content regardless of depth or whether interceding content was actually flagged for extraction. Previously, the referenced content processing would stop examining and processing pointers when the primary in which a pointer resides was not marked for extraction.

Attribute settings must still match those defined for the “root” (*collection* node in the configuration file) in order for content to be extracted - The change simply ensures that all pointer branches are followed from the root down when looking for extract candidates.

- Corrected issue where Vasont Translation Package extracts of modular content (i.e., DITA Concepts or Tasks) were placed in incorrect folder hierarchies if the “root” content (i.e., DITA Map) did not change and was not extracted.

- **Release 3.6.5**

- Updated FTP process to not attempt connection if there are no files to send.

- **Release 3.6.4**

- Added short-term workaround for issue where “local” tagging for referenced content was not being extracted as part of translation extracts.

Implemented new *prodlId* token for use within *arg* nodes (under *externalProcess*).

# Release ST 2.5.2

## Vasont Editorial Environment

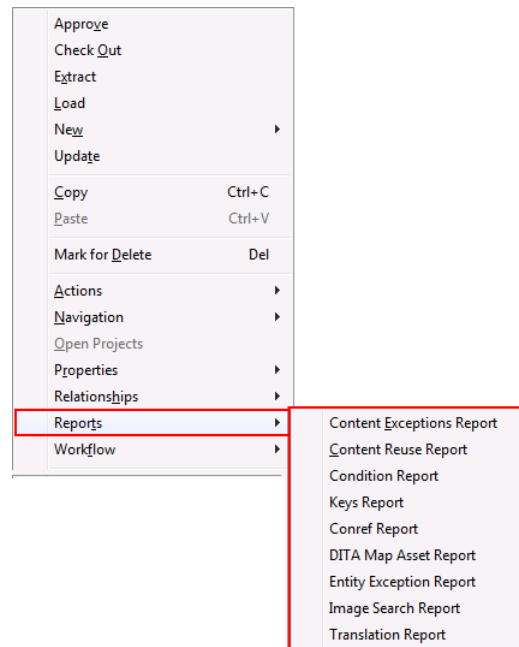
This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.5.2.

### Reports Submenu

There are several processing options available for adding reports to your configuration. These reports are typically added to the collection's navigator right-click menu. In order to group and organize reports on the right-click menu, a new submenu has been added.

By default, the Content Exception Report and the Content Reuse Report appear on this submenu (Providing the User Profile has not been set to promote them to the main part of the right-click menu).

Custom reports that are added to the right-click menu with a processing option have an argument that determines whether they are placed on the Reports submenu or main portion of the right-click menu. See the *Processing Option* section of this document for processing options that have been updated with this new argument.



### Map Asset Report Enhancement

The Map Asset Report can now be customized to include meaningful attributes that reside on the primary components. Up to 15 attributes can be included, and they are displayed to the right of the existing default columns in the report.

This report is added to your system by applying the *map\_asset\_report* processing option. See the Processing Option descriptions in the Vasont Administrator or *Processing Option Guide* for more information.

Asset	Collection	Branch Label	Status	Client Key	Create/Edit Date	User	Checked Out (Locked)	Owners	Conref Target	Base	Dir	Rev
Blood_Pressur Images			Approved	Blood_F11/22/2011	STEV	ALAN				BloodP		
Introduction    e Concepts			Draft	a2	11/22/2011	STEV	STEVE		Yes	Blood f		
Safety Notices Concepts			Approved	a3	11/18/2011	TINA				BloodP		
Preparing to T e Concepts			Draft	a4	11/18/2011	TINA		LARRY		BP	Iro	

Count 7

Report Close

## Content Reuse Report Enhancements

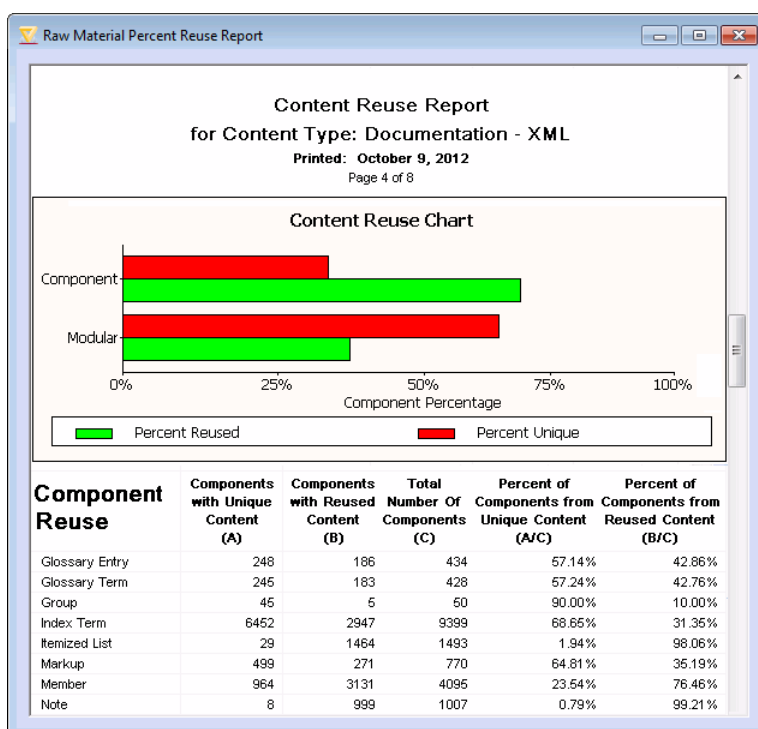
Enhancements have been made to the Content Reuse Report to provide more refined statistics and a graphical display of reuse. This report shows the valuable benefits of using the Vasont CMS to your company management and verifies that writers are taking advantage of previously written content in the system to improve lead times and develop content consistency. Reuse of base language content (typically English content) can also lead to lowering translation costs for content that has been previously translated.

1. A colored graph has been added to the top of the Content Reuse Report to show component and modular reuse.
2. The report can be run from **Reports** → **Raw Material** → **Content Reuse**, and now from a primary component, such as a Map or Manual.

Running the report from a Map or Manual allows you to record the reuse statistics for a given document and release at a specific point in time. Consider saving the report to a file and storing it in the system for future comparison of document releases to show your improved reuse as a document evolves.

When initiated from a Map or Manual, you have the option of displaying a report for the “local”, as well as the “global” reuse. A button will appear in the upper left corner for toggling the report from Local to Global when launched from this location. Local reuse considers the reuse of components specifically in the map or manual you are concerned with. Global reuse considers the reuse of components, not just in the map or manual you are examining, but anywhere else in the Vasont database, such as in other maps or manuals.

3. If your configuration utilizes reuse at a subcomponent level, rather than a modular primary level, a new processing option, called *content\_report\_sub\_components* can be applied in your configuration to create a reuse report. See *content\_report\_sub\_components* in the *Processing Option Guide* for more information.



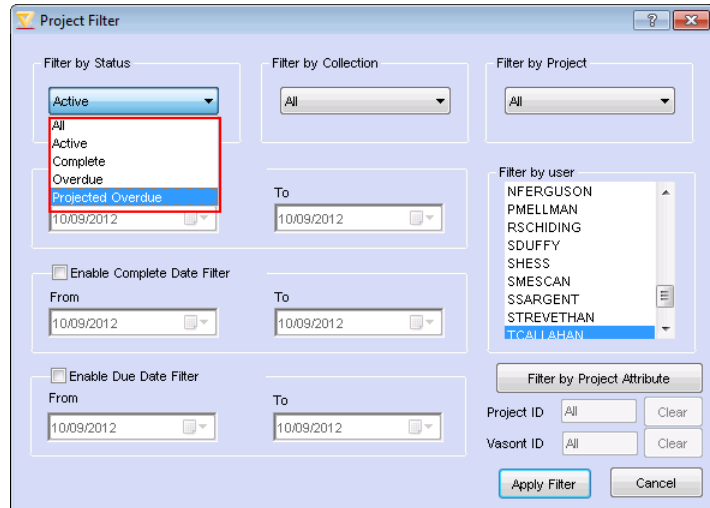
## Project Management Filter for Estimated Overdue Projects

Having the ability to identify projects that are in danger of becoming overdue allows you to take action and steer the projects back on track or extend the schedule based on current progress before it is too late. Vasont's “projected overdue” status alerts you to projects that are in jeopardy of missing their schedule dates.

Prior to this software release, the Project Management window could be filtered for workflow projects that were “Active”, “Complete”, and “Overdue”. With this release, you can now filter for projects that are predicted to become overdue based on system logic.

The logic for locating projects that are predicted to become overdue is as follows:

- Projects that are currently active.
- Projects that have an estimated completion date greater than the due date.
- Projects that are not currently overdue.

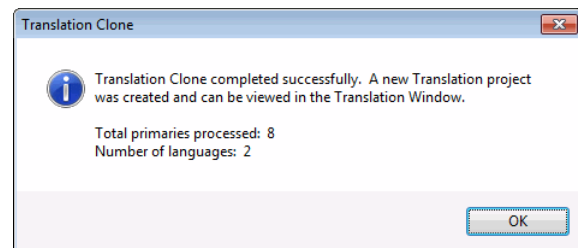


## Translation Clone Enhancements

Two new enhancements are available for the translation clone process.

### Translation Clone Summary Message

A message window has been added to the translation clone process that: 1) lets you know when the cloning of content has completed, and 2) summarizes the number of modules that have been cloned and the number of languages for which the clone was performed.



### Improved Clone Performance

The *streamlined\_exact\_clone* processing option has been enhanced to work with the *translation\_clone* processing option in order to achieve improved speed during the translation clone operation.

In a typical DITA setup, this could be configured for the topic collections since cloning of the topics to translation collections is what takes the most time in the translation clone operation. Using *streamlined\_exact\_clone* for topic collections has made the translation process run more than twice as fast as the normal configuration in our testing.

The *streamlined\_exact\_clone* relies on the source and target collections having the same edit view setup. In most configurations, this is normally the case with base topic collections and their corresponding translation topic collections.

Note: The *streamlined\_exact\_clone* does not handle *post\_add* processing options on the target collection for sub-components, although it does handle *post\_add* processing options for the primary components. Since the client keys are not adjusted in translation collections the absence of *post\_add* processing options should not be an issue in a normal configuration. If there are other critical *post\_add* processing options for sub-components in translation collections then this configuration should not be used.

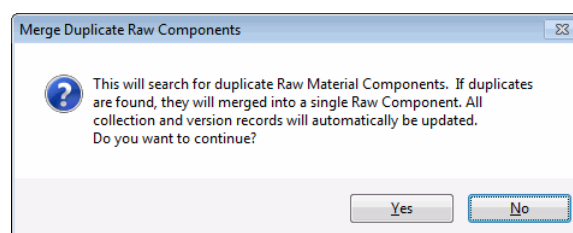
## Vasont Administrator

This section outlines the enhancements and new features in the Vasont Administrator for Vasont ST 2.5.2.

### ***Merge Duplicate Raw Material for Pointers***

The Merge Duplicate Raw Components Utility now includes logic to merge components of the Raw Pointer class. Duplicate pointer components are found by comparing the component they point to and text of the pointer (if text exists).

When **Utilities** → **Merge Duplicate Raw Components** is selected, the message that displays has been updated to reflect the enhancement.

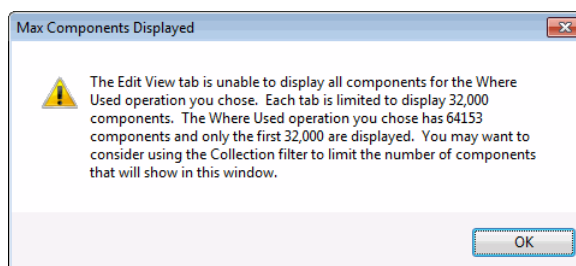


### ***Where Used Filter Enhancement***

Two changes have been made to the Where Used functionality in the Vasont Administrator. These changes will allow you to more effectively perform batch updates from the Where Used window for Processing Options, Attributes, and Raw Components.

### **Where Used Retrieval Message**

The Where Used window is capable of showing 32,000 records for any of its view tabs (i.e., Edit, Load, Extract). If there are more than 32,000 the user is notified that the results of the Where Used exceeds the number of entries that can be shown in the tab window. The message identifies the affected view tab and the number of records that exist in the system. The message recommends that you run the Where Used process again and narrow the scope of collections to be interrogated, so that you can be sure you are seeing accurate results and making batch updates consistently.



When you click OK, the Where Used window will appear showing the 32,000 entries that it is capable of displaying. The remainder of the entries are not displayed.

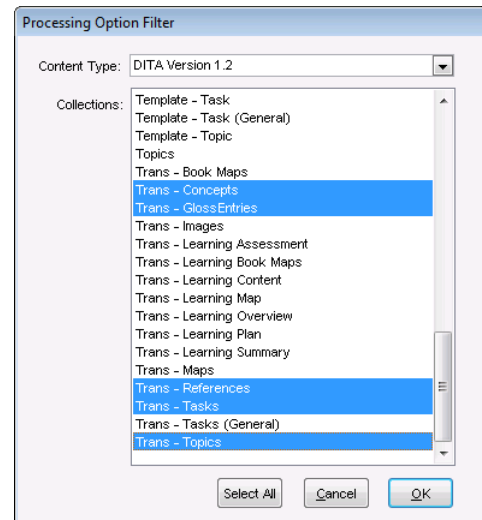
The new multiple select collection filter will allow you to more accurately select the collections that you want to interrogate. See *Where Used Collection Filter* in this section.

## Where Used Collection Filter

The Where Used Collection filter has been enhanced to allow you to select two or more collections for interrogation. The size of the window has increase so that you can select all collections, or use Shift + click or Control + click to selectively choose desired collections.

This enhancement now gives you the ability to more easily make batch updates to a group of collections by narrowing the scope of results, rather than working through an overwhelming list of entries to find the appropriate entries.

The filter is available when performing a Where Used from a Processing Option, Raw Component, or Attribute.



## Processing Options

The following processing options are new or altered for Vasont ST 2.5.2.

### New Processing Options

attribute_update	generate_history_topic
child_multimedia_from_file	modular_attribute_update
component_ownership_update	modular_ownership_update
content_report_sub_components	prevent_update_no_blob
dynamic_index_from_attributes	ref_extract_conkeyref
extract_directory	

### Processing Options With Additional Events

load_protect_by_attrb	Has been added to the <b>load_component_pre</b> event.
client_key_directory	Has been added to the <b>extract_filename</b> event.  This option can also be used in conjunction with the extract_directory option. For example, you could apply extract_directory first to specify a particular directory. Then apply this processing option to create a client key sub-directory inside of the directory specified in the extract_directory.

### Processing Options With Additional Arguments

metadata report	<b>menu_placement:</b> Defines where a menu item could be placed. Values are <b>Main</b> or <b>Reports</b> .
image_search_report	<b>menu_placement:</b> Defines where a menu item could be placed. Values are <b>Main</b> or <b>Reports</b> .
entity_exception_report	<b>menu_placement:</b> Defines where a menu item could be placed. Values are <b>Main</b> or <b>Reports</b> .
translation_report	<b>menu_placement:</b> Defines where a menu item could be placed. Values are <b>Main</b> or <b>Reports</b> .
ref_extract_conref	<b>pointee_attribute:</b> This is an optional argument that defines attributes on the conref component that will be extracted as part of the conref target content. For example, the conref attribute would not normally be extracted since the target of the conref does not contain a conref attribute. If conref was specified in this argument then that attribute would be extracted with the target content.
map asset report	<b>menu_placement:</b> Defines where a menu item could be placed. Values are <b>Main</b> or <b>Reports</b> .  <b>attribute name:</b> Defines one or more attributes to be included in the report.

## API

The following APIs have been added for Vasont ST 2.5.2.

- f\_translation\_clone



## Software Fixes

The following issues have been fixed in Vasont ST 2.5.2.

### Vasont

- **Multiple-Value Attribute Window Error**

Fixed the error that occurred when the *Select Multiple Valid Values* window contained no valid values and the **OK** button was clicked without making any changes.

Workarounds for this issue:

1. If the *Select Multiple Valid Values* window is opened when no valid values exist and the user does not want to add any, then choose **Cancel** instead of **OK**. This will prevent the error from occurring.
2. If **OK** is clicked when no valid values exist, then choose **Continue** when the error occurs. Under most circumstances, the user can choose **Save** again and it will work.

- **Content Exceptions Report keyref Fix**

Fixed the issue where the keyref category of the Content Exception Report was not accurately resolving keyrefs that referenced a sub-component. This caused an entry in the Content Exception Report showing that a keyref could not be resolved within the content of the map.

- **Duplicate Raw Pointer Components**

Fixed the issue where a new pointer component (e.g. xref or topicref) did not correctly find an existing duplicate and would create a new pointer raw material.

Vasont uses raw material to recognize identical content. For example, if you have an identical pointer component (e.g. same text, points to same component) then that constitutes the same raw material. This issue was allowing duplicates to be created rather than utilizing the existing raw material. The issue does not cause functional issues with how the pointers work in Vasont, but does impact viewing and reporting reuse of pointers. For example, a Where Used on a pointer may not display other identical pointer components.

This issue is fixed in the ST 2.5.2 release and going forward no additional duplicates will be made. To clean up existing raw material the Duplicate Raw Components utility in the Vasont Administrator has been expanded to merge duplicate pointer components.

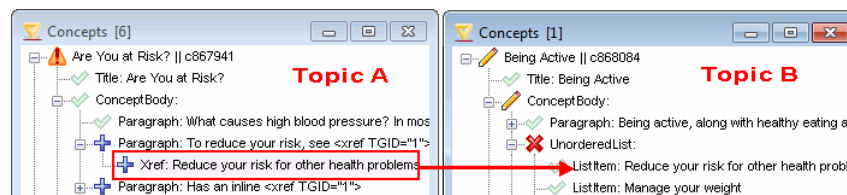
- **Right-click Efficiency on Large Primaries**

Improved the efficiency when performing a right-click in the navigator window on a component within a large primary (i.e., 50,000 or more components). Optimizations to the underlying SQL have shown significant improvements; for example a right-click that previously took over 30 seconds has now been reduced to one or two seconds.

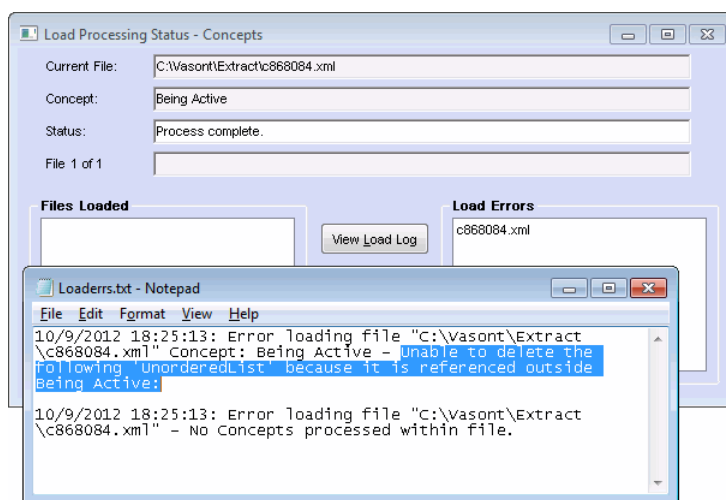
- **Load Referenced Descendant Delete**

Implemented new load logic to interrogate descendants of a component that is being deleted to ensure integrity of pointers.

For example, assume a Xref from Topic A points to a ListItem in Topic B. If Topic B is extracted, and the Unorderedlist is deleted, the new logic will interrogate descendants of the component being deleted to ensure the integrity of pointers to those descendant components.



With the new logic, the load will fail and an error message will be added to the Load Log.



# Release ST 2.6.1

## Vasont Editorial Environment

This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.6.1.



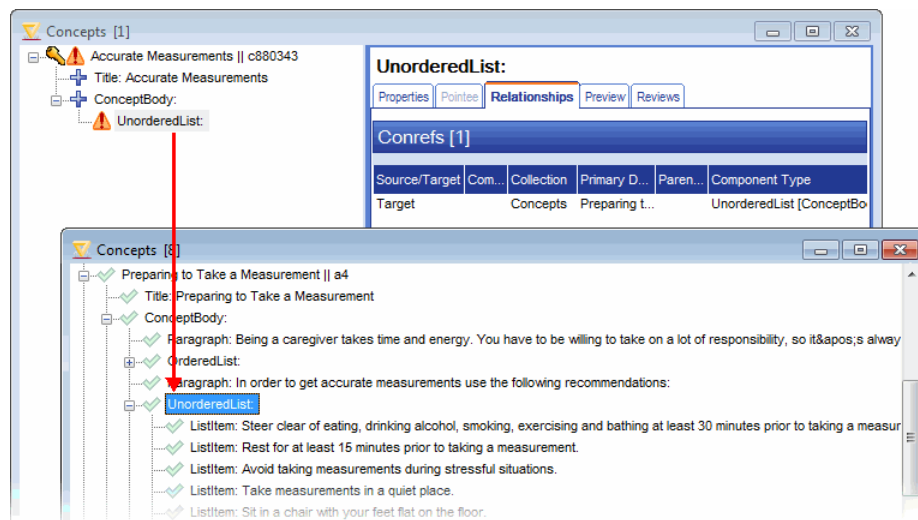
This release is primarily comprised of client customizations.

## Validation of Conref Components

New logic has been added to introduce additional validation logic for components that contain DITA conref attributes.

Vasont validation logic marks components as incomplete when a required child component is missing. In DITA, it is possible for components to utilize the conref or conkeyref attributes, which means that the body of content is stored elsewhere and referenced. In this case, the required child components may not be present and Vasont's logic would mark the components with an incomplete status.

For example, a Concept contains an UnorderedList component that uses a conref to an UnorderedList in another Concept. Old logic would cause the UnorderedList with the conref attribute to be marked as incomplete. This release introduces new logic that will recognize the conref setting and not mark the component as incomplete.



## Processing Options

The following processing options are new or altered for Vasont ST 2.6.1.

### New Processing Options

attribute_from_pointee	match_attribute
correspondence_generation	mm_chapter_history
job_publish_file	remove_attribute_values
keyref_nav_name	update_attribute_referenced_by
keyref_text	

### Processing Options With Additional Arguments

prevent_complete_descendant_required	<b>descendant_component:</b> Changed this argument to allow multiple descendant components. These components will be required to exist before the workflow task can be completed.
reassign_pointers_on_clone	<b>include_descendants:</b> Determines whether to reassign pointers to descendants of the component being cloned. If not specified, the default is “no”.

# Release ST 2.7

## Vasont Administrator

This section outlines the enhancements and new features in the Vasont Administrator for Vasont ST 2.7.

### ***System Profile for Batch Extract Filenames***

By default, when using the Batch Extract Queue feature, filenames are manipulated to ensure that filenames are unique. Now, a new system profile has been added that will honor filenaming processing options that are applied to an extract view header. Setting the **batch\_extract\_unique\_filename** to *No* will honor processing options like `client_key_filename`, `extract_directory`, and `job_publish_file`. Setting the system profile to *Yes* or leaving the setting blank will continue with the default behavior of creating unique filenames for the Batch Extract Queue.

### ***Collection Merge Utility***

A utility has been added to the Vasont Administrator that will allow you to update collection views from a source view. It can be used to update edit, load or extract views by defining a source view that contains the components that need to be copied or merged into a target view. For example, there are two Notes collections, one for Warnings and another for Tips. Both collections should contain the same component structure. When one collection has been updated with new components, the second collection's updates can be automated by using the new utility. Instead of manually adding each new component or dragging and dropping new components, this utility will do the work for you.

The merge utility will update one view at a time. It requires that the source and target view have the same primary component in common. The source view is the definition of components that need to reside in the target view.

In addition to placing new components in the target view, some of the component properties will be copied. These properties are (depending on whether the view is an edit, load, or extract):

- Processing options (including the argument values found on the source component)
- Attributes and their valid values (if applicable). See the *Vasont Administrator Guide* for more information on how Alias Attributes and Component Attributes will be handled in the merge process.
- Occurrence Rules
- Component Valid Values
- Pointer Definitions
- Global Change Settings
- Transform Settings
- Navigator Order
- Match Criteria

This utility is helpful in updating collection views when numerous DTD changes are needed or for a DITA configuration that needs updated to a newer version of the DITA specification. Contact your Vasont support leader for more information on how this tool can be used and to define a strategy for your DITA upgrade.

## Validation and Comparison Reports

Several new reports have been added to the Vasont Administrator to help administrators compare and validate their collection views.

**Validation Reports:** These reports will help you locate missing components or important setup properties.

- In **Reports** → **Edit View**, a report for **Undefined Pointers** has been added. This report will list all pointers found in your system that do not have pointer records defined. The results are grouped by collection and component. Use this new report to quickly locate problem pointer components and correct them.
- In **Reports** → **Extract/Load View**, a report for **Component Validation** has been added. This report will compare the selected extract or load view components to the edit view components. If there are components found in the edit view, but are not present in the selected extract or load view, they will be listed in the report. This report will quickly point out where there are inconsistencies and allow you to fix them.
- In **Reports**, a new category called **Comparison Reports** has been added. This category of reports provides options for checking components, processing options, and attributes between two views. You will be asked to define a source view and a target view. The reports will list items that are unique to each view selected.
- The **Reports** → **Comparison Reports** contains a subcategory of reports called **Client Key Exception**. These reports will check for components that are the missing client key processing options. For example, the Edit View Client Key Exception report will check the components in the selected edit view for the `client_key_from_id` processing option. If a component is found that does not have the processing option it will be added to the report. The Extract View Client Key Exception report will report on components that do not have an attribute with the `client_key` processing option applied, and the Load View Client Key Exception report will report on components that do not have an attribute with the `client_key_load` processing option applied. These reports will quickly help you locate client key configuration problems in your setup and fix them.

These reports will be helpful when doing a DITA upgrade, or when making a large number of updates to your collections because of DTD changes and you need to validate the accuracy of your work. You may also consider using them on your current configuration to locate problem areas that may currently exist.

## Vasont Universal Integrator

The items in this section outline the enhancements and new features in the Vasont Universal Integrator (VUI) for Vasont ST 2.7.

### FrameMaker 11 VUI Enhancements

Enhancements have been added to strengthen the FrameMaker VUI and support new features in FrameMaker 11.

**Insert DITA Xref** is a new Vasont menu item that will run the user through the same wizard as the Pick DITA href link menu option. The difference between the two options is that the new insert menu option will first create the Xref tag at the cursor location and also add the href attribute value based on the target component chosen by the user. If the cursor is at a position where an Xref is not allowed, then a error message window will display.

**Open Image Pick List** is a new option in the FrameMaker VUI for selecting images from the Vasont database. The feature works the same as the Image Pick List window in our other VUIs for XML editors (e.g., Oxygen, Arbortext). It allows you to communicate directly with an image collection in Vasont. A filter narrows the scope of images that will be displayed in a browser. The browser can display the images as a list view, thumbnails, or larger image views. When the desired image is located, a Copy button places the image in the Windows clipboard. The **Paste Image** menu item will paste the image into FrameMaker in a location where an image is allowed in the structure. The appropriate image tag, as well as the image file link, are inserted.

**Integration with FrameMaker 11's Author View:** FrameMaker 11 has multiple views. The two common views for working with content are Author View and WYSIWIG view. Logic was added to FrameMaker to allow VUI to function in both of these views. Note: FrameMaker VUI does not function in the XML/Text view. This is consistent with other VUI integrations.

**Map Editor Integration:** This release allows the Update Vasont Database menu item to function when the FrameMaker Map Editor is open.

## Software Fixes

The following issues have been fixed in Vasont ST 2.7.

### Vasont

- **Translation Client Key Filter**

The Translation Window filter has a client key option. The client key field is only activated when a collection is chosen and then the client keys of all the primary components within that collection are available. This release fixes the issue where the client key field was being populated with client keys for the first collection only in the list. This fix will now properly populate client key values based on the chosen collection.

- **Metadata Capture for BLOBs**

Vasont stores all multimedia files in the Oracle database. The method to store this information has been changed to accommodate larger file sizes. Specifically, the change alters the underlying data type to a BLOB. This alteration caused the Metadata Capture feature to not function correctly.

Note: Not all Vasont clients had their databases switched to the storage method that uses a BLOB data type. It is an optional conversion done by clients if they have the need to handle larger file sizes. Consequently, this fix is only required for clients who have not had the conversion to the BLOB data type previously implemented.

- **Metadata Report Fix**

Fixed the problem where reports configured with the metadata\_report processing option were not navigating to the correct component when *Open Navigator* was selected. The metadata report is typically used to display the condition attributes on a map or manual's modular content. The problem typically occurred when the rows in the report were resorted and then Open Navigator was selected.





# Release ST 2.8

## Vasont Editorial Environment

This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.8.

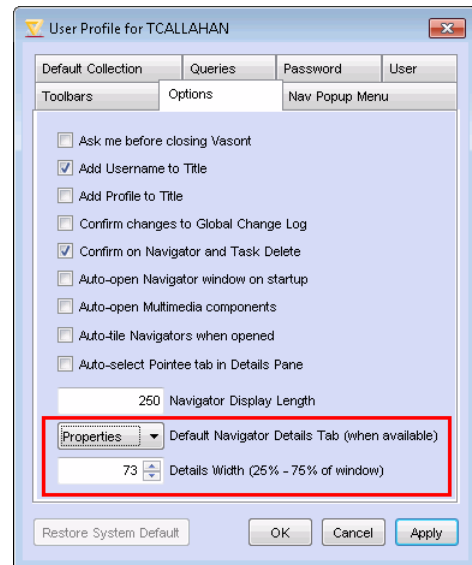
### User Profile Options for Details Pane Defaults

The User Profile now contains options for setting Details pane defaults.

**Default Details Tab**— A drop-down list is available to choose the Details tab that you would like immediately visible when opening collection navigators. The available options are:

- Properties
- Relationships
- Preview (*honored only if configured for the collection*)
- Reviews (*honored only if configured for the collection*)

**Details Pane Width**— The Details Width option allows you to set a percentage value for the width of the pane when you open new collection navigators, workflow, project management, translation management, and review list windows. The setting is also honored when choosing Windows → Vertical or Windows → Horizontal. Due to the design of some windows and collection navigators, the percentage value must be between 25% and 75%. The setting can be defined by entering a value in the User Profile → Options, or by dragging the Details pane divider bar in one of the windows described for this option.



These settings can eliminate the time that users may take to repeatedly change the system default width for the Details pane to settings that they prefer.

### Changes to Setup Extract Conditions Window

Some changes have been made to the Setup Extract Conditions window in this release to support the new Auto-publishing feature.

By default, users will be able to create and save condition sets for their use. They will no longer be able to share their saved condition sets unless they have a new privilege assigned to their user account or role.

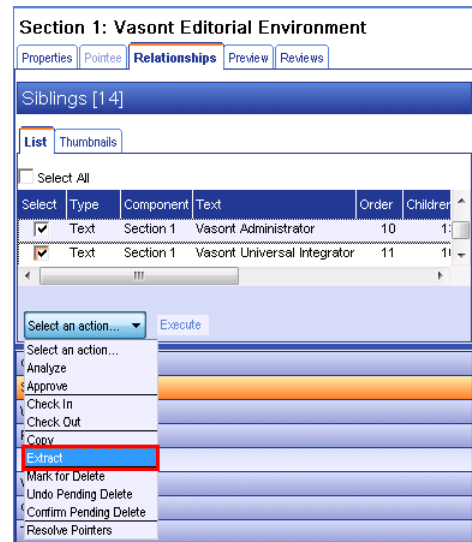
See [New Advanced Privileges](#) and [Setup Extract Conditions](#) for more information.

## Multiple Component Extract from Batch Action List

A new **Extract** action has been added to the batch action list in the following locations:

- Children and Siblings information bar on the Relationship tab of the Details pane
- Cross Collection Search window
- Search Results List

This feature makes it convenient to extract a group of children or sibling components from a collection navigator. For example, when working in a DITA Map collection, you can now go to the Details pane → Relationship tab → Siblings information bar to select several topic references and perform an extract of the pointees.



## Filtered Collaborative Reviews

The Collaborative Review feature now supports the ability to perform reviews on content that has been filtered using conditional attributes. This enhancement allows your subject matter experts or reviewers to view the content that is relevant for a specific set of conditions, rather than seeing components for all possible conditions.

When the extract view for your review process is configured with the conditional extract selection window, the behavior of the editorial portion of the Review will be altered.

The Review is initiated with the normal practice. The one difference is that the review coordinator will be prompted with the Conditional Extract window so that they may make the attribute selections to filter the content for the review.

Reviewers will perform their tasks as normal (i.e., insertions, replacements, deletions, comments).

Editors accept and reject the reviewer's markup as normal, with the exception that the accepted items will not be automatically altered in the database at the end of the editorial cycle by performing a load process. Instead, the accepted items are marked as "pending", and the editor will manually apply the alterations to the content in the post editorial phase.

Since the content is filtered, there are components missing in the file that was pulled to create the review. If Vasont automatically loads the revised content to the database, the components that were not included in the filtered review would be lost. Therefore, the editor needs to manually apply the markup items.

In the post editorial phase, the editor will select each item and manually make the alteration to the components. As each item is altered, the editor will mark the item with the "Pending Applied" status. When all pending markup is applied, the editor will close the review.

## Auto-Publishing

This release offers features that allow content to be automatically extracted and published. The published content can optionally be loaded into a special collection in the database that can be interrogated by users with Vasont seats or by users who have [Web Query Access Seats](#).

A special user account is used to perform the publishing extract process, so electronic publishers or project managers do not have to be logged in to perform any portion of the publishing process. If they are logged in, they don't have to sacrifice valuable time for extract and load processes that can be otherwise used for other Vasont activities.

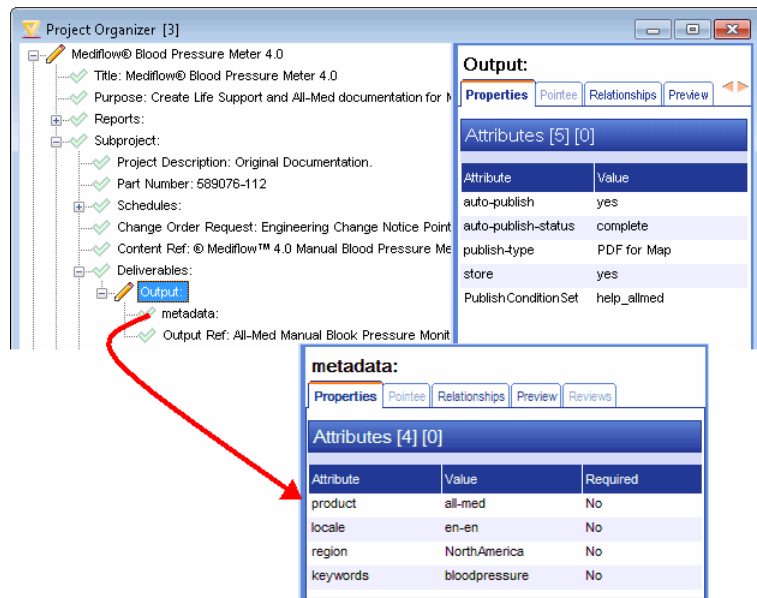
Vasont Systems demonstrates this functionality using a Project Organizer collection, although the configuration is flexible and can be tailored to meet your needs.

In the Project Organizer Collection, the **Content Ref** pointer component links to the Map that will be published.

In the Deliverables section, the **Output** components contain metadata that drives the auto-publishing process. Each Output component has attributes that define a publishing format, conditional filtering, and the status of the publishing process.

The **metadata** component holds attributes that will be added to the completed published document component. These attributes will be used by Vasont users or Web Query Access users for querying the storage collection (or component libraries) to find specific documents.

The **Output Ref** pointer component links to the completed published document.



The automated publishing process is initiated by the *auto-publish-status* attribute when it is set to the “start” value (most likely through the completion of a workflow task). An external publishing daemon program will poll the database for Output components that have the “start” attribute value and begin the extraction process. A manifest file is created from metadata on the component, and travels with the content to supply information to the publishing engine and load process program. The publishing engine can be the DITA-OT or other external publishing program. When the publishable output is completed, it will be placed into a specified folder where the publishing load daemon program can find it and acquire information from the manifest file to determine where and how the published document should be loaded in the database. After the published document has been loaded to Vasont, an Output Ref pointer component is created in the location where the process was initiated (Project Organizer collection), and is linked to the published document in the published documents collection. Vasont users can query the collection for the published documents, as well as users with Web Query Access seats, and download the document to their local machine.

During the process, the *auto-publish-status* attribute value is updated to mark the status of the overall process. When the attribute is set to “start”, the process begins and the content is extracted. Once the content is successfully extracted, the attribute is set to “pending” to indicate that publishing is taking place. After the published document is loaded to the database, the attribute is set to “complete” to indicate that it has been published, stored in the database, and available for viewing.

The Output component also contains a *publish-type* attribute that defines a **Publication Type** that contains information about the extract and load views to be used for processing.

If condition filtering is required for publishing the content, then the Output component will utilize the *PublishConditionSet* attribute to define the **Saved Condition Set** to be used.

The following sections provide more detail on the new features on which this process relies.

## Publications Types

Publication Types provide publishing information to the Auto-Publishing process. Publishing Types are meant to make publishing information easier to define for non-technical users of Vasont.

The Publication Types can be found at **Views → Manage Publication Types**.

Each Publication Type has a name and numeric identifier. The entry defines the collection where the content that needs publishing exists and the extract view to be used for the process. If the published document is to be stored in Vasont, then load information is included, the name of the collection where the published document will be stored and the load view to be used for the process.

The **publish-type** attribute on the Output component in the Project Organizer will reference a specific Publication Type.

The screenshot shows the 'Manage Publication Types' window with a table of existing types and a 'Modify Publication Type' dialog box.

Publication Type Name	Extract Collection	Extract View	Load Collection	Load View	Configuration
PDF for Book Map	Book Maps	Publish_BookMap_to_PDF	PDFs	PDF Load View	Project Organizer
PDF for Map	Maps	Publish_Map_to_PDF	PDFs	PDF Load View	Project Organizer
Steve Test	Book				

The 'Modify Publication Type' dialog box is open, showing the following fields:

- General Properties**
  - Publication Type Id: 7
  - Publication Configuration: Project Organizer
  - Publication Type Name: PDF for Map
- Extract Information**
  - Extract Collection: Maps
  - Extract View: Publish\_Map\_to\_PDF
- Load Information (optional)**
  - Load Collection: PDFs
  - Load View: PDF Load View

Buttons: OK, Cancel

Users with a special security permission will be allowed to create and update Publications Types. (See [New Advanced Privileges](#) for more information.)

If an attempt is made to delete a Publication Type, and it is utilized in at least one attribute of the PUBLISH\_TYPE, then a warning message will be displayed. The number of uses will be provided and the user has the option to continue with the deletion or abort the deletion process.

## Setup Extract Conditions

Prior to this release, the Setup Extract Conditions window was only available when performing a conditional extract process. This window is now accessible from the Attribute Update window when the attribute has been configured as a **SAVED\_CONDITIONS** type of attribute.

An ellipse button will appear next to the attribute in the component's attribute update window. Clicking this button will pop-up a menu to view, add, or modify saved condition sets. Choosing one of these options will open the Setup Extract Conditions window. See [Publish-Type and Saved-Conditions Attributes](#) for more information.

If you have special permissions for adding, modifying, or deleting saved condition sets that will be shared, then you will be able to make modifications through this interface. See [New Advanced Privileges](#) for more information.

Saved Conditions Sets can be attached to an Output component by assigning the name of the saved set to a specified attribute. When the content is automatically extracted for publishing, the specified saved condition set will be applied for filtering.

If an attempt is made to delete a Saved Condition Set, and the set is utilized in at least one attribute of the **SAVED\_CONDITIONS** type, then a warning message will be displayed. The number of uses will be provided and the user has the option to continue with the deletion or abort the deletion process.

## Publish-Type and Saved-Conditions Attributes

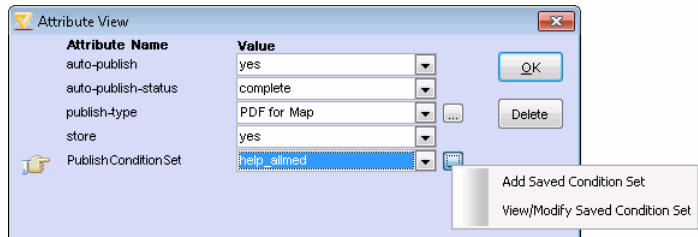
The Output component contains attributes that have special behavior in the Auto-Publishing process.

**PUBLISH\_TYPE:** The drop-down list reflects the Publication Types found in the system.

An ellipsis button will appear next to attributes of this type. When selected, a pop-up menu will appear with selection for adding or updating Publication Types, provide you are a user with permission to do so. An option for viewing the Publication Type is also available on the menu.

**SAVED\_CONDITIONS:** The drop-down list reflects the Saved Condition Sets that have been configured and shared through the Setup Extract Conditions window.

An ellipsis button will appear next to attributes of this type. When selected, a pop-up menu will appear with selection for adding or updating Saved Condition Sets, provided you are a user with permission to do so. An option for viewing the Saved Conditions Sets is also available on the menu.



If a user, who has special permissions, tries to delete a Publication Type or a Saved Condition Set, and it is utilized by at least one attribute defined as a PUBLISH\_TYPE or SAVED\_CONDITIONS type, then a warning message will be displayed. The message will report the number of uses and allow the user to decide whether they would like to continue with the deletion or abort the process.

This behavior is controlled in the Vasont Administrator configuration. See [New Attribute Type Values](#) for more information.

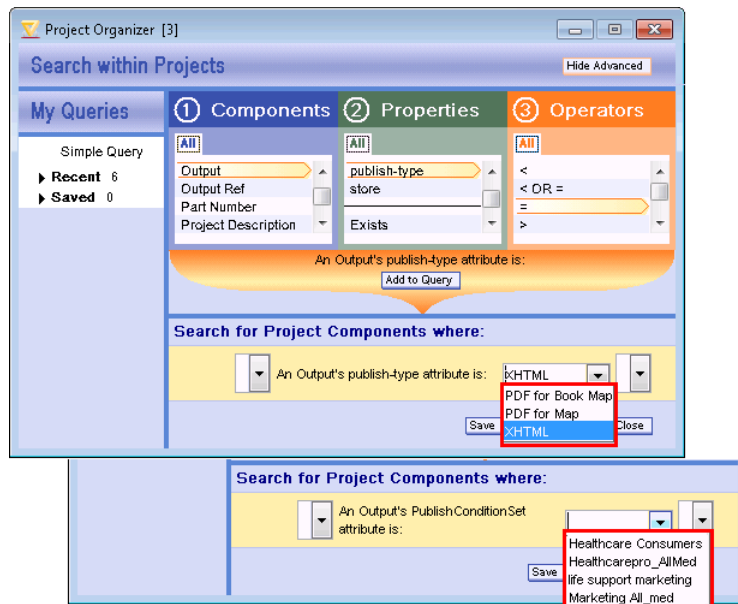
## Queries for Publish-Type and Saved-Conditions Attributes

The query page will react to the PUBLISH\_TYPE and SAVED\_CONDITIONS attributes when selected for query criteria. A drop-down list will be available that displays allowable values for the attribute.

**PUBLISH\_TYPE** Attributes: The drop-down list reflects the Publish Types defined in your system.

**SAVED\_CONDITIONS** Attributes: The drop-down list reflects the Saved Condition Sets that have been configured through the Setup Extract Conditions window in your system.

This behavior is controlled in the Vasont Administrator configuration. See [New Attribute Type Values](#) for more information.



## Auto-Publishing Daemon Program

The Auto-Publishing daemon program is necessary to utilize this feature, and can be requested by contacting your Vasont support leader. Your support leader can provide options for assisting you in the implementation of this feature.

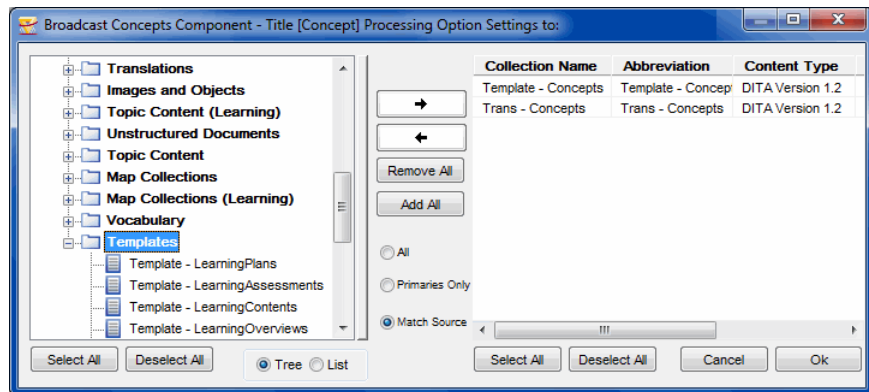
## Vasont Administrator

This section outlines the enhancements and new features in the Vasont Administrator for Vasont ST 2.8.

### Broadcast Processing Options

This enhancement improves the functionality of the Broadcast Processing Options feature on an edit view component's update window.

Clicking **Broadcast Processing Option Settings** button will present a target collection window. In this window, select the collections where you would like to update similar components with the processing options that exist on the source component. By selecting radio buttons, choose to show all components for the selected collections, or primary components only, or just components of the same type as the source component in the target components window.

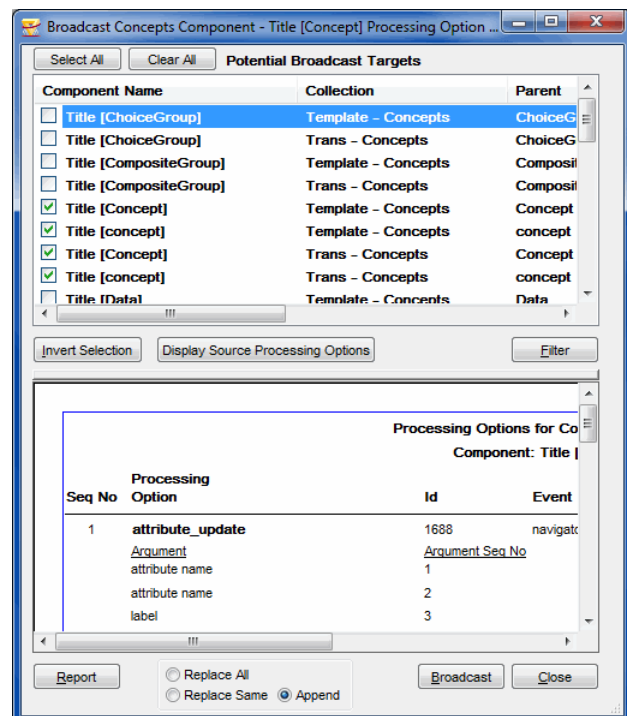


Place checkmarks in the boxes of the components that you would like to update with the processing options found on the source component. The lower portion of the window allows you to view processing options that currently exist on the source or on a selected target component.

A **Report** option will show the source and target component's processing options that will be changed by this process.

When the target components have been selected, you may choose to **Replace All** processing options on the target components, or **Replace Same** processing options on the target components, or **Append** the source processing options to the existing processing options on the target components. When you are ready to proceed, click the **Broadcast** button to complete the process.

This enhancement will allow system administrators to update edit view processing options more efficiently.





## Batch Copy Components

The Batch Copy feature allows you to improve the process of updating collection views when a new component needs to be added to your collection structure. With this feature, you can add the component to one place and define the properties that are appropriate (i.e., occurrences, navigator order, processing options, etc.), then right-click on the component and select **Batch Copy** to place a copy of the component in the corresponding views.

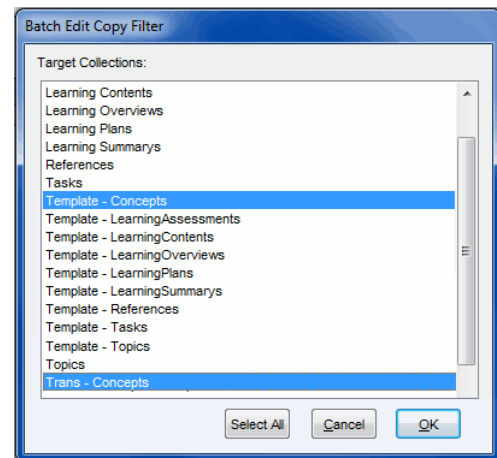
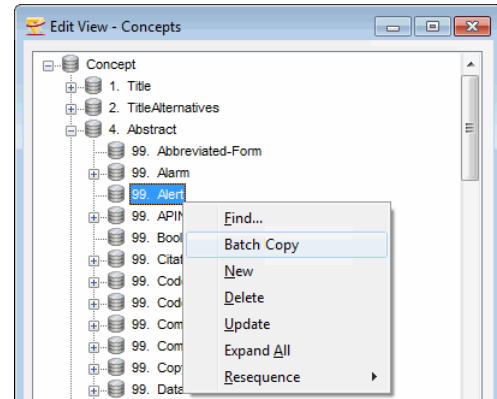
When performing the action, you will be presented with a Target Collection filter where you can choose the collections and views that should be updated during the process.

The collections listed in the filter window are based on the following criteria:

- If the user is an Associate Administrator, then only collections that the user has privileges to will be listed.
- Collections where the parent component exists, but the selected child component does not.

Clicking OK will begin the process. When the process has completed a message will display.

The Batch Copy is not recursive. This means that the children and descendants of the copied component will not be included in the process. Therefore, you may need to perform this process multiple times to create a component hierarchy.



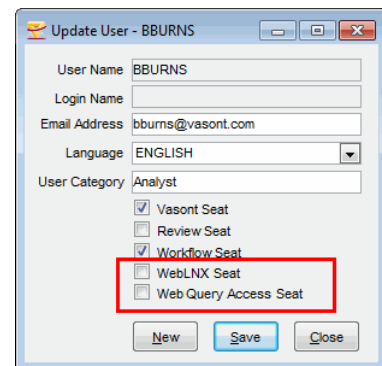
## Changes to Accommodate Vasont WebLNX<sup>®</sup> and Web Query Access Seats

### User Account Product Selections

The User Update window has two new types of seat accounts: 1) Vasont WebLNX<sup>®</sup> Seat, and 2) Web Query Access Seat. These selections are available for clients who have purchased Vasont WebLNX<sup>®</sup> or Web Query Access seats. Checking one of these boxes activates the seat for the user. If no seats are available or if the product is not part of your license agreement, you will not be able to save the selection when closing the window.

### Vasont User Information Report

This report is accessible from **Reports → User Navigator → User Information** and is now extended to show product selections for Vasont WebLNX<sup>®</sup> and Web Query Access seats.





## Vasont Licensed Seat Report

This report is accessible from **Reports** → **User Navigator** → **Vasont License Report** and is now extended show number of Vasont WebLNX<sup>®</sup> and Web Query Access seats owned and allocated.

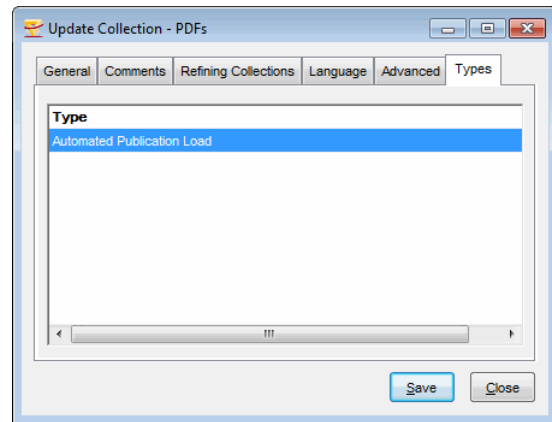
## Collection Types

A new **Types** tab has been added to the Collection Update window for marking special collections to be used with Auto-Publishing and Web Query Access.

When you right-click in the pane and select **Add**, a window with a predefined list of available values will be displayed. Current values are:

- Automated Publication Configuration
- Automated Publication Extract
- Automated Publication Load
- Component Library

Use of this tab will be defined in instructions for configuring the Auto-Publishing feature and Web Query Access.

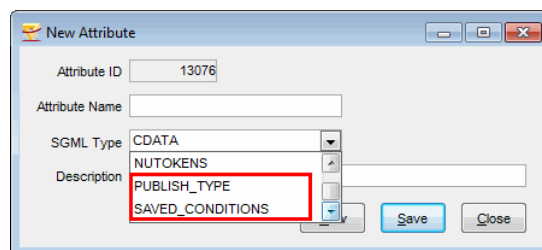


## View Deletion Restrictions

Auto-Publishing processes rely on various configuration items existing in the Vasont Administrator (i.e., extract and load views, collection types). Therefore some protection has been implemented to prevent system administrators from unknowingly deleting part of the configuration. When one of these items is selected for deletion, and if it is utilized by one or more Publication Types, a message will display explaining that the view or collection type is in use with a Publication Type and cannot be deleted.

## New Attribute Type Values

Two new attribute type values have been added to support the Auto-Publishing feature.



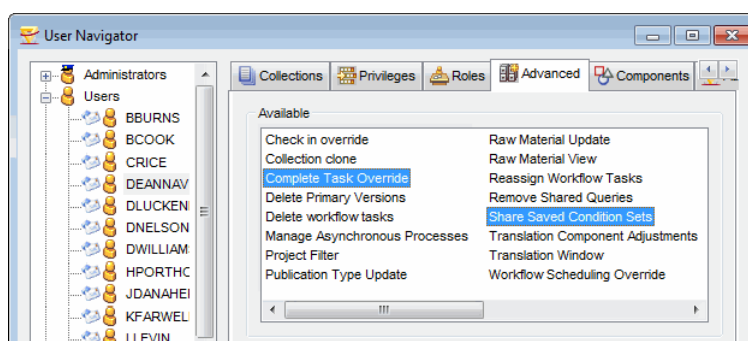
- **PUBLISH\_TYPE**— Attributes of this type are related to the Auto-Publishing feature and will have special behavior in Vasont. The values for this type of attribute are obtained from the Publication Types defined in the system. See [Publish-Type and Saved-Conditions Attributes](#) in this document for more information.
- **SAVED\_CONDITIONS**— Attributes of this type are related to the Auto-Publishing feature and will have special behavior in Vasont. The values for this type of attribute are obtained from the shared Saved Condition Sets

defined in the system. See [Publish-Type and Saved-Conditions Attributes](#) in this document for more information.

It is expected that both of these attribute types would be applied to a single component in the Auto-Publishing configuration, since one defines the information for extracting the content and the other describes the filtering that should take place on the content.

## New Advanced Privileges

Two new privileges have been added to the User Navigator 's Advanced tab.



- **Share Saved Condition Sets**— The user who is assigned this privilege will be able to share saved sets with other users or delete shared saved conditions sets. This privilege affects the Setup Extract Conditions window that is displayed as part of a conditional extract process. Users who do not have the Share Saved Condition Sets privilege will have the following behavior:
  - The Delete Set button will be disabled when a shared Saved Condition is chosen.
  - The radio button for Save for all users will be grayed out and disabled.
- **Complete Task Override**— The user who is assigned this privilege will be able to complete workflow tasks assigned to other users, and have the completion of task recorded as though the task was completed by the assigned user. This is a special privilege to be used for demonstrations and training sessions. It allows a presenter or trainer to walk through a workflow without having to log into multiple sessions of Vasont as various users.

When tasks are completed with the Complete Task Override privilege, a record of the activity will be applied in the Project Management → Details pane → Adjustment information bar.

## Web Query Access Seats

The new Web Query Access Seats provide users access to a special collection in Vasont, for locating published documents that they want to download to their local machines. This offering is ideal for your sales staff, non-technical co-workers, or support technicians.

When logging into the Web Query Access application, you are presented with a dashboard screen. From this screen you can select from your most recent 15 queries or define a brand new query to locate the content for which you are searching.

To define a query, you will browse through a Component Library\* to narrow the scope of the search. When a component is selected in the Component Library\*, attribute options for the selection are presented so that you may further define the search criteria. A text box is also available, so that you may define a text string to be included in your query criteria.

The screenshot shows the Vasont Systems dashboard. At the top, the Vasont Systems logo is on the left, and a user greeting "Welcome burns.bill ! [ Log Out ]" is on the right. Below the logo is a red navigation bar with "Dashboard" on the left and "FIND CONTENT" on the right. A "Download" button is located to the right of the "FIND CONTENT" header. The main content area has a "Query" tab selected over a "Results" tab. Below the tabs is a "Component Library" section with a dropdown menu set to "Component Library (Taxonomy) Publications". A tree view shows a hierarchy: ProductLine: Circulatory > Product: all\_med > Locale: en-en > Region: North America > Keyword: blood pressure. The "Keyword: blood pressure" item is highlighted with a red box and labeled "Documents: (2)". Below the tree is a search input field with the placeholder text "Enter optional search text...". Underneath is an "Optional Attribute Filters" section. It contains a filter for "base" with a dropdown menu, followed by an "Equals" operator and a text input field containing "auto-cuff". There are "Clear" and "Add" buttons at the bottom of the filter section. A red "Find" button is located at the bottom right of the main content area.

When the query is executed, you will be directed to the Results page. All components found that meet the search criteria will be listed on this page, ten results at a time. The list contains information that will help you determine the appropriate component for your needs (description, owner, creation date). Page navigation options are listed in the lower left corner (i.e., specific page numbers, first page, last page, or next page).

From the Results page, you will select a desired entry and click a download button to extract the component from Vasont and place on your local machine.

The screenshot shows the Vasont Systems web interface. At the top, there is a logo and the text "Vasont Systems". To the right, it says "Welcome burns.bill ! [ Log Out ]". Below this is a red navigation bar with "Dashboard" on the left and "FIND CONTENT" on the right. A red "Download" button is also visible. The main content area has a search bar with "Query" and "Results" tabs. Below the search bar is a table with the following data:

Name ▲	Description	Collection	Date Created	Owner
v891934	Life-Support® Manual Blood Pressure Monitor User Guide.pdf	Publications	3/8/2013	MASTER.VEZINA
v891935	All-Med® Manual Blood Pressure Monitor User Guide.pdf	Publications	3/8/2013	MASTER.VEZINA

At the bottom of the table, there is a pagination control showing "1 - 2 of 2 items".

To access this capability your user account (in the Vasont Administrator) must be defined with a Web Query Access seat or Vasont seat. Your Vasont configuration must contain a Component Library\* collection and a collection that stores your published documents. The application is accessed through the latest versions of Internet Explorer, Firefox, Chrome, Safari, and Opera.

The [Auto-Publishing](#) feature can be utilized to populate the collection that contain the documents that you would be searching for with Web Query Access Seats. This feature will automatically produce the publishable outputs, load the published document to Vasont and apply the appropriate metadata to the new component. Once the published document is stored and the metadata is available, the component will be automatically indexed by the Component Library. At this point, Web Query Access Seat users are able to run a query to locate and download the new published document.

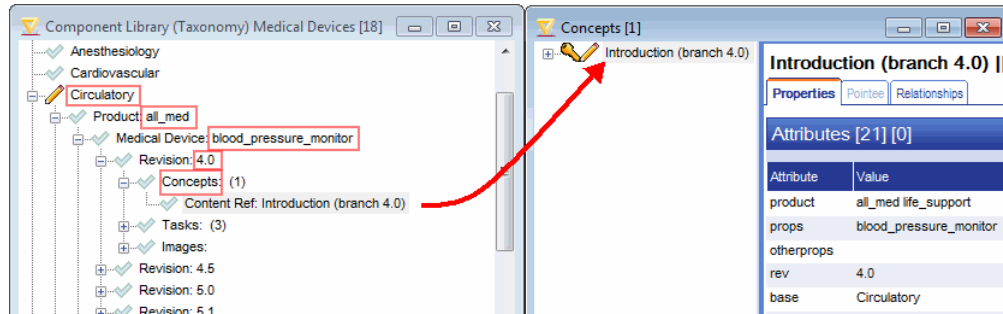
If you are interested in this offering, contact your sales representative or Vasont support leader for more information.

\* **Component Library** collections are special collections that organize references to your content based on metadata values. In other words, the attribute values found on your Maps and Topics are used to dynamically create an index so that you can more easily locate the content you need. The structure of a component library is similar to a file folder structure on a network, where you select a folder that identifies the high level of organization, and then work your way into subfolders to find the files you need.

Component Libraries are configurable for your needs; you choose the attributes and structure for the libraries in your system. One component library may be sufficient to organize your content, but you can configure more libraries if you have a need to organize content in multiple configurations.

In this example: If you are looking for content about Circulatory products, you would start at the Circulatory node (or primary component). Next, you know that the content is written for the "All-Med" brand, so you would select

that node. Now you can select the types of devices that apply to that brand, in this case, blood pressure monitors. Now that you have gotten this far, you can find version 4.0 concepts.



# Vasont Universal Integrator

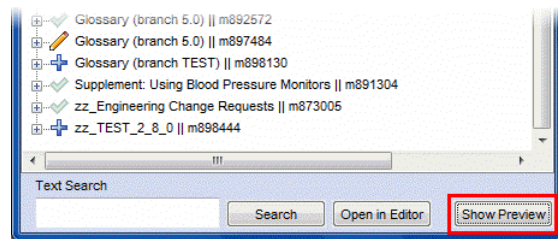
The items in this section outline the enhancements and new features in the Vasont Universal Integrator (VUI) for Vasont ST 2.8.

The VUI has several enhancements to allow you to locate the content that you are looking for more accurately and much quicker. The following sections describe each of these new features.

## Navigator Preview

The Navigator now has the ability to display the Vasont Preview for a selected component. The Preview may be displayed or hidden by selecting the **Show Preview / Hide Preview** button in the lower right corner of the Navigator.

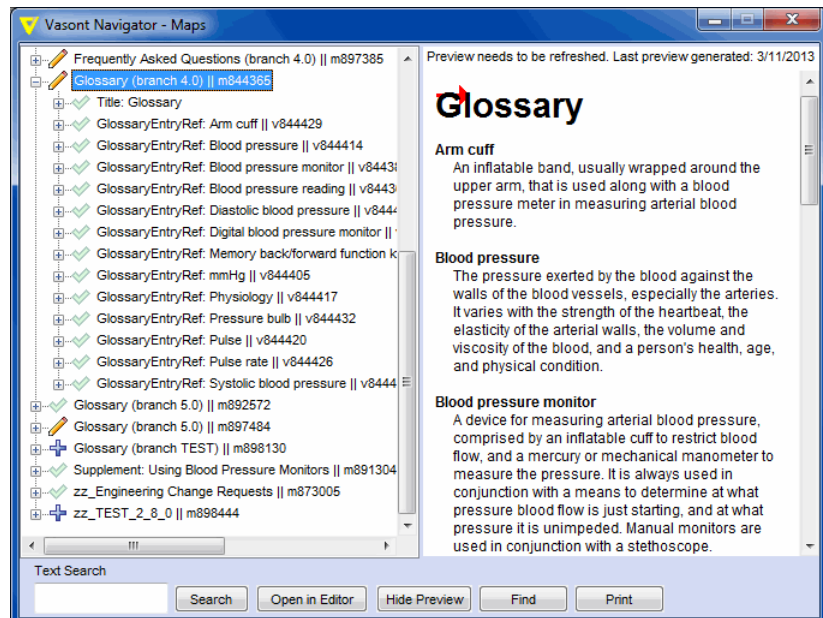
This feature relies on a Preview being configured for the open collection and current preview files existing in Vasont for the selected component.



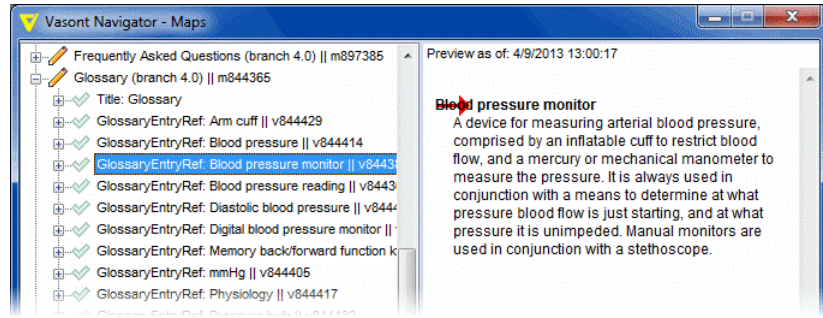
When the Preview pane is open it consumes 50% of the width of the navigator. Making the navigator larger will allow you to increase the width of the Preview pane.

The Preview must be created in the Vasont application. Therefore, if a Preview has not been generated for the selected component, a message will display in the Preview pane stating that no preview is available.

At this time, Previews cannot be generated or refreshed from the VUI navigator. You will need to go to Vasont and perform these functions. In order to keep Previews up-to-date for viewing in the VUI navigator, consider utilizing the Preview daemons to automatically generate Vasont Previews on a regular scheduled basis.



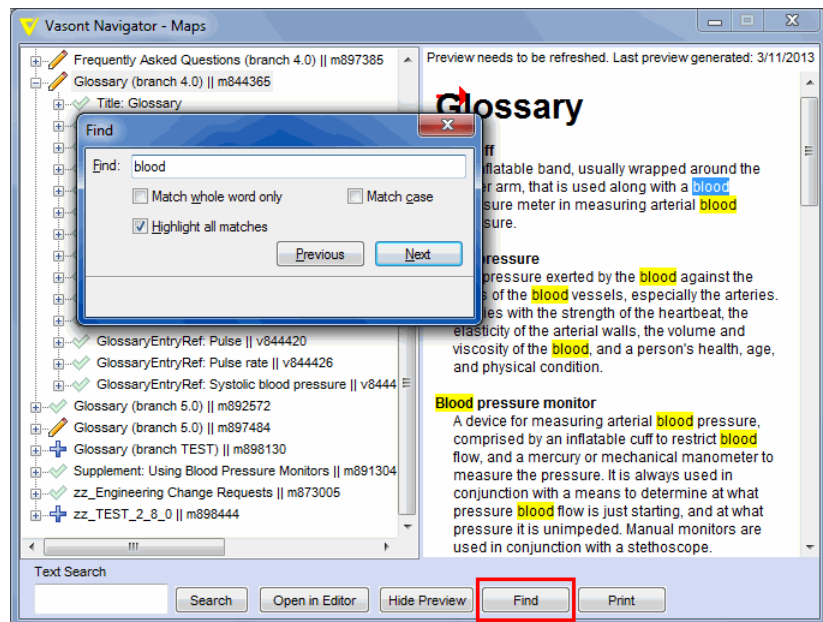
The Preview display behavior in the VUI navigator is slightly different than in the Vasont application. When the component selected is the primary component or a component that resides in the same collection, then the full Preview of the content will display. When the selected component is a pointer to modular content, then the preview will be reduced to display the pointee content (i.e., referenced topic).



The VUI Navigator Preview also features the same Search functionality as the Vasont application Preview.

Click the **Find** button at the bottom of the Navigator to open the Find feature. Enter the text string to be searched for and select any of the properties that you would like to enforce (i.e., whole words, case, highlight).

Clicking **Previous** or **Next** will move you through the found matches in the Preview pane.



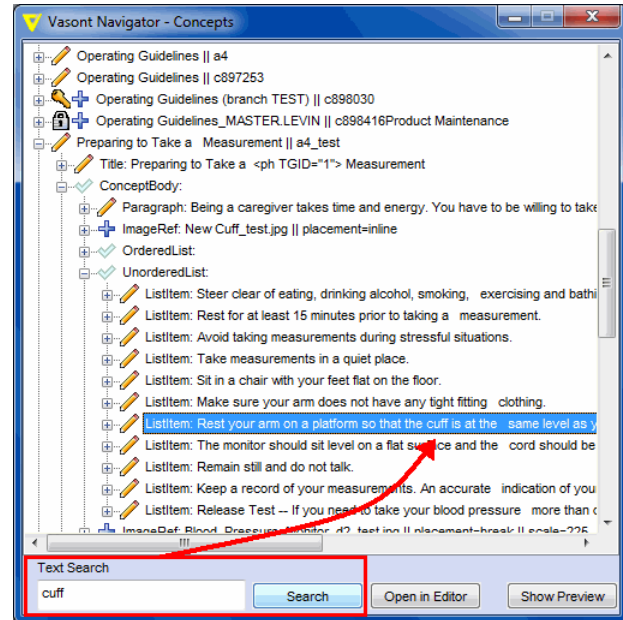


## Navigator Text Search

A **Text Search** option has been added to the Navigator. The Text Search box and Search button work together to locate matches within the selected component and its descendants. The search is case insensitive.

When no more matches can be located within the selected component and its descendants, a message will display stating this. At this point, you may select another component to be searched or change the search string to begin searching for other text.

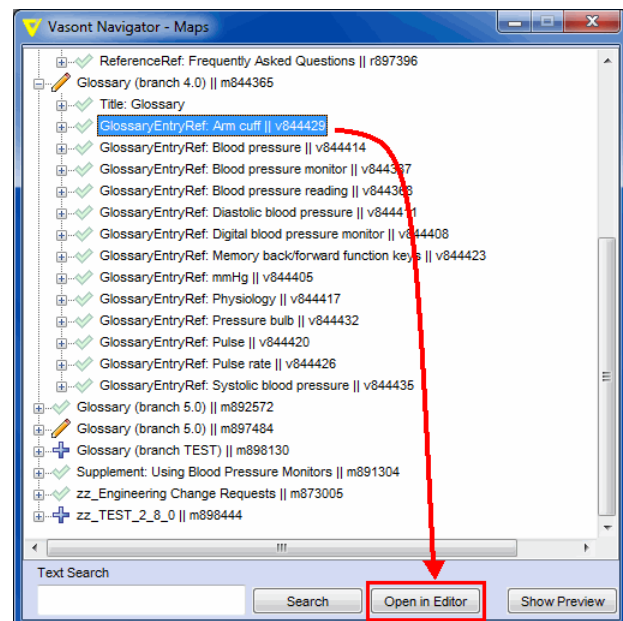
One of the nicest features of this search option is that it will not only search the component and its descendants, it will also search referenced modular content. This is a great benefit and time saver when searching through a Map to locate content that may exist in a referenced topic.



## Open in Editor Option

The **Open in Editor** button will extract the selected component from Vasont and display it in the XML editor specified through Windows, typically the application from which you are running the VUI. This is the same functionality as that of the “Extract” option on the Navigator right-click menu.

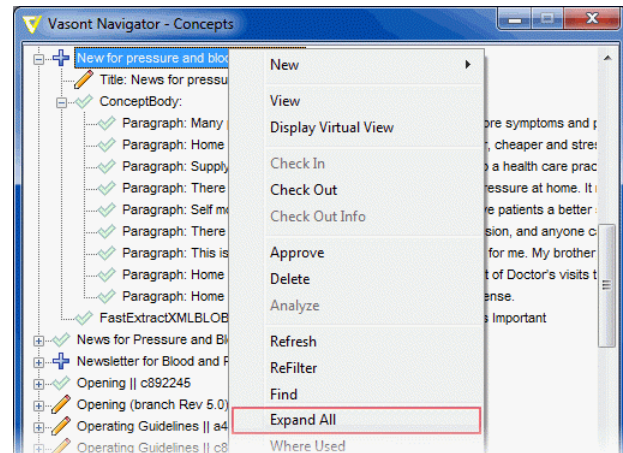
If the selected component is a pointer to modular content (i.e., TopicRef, SectionRef), then the pointee and its descendants are extracted, rather than the pointer component.





## Navigator Expand All

An **Expand All** item has been added to the Navigator right-click menu. This item will completely expanded and reveal the descendant components of the select component.

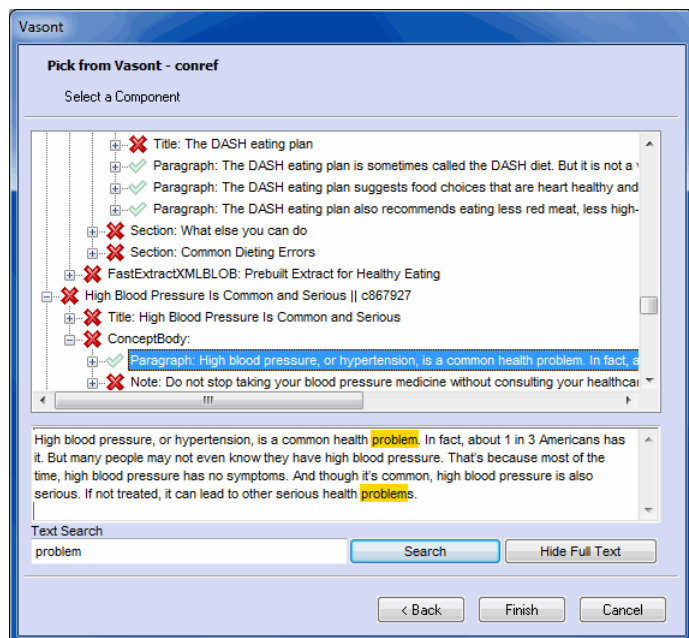


## Create Conref Links Enhancement

The **Pick from Vasont - conref** window displays a tree view of primary components in the selected collection. Since a limited amount of text can be displayed in the tree view, a separate full text viewer has been added below the tree view. The full text viewer can be hidden or displayed using the Show/Hide button.

To quickly find components that contain a specific text string, enter the search text into the Text Search box at the bottom left of the screen. Click the Search button to begin locating matches. The searching begins with the currently highlighted component. When a match is found, the component will be selected in the tree view. The full text viewer will show the text with search matches highlighted in yellow. Repeatedly clicking the Search button will continue to move through the tree view highlighting matches. When the end of the tree display is reached, the search will stop. This search feature is case-insensitive and will match on full words, as well as portions of words and phrases.

This enhancement makes it easier to locate the exact component for your conref source.



## Show File Explorer Option

The **Show File Explorer** button has been removed from the VUI Navigator.

## Processing Options

The following processing options are new or altered for Vasont ST 2.8.

### New Processing Options

clone_primary_to_component	set_descendant_attribute
referenced_by_count	task_date_backward
set_conref_extract_view	task_date_forward

### Processing Options With Additional Arguments

modular_attribute_update	<b>workgroup:</b> Determines whether a user is allowed to perform this action via the right-click menu option. If specified, then the user must be a member of one of the workgroups in order to have this menu option available. This argument is not applicable when this option is applied to a workflow task.
modular_ownership_update	<b>workgroup:</b> [optional, repeatable] Determines whether a user is allowed to perform this action via the right-click menu option. If specified, then the user must be a member of one of the workgroups in order to have this menu option available. This argument is not applicable when applied to a workflow task.

## API

The following APIs have been added for Vasont ST 2.8.

- f\_exists\_preview\_setup
- f\_extract\_file\_with\_saved\_condition
- f\_get\_entity\_preview
- f\_get\_preview\_ancestor

## Software Fixes

The following issues have been fixed for Vasont ST 2.8.

### Vasont

- **Quick Search Issue When Using Enter Key**

The situation has been fixed where a Quick Search that is initiated by using the Enter key (rather than the up or down arrow buttons), required the user to click OK on the “Quick Search did not find a match” message window. Now, the user may click Enter or use the OK button to successfully dismiss the message window.

- **Translation Preview Display of Inline Components**

The issue where the Translation Preview did not accurately display the text of translated inline components has been fixed. This functionality is achieved with the `substitute_raw_translation` processing option.

- **Conditionally Extracting Multiple Files Through Primary Extract Utility**

The issue has been fixed where conditional extract logic did not apply to all primaries chosen when performing a batch extract from the Tools → Primary Extract menu option. The user was able to select multiple primaries for extract, but the conditional extract processing option applied to the chosen extract view, presented the Conditional Extract Setup window once. The conditions were only applied to the first selected primary and not to any of the subsequent primaries.

- **Primary Component Check Outs Not Applied on Extract**

The issue where referenced modular content was not checked out during an extract process if the primary was in an approved status has been fixed. This situation occurred when `extract_xml_blob_approved` or `fast_extract_xml_blob` processing options were applied to modular primary components along with the `check_out` processing option.

- **Translation Clone conref Fix**

The situation has been fixed where the translation clone process may have invalidated DITA conref components in the translation collections. The conref attribute and its target component were still valid after this problem occurred, but Vasont did not correctly resolve the conref to the target under some conditions. The fix will resolve conref links as part of the translation clone process.

- **Failures Initiating Workflow and/or Completing, Starting, Reassigning or Rescheduling Tasks**

The situation where workflow tasks could not be completed, reassigned, or rescheduled because a user subscribed to email notifications (Views → Manage Notifications → Receive Notifications by email) for a particular task or project event have been fixed. The software correction will ensure that all task and project activities are honored and completed, even if the notification email engine fails. Also, any notification email engine failures will pass information regarding the failure to the My Notifications panel on the Home page for the individual that subscribed to email notifications but failed to receive an email. This will ensure that the underlying email failure is visible and can be reported to the Vasont system administrators.



# Release ST 2.8.1

## Vasont Editorial Environment

This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.8.1.

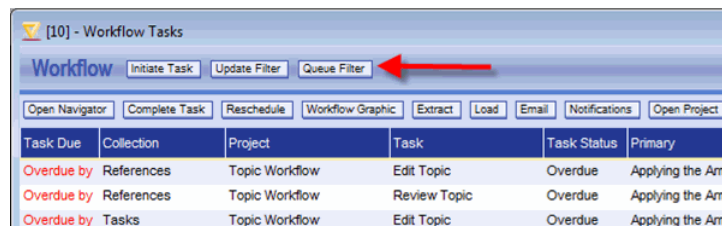
### Performance Improvements

Modifications have been made to improve the methods that Vasont uses to access and store the Vasont Administrator setup information. These changes may improve performance in your system for the routine processes that you perform on a daily basis. The amount of performance improvement that is experienced will vary for each configuration and environment.

### Workflow Queue Enhancement

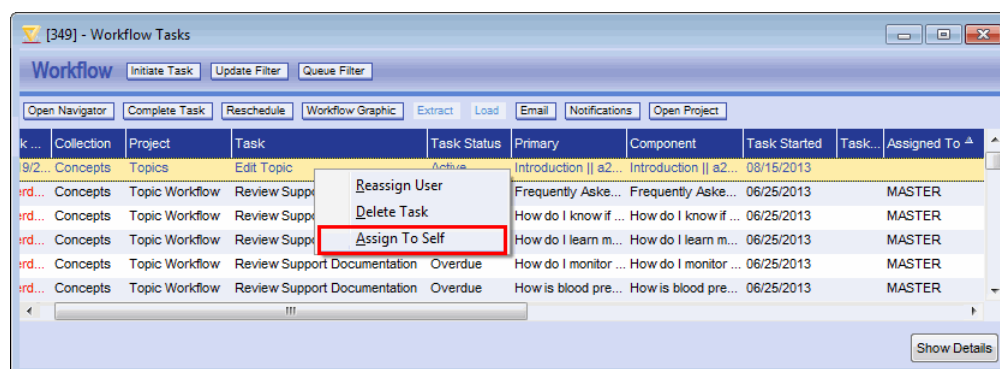
Workflow Tasks have the ability to be placed into a queue. The queue concept allows a user who is ready for a new assignment to go to the queue to pick up a task. Using the workflow queue allows workflow assignments to be spread out and eliminates the possibility of overloading a single user with many assignments.

To improve the monitoring of the queue tasks, a **Queue Filter** button has been added to the Workflow window, to allow users to see if there are any tasks assigned to a queue to which they belong. The list of entries in the Workflow window will be refreshed to show the tasks that are currently in the queue (as well as tasks that are currently assigned to them).



Entries that do not show a value in the **Assigned To** column, are tasks in a queue that are waiting to be assigned.

When a user is ready for a new assignment, they will right-clicking on the entry and choose **Assign To Self**.



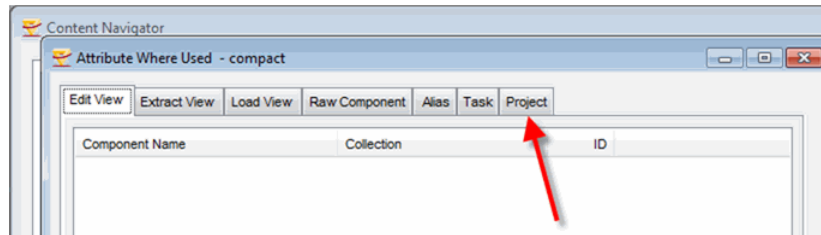
## Vasont Administrator

This section outlines the enhancements and new features in the Vasont Administrator for Vasont ST 2.8.1.

### ***Project Attributes Added to Where Used Window***

Workflow Projects may be configured to have attributes applied to them so that the attribute and its values will display in the Project Management window.

The Attributes Where Used window now has a tab to display the attributes that may be applied to the Workflow Project. The entries in this tab contain the same options available in the other Where Used tabs, (i.e., Open Navigator, Batch Update, or Delete Attribute).



## Processing Options

The following processing options are new or altered for Vasont ST 2.8.1.

- restrict\_attribute\_values

# Release ST 2.9

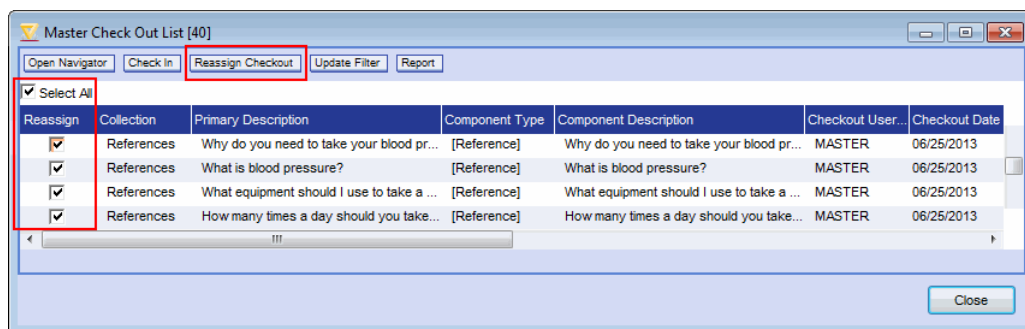
## Vasont Editorial Environment

This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.9.

### Reassigning Check Outs to Another User

The Master Check Out List has been enhanced to provide the ability to change the component check out assignment to another user. When a user is temporarily unavailable or leaves the department, this feature makes it easier to locate components that were checked out to the user and reassign them to another user with fewer steps.

The window now contains a **Reassign** column and a **Reassign Checkout** button. The button is only enabled for users who have the advanced permission of **Check in override**, and will be disabled for all other users.



To use this feature, go to the Master Check Out List on the Tools menu. Select the user you wish to process from the filter window. When the Master Check Out List displays, place a checkmark on the entries that need to have the check out reassigned to another user. Click the Reassign Checkout button and a list of users will be presented. Choose the user for the checkout assignment and click OK to proceed with the action.

A message will display at the end of the process that reports the successful reassignments and the components where the check out could not be reassigned.

If any of the following situations is encountered, a message will display that indicates the number of occurrences for each exception.

- If the component resides in a collection where the selected user does not have check out permissions. The *Explicit Checkout* or *Update (full rights)* privilege must be granted to the user in order for the check out reassignment to be successful.
- If a component is already checked out to the selected user.
- If the component has Content Ownership applied and the selected user is not a member of the ownership group.
- If a Collaborative Review is currently active for the component.

Following the reassignment of check outs, the Master Check Out List will be refreshed based on the active filter criteria.

## Comparing XML for Version Records

An XML comparison feature has been added to the Version History window. This feature will allow you to select two version records, click the **XML Difference** button on the Compare tab, and view the differences between the two XML files in an XML editor.

The feature requires the DeltaXML plugin and valid license for the XML editor of your choice. Contact your sales representative or support leader for more information on the purchase of DeltaXML.

The VasontApps.INI file will require entries that identify the location of DeltaXML tools. For more information, see the [INI File Setting for XML Compare](#) in this document.

## INI File Setting for XML Compare

The VasontApps.INI file allows for a new entry to process the XML Differences feature in the Vasont Version History window. This is an optional feature that requires configuration and external tools. More details will be provided in the Vasont Administrator Guide.

```
[Compare Config]
JarPath=C:\deltaxml\command.jar
PipeLine=oxy
EditorPath=C:\Program Files (x86)\Oxygen XML Author 15\oxygenAuthor15.0.exe
```

## Branching Pointees Based on Collection Permissions

In previous versions of Vasont, branching of referenced modular content could be performed regardless of the users permissions for the modular collections. In this release, branching referenced modules will now adhere to collection permissions for the user. If the user selects modular content for branching that resides in a collection where they do not have “add” permissions, then a message will display informing them of the restriction. Clicking OK on the message will display a window with the number of successful branches and the number of failed branches. The modular content that could not be branched will have pointer components cloned, but will remain linked to the original modular content.

## Sorting Component Library Collections

Until now, it was not possible to sort pointer sub-components with existing processing options because pointer components normally do not contain any text of their own (they display the text of the referenced component in the navigator). In this release, two new processing options are available that will alphabetically sort pointer sub-components. One example of use is in Component Library collections (special collections that organize pointers to content, based on metadata values, for easy browsing).

**sort\_siblings:** This processing option sorts sibling sub-components alphabetically based on the content of each component. The content is dependent on the type of component (i.e., text, pointer, multimedia). For text components, the sorting is based on the text of the component. For multimedia components, the text in the description field is used for sorting. For pointer components, the content in the referenced component is used for sorting. *Note:* This processing option is only supported at the sub-component level and cannot be applied to inline pointer components.

**sort\_siblings\_from\_pointee:** This processing option works in conjunction with sort\_siblings processing option when it is applied to a pointer component. This processing option is applied to the pointee components, and triggers updates to the pointer sorting when the pointee's text is altered.



## Advanced Query Page Enhancement

The Advanced Query Page has been enhanced to automatically display the window with increased depth. This change will provide more viewing space for the Saved Query and Query criteria areas of the window without any adjustment needed by the user. As a result of this change, users who have many Saved Queries will see a reduction in the amount of scrolling required to locate a specific query.

When users are presented with the Query Page, it will initially open in normal mode and display at a smaller depth (as it has in past versions). Clicking the **Show Advanced** button will switch to the Query builder view and automatically resize the window to the full depth of the application work area.

If necessary, the window size may be further adjusted by dragging the window borders to increase or decrease the width and depth.

## Translation Clone Enhancements

Some enhancements are available for configurations that use Vasont's older translation clone process (i.e., `translate_modules`). The enhancements are similar to some of the processing that is found in the newer `translation_clone` processing option. The enhancements have been added to improve clone processing time and avoid database deadlock situations.



These changes typically relate to translation configurations that were set up prior to ST 2.2. Contact your support leader to determine if these changes affect your translation process.

## Translation Clone Logic

The `translate_modules` processing option has been enhanced in the following ways:

1. A new mechanism has been introduced to coordinate multiple sessions and control access to specific components. This mechanism can be thought of as a “traffic cop” to prevent collisions. For example, assume two sessions are running translation clones (using `translate_modules` processing option), and each session contains a common topic component. If both sessions happen to get to the topic at the same time, the new controlling mechanism will ensure that both sessions do not process the same source topic/target language. One session will process the source topic for the target language, and the other will move on to the next source component and target language.

This change will reduce the risk of deadlocks occurring when multiple translation clones are running and there is a lot of shared topics between the content.

2. A new **clone\_overwrite** argument has been added to the `translate_modules` processing option. Its purposes is to turn off the clone overwrite behavior when the following conditions apply:
  - The target translation primary exists
  - The target translation primary component has the *translation* attribute set to “required”.
  - The corresponding English primary has not been modified since the last clone from English to Translation Language component.

This change will eliminate the situation where translation clones that occurred in a very close timeframe could cause recloning of shared primary components because the first translation project had not been extracted and the translation attribute reset to “pending” before another translation clone began.

3. Changes will be committed to the database more frequently during the relinking of pointers following the translation clone process.

This change minimizes the possibility of two separate clone processes becoming deadlocked because they both access the same information across two different sessions.

## Translation Clone Progress Indicator

The micro help located at the bottom left corner of the application window will display a clone progress status. At the beginning of the clone process, a count of all primary components that exist in the content will be calculated. As the translation clone process progresses, the micro help will display the current count.

For example, when the `translate_modules` process is initiated from a DITA Map, and the map references 61 topics and images, and is being cloned for a single language, then the micro help will display *Processing 1 of 62* at the start of the process. When the process moves on to the next referenced primary component, the count will be increased to *Processing 2 of 62*.

This feature will assure users that the process is running and indicates the amount of content that has been processed and how much more is left to be evaluated.

## Improved Clone Performance

The `streamlined_exact_clone` processing option has been enhanced to work with the `translate_modules` processing option in order to achieve improved speed during the translation clone operation.

In a typical DITA setup, this could be configured for the topic collections since cloning of the topics to translation collections is what takes the most time in the translation clone operation. Using `streamlined_exact_clone` for topic collections has made the translation process run more than twice as fast as the normal configuration in our testing.

The `streamlined_exact_clone` relies on source and target collections having the same edit view setup. In most configurations, this is normally the case with base topic collections and their corresponding translation topic collections.

Note: The `streamlined_exact_clone` does not handle `post_add` processing options on the target collection for sub-components, although it does handle `post_add` processing options for the primary components. Since the client keys are not adjusted in translation collections the absence of `post_add` processing options should not be an issue in a normal configuration. If there are other critical `post_add` processing options for sub-components in translation collections, then this configuration should not be used.

## Vasont Administrator

This section outlines the enhancements and new features in the Vasont Administrator for Vasont ST 2.9.

### *Reusing Load Views*

A processing option, called **load\_other\_view**, is now available to allow you to reuse the component structure of your load views. The functionality is similar to **extract\_other\_view**. The processing option provides the ability to reduce the number of component structures between similar collections and load views, and therefore, reduces the number of maintenance points when adding, deleting, or updating components in your configuration.

In order to take advantage of this processing option, you must thoroughly understand the properties on the components in the load view. For example, if you have an editorial load view and legacy load view that are identical in components, wrappers, attributes, and processing options, but the only difference is the settings on the load view header, then you can take advantage of this processing option. But if processing options and their arguments vary between the two load views, then this processing option may not be utilized.

Here are some examples of how you might use this processing option:

- In a DITA configuration, a Concept may be extracted from the Concepts collection for editorial updates. It may also be extracted as part of a DITA Map. Two load views are needed, one for each of these situations. When the Concept is loaded along with a DITA Map, the load view may contain the `prevent_load_overwrite` processing option so the user loading the Map can only add new Concepts and not overwrite existing Concepts. When loading a Concept from an editorial activity, the Concept should be overwritten, and therefore does not contain the `prevent_load_overwrite` processing option. Applying the `load_other_view` processing option to the load view header allows you to reuse the component structure between the two load views. The components in each situation are handled identically (i.e., processing options, component settings, attributes, etc.). The only difference between the two load views are the properties on the load view headers.
- The Concepts and Concept Templates collection contain the same component structure. The Concepts collection load view defines the component structure and the Concept Templates collection contains a load view with no component structure. The Concepts Templates load view has the `load_other_view` processing option applied and references the component structure found in the Concepts collection load view.

### *Automated Task Completion in Workflow Projects*

A processing option, called **auto\_complete\_upon\_initiate**, is now available that allows you to define a workflow task that will be automatically completed after it has been initiated.

This processing option, in some cases, will allow you to create workflow projects with a few less clicks. Here are two examples where it can be helpful:

- Many times a workflow project is automatically initiated when a component is added to a collection. If the user who is adding the component is a member of the workgroup that may perform the task, then the current user is automatically assigned to the task. In this situation, the user has to complete the task and initiate the next task and assign it to the desired user, or they have to reassign the task to another user (provided they have system permissions to do so). The `auto_complete_upon_initiate` processing option will eliminate the need for the current user to complete the task and will be automatically prompted with the list of users who can perform the next task.
- In some situations you need to notify a project manager or other staff member that a portion of the workflow has been completed. The `auto_complete_upon_initiate` processing option can be applied to a task to alert a project manager of a project's progress. The task can be configured with the `auto_complete_upon_initiate` processing option and the `email_task` processing option. When the task is initiated, an email will be automatically sent to the

project manager, then the task will be automatically completed. The project manager has no need for opening workflow and completing a task.

The order of processing with this new processing option are:

1. The task is initiated.
2. Processing options with the event of task\_start will be performed.
3. The task will be automatically completed (by the auto\_complete\_upon\_initiate processing option).
4. Processing options with events that relate to task completion will be performed (i.e., task\_complete, task\_post\_complete, task\_pre\_complete)
5. Options for the next task will be displayed for the user to make selections (task name and/or user). If the next task is mandatory, then it will be automatically initiated, otherwise the user is prompted to make a selection. If the next task is configured to be performed by a specific user, then the user will be automatically assigned, otherwise the current user will be prompted to select a user for the assignment.

## Vasont Universal Integrator

The items in this section outline the enhancements and new features in the Vasont Universal Integrator (VUI) for Vasont ST 2.9.

### *VUI Navigator Text Search Enhancement*

The VUI Navigator Text Search option previously conducted a search within a selected primary component. When there were no more matches in the primary component, the user was presented with a message and had to select another primary component to continue searching.

This enhancement improves the process by automatically continuing the search to the next primary in the navigator. The process continues until the next match is found or until the remaining primaries are searched and no matches are found. A message is presented to the user stating that no more matches can be found.

## Processing Options

The following processing options are new or altered for Vasont ST 2.9.

### New Processing Options

auto_complete_upon_initiate	pointee_child_attribute_exclude
component_translation_extract_adds	set_pointee_child_attribute
extract_conditional_descendant	sort_siblings
extract_primary_child	sort_siblings_from_pointee
load_other_view	store_in_ancestor_attribute
modular_content_ownership_from_attr	translation_modular_extract
modular_update_attr_from_attr	

### Processing Options With Additional Arguments

email_task	<b>text_override:</b> (optional) Replaces the text at the beginning of the e-mail body. The default text is “This message has been sent to inform you that you were assigned the following Vasont workflow task:”. If this argument is specified, then the default text will be replaced by the text entered here.
client_key_from_parent	<b>suffix:</b> (optional) Defines the value to be appended to the parent client key. This will only occur if the parent client key exists.
translate_modules	<b>clone_overwrite:</b> (optional) Determines if an existing translation primary should be overwritten when it has a translation attribute set to “required” (specified in the <i>value</i> argument). If the translation attribute does not exist or is set to another value, then the overwrite action will occur regardless of how this argument is set. If the source English content has been modified since the last clone occurred, then the overwrite action will occur regardless of how this argument is set. The default is “yes”.

The **update\_attribute\_referenced\_by** processing option is now a repeatable.

## Software Fixes

The following issues have been fixed for Vasont ST 2.9.

### Vasont

- **Fast Extract Description**

Fixed the issue where the multimedia description field of a Fast Extract BLOB component does not update when the text of the corresponding primary component changes.

For example, a DITA topic's primary text is used to build the multimedia description field of the Fast Extract BLOB component. When the component's text is edited, subsequent builds of the Fast Extract BLOB component do not update the multimedia description field to match the primary's new text. This situation has potential to cause confusion.

**Note:** This software issue did not cause any problems with the execution of the Fast Extract process. The description field of the BLOBs is not used as part of the process. The purpose of the fix is to clear up confusion that may be caused when the Fast Extract BLOB description is not in sync with the component's text.

- **Keyref Drag and Drop**

Fixed the situation where DITA configurations that are set up for Xref pointer components that are defined with keyref attributes could display Copy Keyref and Overwrite Keyref options in the Drag and Drop Wizard instead of the standard Move option. This issue appears within a Map or BookMap when dragging topic reference components (i.e., ConceptRef, ReferenceRef, TaskRef, or TopicRef) onto a topic reference of a different type (i.e., ConceptRef to a TaskRef).

- **Loading Topicref Keys Attributes**

Fixed the issue where a DITA keys attribute exists on a topicref in the XML of the map being loaded, but does not get stored into Vasont. The issue relates to having the attribute\_from\_pointee processing option applied to the topic reference component. If the topic reference does not point to a topic in the system after the load process, then the keys attribute on the topic reference is removed.

The fix has been made to the attribute\_from\_pointee processing option. If the pointee topic is not found, then the processing option will not clear out the existing keys attribute value on the topic reference component.

- **Version Extract of Attribute Changes**

Fixed the problem where version extracts were not accurately extracting attribute changes. The problem was that version records that consisted solely of attribute changes were being deleted. For example, in situations where an attribute is removed from a component and then a Version on Demand process is run to create a version history record. In the Version History window an extract of that version will produce XML that contains the deleted attribute.

Fixed another issue related to this one, where loaded sub-components do not have user names and edit dates updated and a Version History record is not created. This situation occurs when loading a sub-component that has an attribute change (i.e. deleted, added, modified), and the sub-component does not get approved, and no other changes are made to the component.

- **Collaborative Review Email Correction**

Fixed the problem where emails were not properly sent when a Review Coordinator changes participants of an active review. This alteration fixes the following:

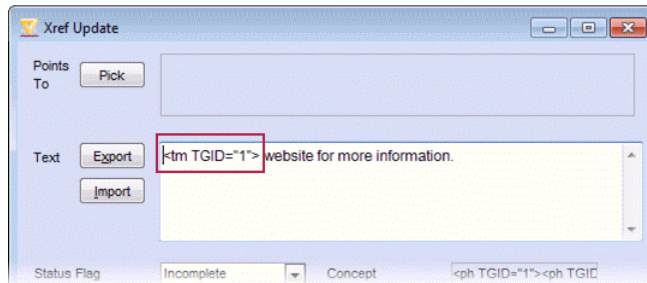
- Reviewers who are removed from a review were not notified.
- The editor is incorrectly notified that they are no longer a reviewer when another reviewer is removed from the review.
- When an editor is removed and replaced with a new editor, the new editor receives an email stating that they were no longer the editor.

- When an editor is removed from a review, they did not receive an email stating that they are no longer assigned to the review.

In addition, we fixed the problem where the Review Coordinator chooses the Manage Review button (after changing editors and before closing the Review window) and the original editor still displays as the active editor. This fix will cause the editor value to refresh.

- **Cloning Pointers with Text and Inlines**

Fixed the issue where pointer components that contained text with inline components were not clone properly. For example, in situations where cloning a DITA Xref pointer component that contains text that includes an inline Trademark component. The cloned target does not treat the inline Trademark placeholder tag correctly and caused invalid content when extracting content.



- **Embedded Nested Pointers Clone Problem**

Fixed the embed\_nested\_pointers processing option that converts nested content into nested pointers, so that when the clone source content is already a pointer, this processing option will not create duplicates. The problem is caused by this processing option in conjunction with the standard clone logic which also clones the nested pointers. The logic has been fixed to prevent the duplicate pointers from being created.

- **Conref Validation Logic Change**

Removed the logic in Vasont to override incomplete components when the component contains a conref or conkeyref attribute value. For example, a Step component requires a child Command component. If the Step contains either a conref or conkeyref attribute value, then the existing logic would NOT flag the component as incomplete.

This logic has been removed so that components will no longer override an incomplete value based on the existence of a conref or conkeyref attribute. This change is required mostly because external tools (e.g., XML Editor, DITA-OT) require a valid structure regardless of whether a conref or conkeyref is applied; therefore, Vasont will conform to the logic of other applications. Users will need to create the required child components within the conref source component in order to remove the incomplete status.

- **Emailing from Annotations Information Bar**

Fixed the problem where clicking the Email button on the Annotations tab of the Version History window caused Vasont to close.

- **Map Asset Report Column Sorting**

Fixed the issue where double-clicking on a column header within a Map Asset Report caused an application error. A single-click will sort the report based on the text entries in the column, and a double-click on a row in the report will open a navigator.

- **Incomplete Inline Components**

Fixed the issue where a newly created component in Vasont was incomplete without any explanation. The problem occurred when the new component was not allowed to contain text, and it was an inline component to the parent. An example of this in the DITA configuration is a Figure component in a Section. The Figure does not contain text, and it is an inline to Section.

## Vasont Administrator

- **Administrator Where Used Issues**

Fixed various issues with the Where Used window and Batch Update options for some of the tabs on the window that were not functioning properly.

- Can not double click on an entry in the View - High Level tab to open a navigator.
- The Batch Update window initiated from the View - High Level tab is not the appropriate window.
- The Update Alias menu option does not open the selected Alias on the Aliases tab of the Where Used window.
- The Batch Update window initiated from the Tasks tab of the Attribute Where Used window is not the appropriate window.
- The Batch Update option is available on the Projects tab of the Attribute Where Used window, but is not appropriate for Project attributes.



# Release ST 2.10.1

## Vasont Editorial Environment

This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.10.1.

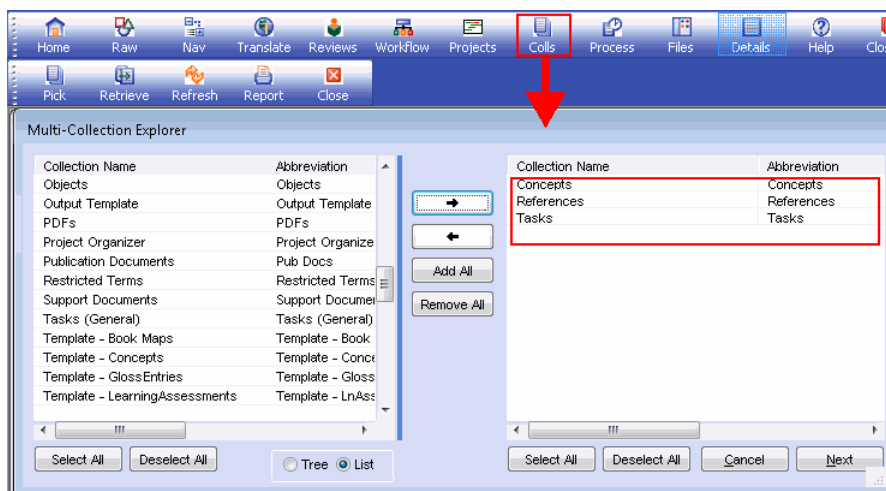
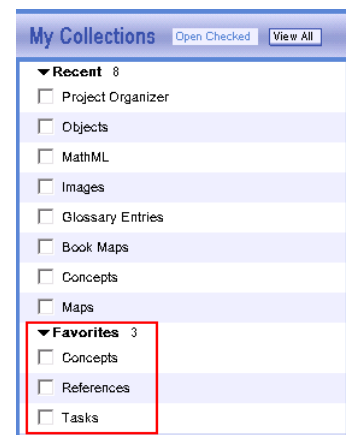
### Cross Collection Search Enhancement

The Cross Collection Search provides a method for locating content when you are unsure of the collection where it may reside. Rather than using a navigator search in a single collection, this tool allows you to search multiple collections in a single pass.

The Cross Collection search requires the user to specify the collections that should be included in the search. This release includes an enhancement to automatically populate collections in the Multi-Collection Explorer with the user's Recent and Favorite collections.

For example, a user who works in a DITA configuration most likely performs most of their searches in the Concepts, References, and Tasks collections. The user can define these collections as "Favorite" collections.

When the Colls button is clicked to perform a Cross Collection Search, the Multi-Collection Explorer will open with the Favorites collections in the right pane of the window. Since these are the collections that are most often searched, this feature saves the user the time it takes to scroll and locate the collections in the left window pane and then move them to the right window pane.



This feature is controlled with a new system profile in the Vasont Administrator. There are options to suppress the behavior (no collections pre-populate), pre-populate with your Recent collections, pre-populate with your Favorite collections, or pre-populate with both the Recent and Favorite collections. See [System Profile for Cross Collection Search Default](#) in the [Vasont Administrator](#) section of this document.

## Comparing XML for Active Content

An XML comparison feature has been added for comparing two branches of content or two sibling components in a collection.

**Branch Compares:** An **XML Compare** button has been added to the Branches information bar on the Details pane. Users will select a branch from the list in the pane. The selected component and the selected branch will be extracted when the XML Compare button is clicked. Each file is assigned a system generated filename and saved to the user's Vasont\temp folder. A comparison file will be automatically created and opened in the specified tool for viewing.

**Sibling Compares:** The Sibling information bar on the Relationships tab of the Details pane now includes an XML Compare option on the Actions list. Users will place a checkmark on two sibling components listed in the pane and pick XML Compare from the actions list. When the Execute button is clicked, the selected components will be extracted. Each file will be assigned a system generated filename and saved to the user's Vasont\temp folder. A comparison file will be automatically created and opened in the specified tool for viewing.

The feature requires the DeltaXML plugin and valid license for the XML editor of your choice. Contact your sales representative or support leader for more information on the purchase of DeltaXML.

The VasontApps.INI file will require entries that identify the location of DeltaXML tools.

## Library Pointer Enhancements

Component Libraries are a special type of collection that organizes pointers to primary components based on meta-data values. The purpose of this collection is to easily locate content and then navigate to it using pointer component features (i.e., Open Pointee, Open Modular Content, Extract Pointee), as well as, Preview and Preview Search.

In this release, new enhancements for Library Pointers have been implemented to differentiate Library Pointers from other modular pointers.

1. **Deleting Referenced Primaries:** A primary component that is being deleted will ignore references from a library and allow the component to be deleted. In addition, the pointers in the library will be removed since the referenced component will no longer exist.
2. **Reference By:** The Referenced By option on the right-click menu and the Referenced By information bar on the Relationships tab of the Details pane, will no longer display entries for library pointers that point to the primary component.
3. **Query Properties for Referenced or Not Referenced Content:** The *Is Referenced* and *Is Not Referenced* properties will ignore library pointers when doing searches or retrieves.
4. **extract\_attrib\_modular\_uses:** This processing option has a new argument that will allow you to define whether or not library pointers should be evaluated when marking extracted components for reuse. This processing option is typically used for creating Previews that show components that are referenced multiple times.

This behavior is executed by identifying the Library collections in the Vasont Administrator. Do this by applying "Component Library." entry on the Type tab of the Library collection.

## DITA conkeyref Pointers

When cross reference pointer components are defined with a link criteria of *DITA href*, Vasont will use special DITA logic to resolve the pointer.

Normally, when a pointer component does not point to another component in the system, it is given an incomplete status. In DITA 1.2, a cross reference pointer component may contain a conkeyref attribute to create a variable reference. Information in the Map determines what the pointer will point to at publication time. Now, when a pointer that is defined with DITA href link criteria and has a populated conkeyref attribute, but does not link to another component in the system, it will not be flagged as incomplete.

## ***Content Exception Report Enhancement***

The Content Exception Report has been enhanced to resolve components with DITA conkeyref attributes on pointer components. The revised logic will first locate the target topic based on the “keys” portion on the conkeyref attribute value. Next, a search for the ID portion of the conkeyref attribute value will be performed. If the component with the conkeyref attribute is a text component, then a client key search will be performed on components of the same type. If the component with the conkeyref attribute is a pointer, then a search for ID attribute values on pointer components of the same type will be performed.

## ***XLINK href Pointer Logic***

Logic for resolving cross references in MIL-STD 2361 document type definition (DTD) has been added to this release. In this DTD, a link pointer component has an xlink:href attribute that contains a value that describes the target with the following syntax: primary component client key, followed by #, followed by the client key of a subcomponent.

The drag and drop functionality has been altered to support the creation of link components. When links are created with this technique, the client key of the link pointer component will be assembled according to the XLINK href syntax.

For more information, see [XLINK Href Link Criteria for Pointer Components](#) in the [Vasont Administrator](#) section of this document.

## ***Translation Clone Enhancements***

Two improvements have been added to the translation clone process. These improvements apply to the current translation configuration, where the translation\_clone processing option is configured.



Contact your support leader to determine if these changes affect your translation process.

## ***Translation Clone Logic***

When multiple users run the translation clone process simultaneously for Maps or Manuals that have a great deal of modular content in common (i.e., topics), it may cause Oracle deadlocks and collisions. An Oracle deadlock is caused when two sessions try to access the same information at the same moment in time and prevent each other from continuing.

Although it is impossible to guarantee that an Oracle deadlock will never occur, a new safeguard has been implemented to reduce the chance of it happening. The new mechanism has been introduced to coordinate multiple sessions and control which session is given access to a particular component. The mechanism can be thought of as a “traffic cop” to prevent collisions. For example, assume two sessions are both running translation clones with a common topic and happen to get to the topic at the same time. The traffic cop will ensure that both sessions do not process the same topic for a language at the same time (i.e., Concept clone for French).

## ***Translation Clone Progress Indicator***

The micro help located at the bottom left corner of the application window has been modified to display the number of the primary component currently being processed, along with the total number of primary components. At the beginning of the clone process, a count of all primary components that exist in the content will be calculated. As the translation clone process continues, the micro help will display the current count. For example, *processing primary # 12 of 30*.

## Vasont Administrator

This section outlines the enhancements and new features in the Vasont Administrator for Vasont ST 2.10.1.

### ***XLINK Href Link Criteria for Pointer Components***

A new link criteria for pointers is available to support MIL-STD 2361 military DTD requirements for xlink:href attributes. The link criteria is called **XLINK href** and will evaluate a pointer's client key by separating it into two parts (which are separated with a # delimiter). In Vasont Administrator, the pointer needs to be configured so that the xlink:href attribute is used as the pointer's client key.

M2345292350401 # M2345292350401-01-01



This portion of the pointer's client key will define the client key of a primary component in the system.



This portion of the pointer's client key will define the client key of a subcomponent within the target primary component.

### ***System Profile for Cross Collection Search Default***

A new system profile has been added that allows a client to control the default collection option for the Cross Collection Search. The **Cross\_Colls\_Search\_Default** has the following values:

- **both:** This value will cause the Cross Collection Search to be automatically populated with the user's Recent and Favorite collections.
- **none:** This value will cause the Cross Collection Search window to open without any pre-population of collections.
- **recent:** This value will cause the Cross Collection Search to be automatically populated with the user's Recent collections.
- **favorites:** This value will cause the Cross Collection Search to be automatically populated with the user's Favorite collections.
- When no value is specified the behavior will function with the default of **both**.

As with all System Profiles, this setting controls the behavior for all users.

For more information, see [Cross Collection Search Enhancement](#) in the [Vasont Editorial Environment](#) section of this document.

## Processing Options

The following processing options have been altered in Vasont ST 2.10.1.

### Processing Options With Additional Arguments

translation_clone	<p><b>prompt_for_language:</b> (optional) When set to “yes”, the user will be prompted to select the languages that should be cloned for translation during the current process. The default is “no”.</p> <p><b>container_component:</b> (optional) Defines whether or not to display languages (from the Metadata Language components) in the pop-up window that have been previously translated.</p>
extract_attrib_modular_uses	<p><b>include_library_pointers:</b> (optional) Defines whether or not the library pointers should be included or excluded when calculating modular reuse. The default is “no.”</p>

The **translation\_extract\_by\_component** and **attribute\_from\_pointee** processing options now have a Repeat Flag of “Yes” so that they may be applied multiple times.

## Software Fixes

The following issues have been fixed for Vasont ST 2.10.1.

### Vasont

- **Resolve Client Key Pointers**  
Fixed the issue where pointer components that are defined with Client Key link criteria and the [ALL] target option would not link up on load processes. This problem occurred when the pointer referenced a component within the same collection as the pointer itself.

### Vasont Administrator

- **Processing Option Arguments Displaying With ID Value**  
Fixed the situation where processing option arguments with component values sometimes displayed with the ID, rather than the component name and ID.

### Processing Options

- **Modified sorting for generate\_history\_topic**  
This processing option was adjusted to organize the “changed” topics according to the order in which they are referenced in the DITA Map.
- **Modified processing for translation\_by\_extract\_component**  
This processing option has been adjusted so that it processes correctly when the first match for a specific pointer component is found and ignores additional matches. The result is an XML file that contains a single occurrence of a component to be translated (without duplicates).
- **Modified ref\_extract\_conkeyref for conditional extracting**  
This processing option was modified to extract targets based on conditional extract criteria.



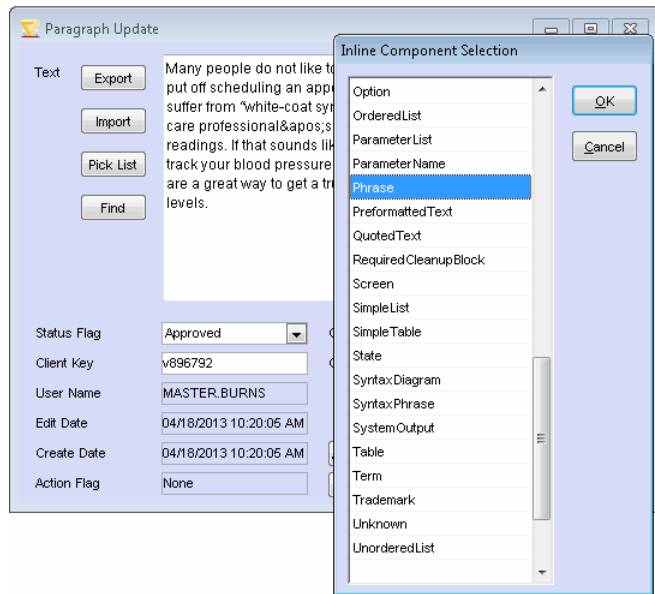
# Release ST 2.10.2

## Vasont Editorial Environment

This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.10.2.

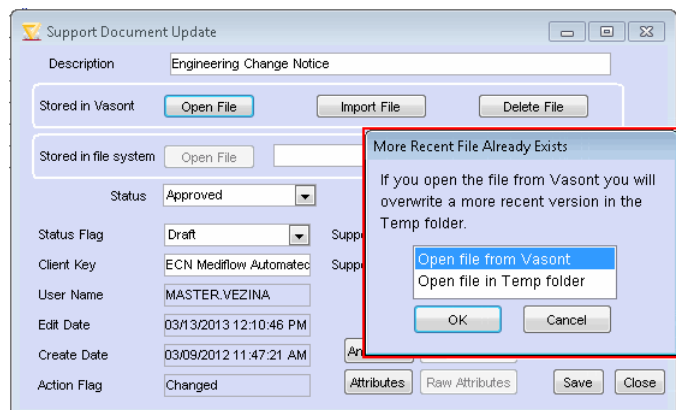
### *Change to Inline Component Menu*

The inline component menu has been reworked to allow for easier viewing and scrolling. In some Citrix environments, users reported that the top and bottom of the previous inline component menu could be hidden from view. This made it difficult for the users to make their selection and could result in errors if the tag name was typed directly into the update window. The new window is not as deep and provides a scroll bar to quickly move through the list of available components.



### *File Overwrite Warning*

A warning message has been added to the multimedia component's Update window. The warning will alert the user when they click the **Open File** button and a file with the same name already exists in the user's vasont/temp folder. If an existing file is found, the message displays and allows the user to specify whether to continue with opening the file from Vasont, or to open the file that already exists in the Temp folder. If a file with the same name does not already exist in the temp folder, then the file opens without any prompts. This feature provides a method to eliminate accidental overwriting of files.



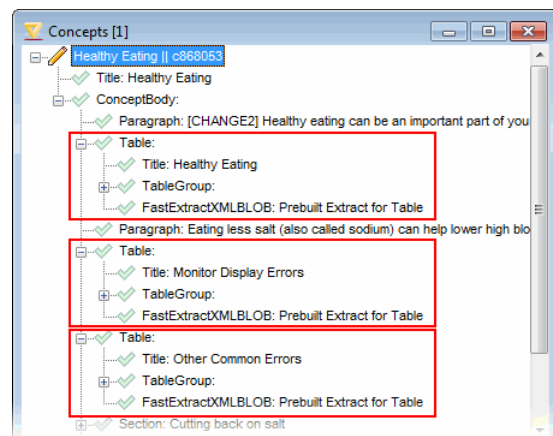
## Fast Extract for Subcomponents

Fast Extract is a configuration option where prebuilt XML BLOBs are stored for the purpose of improving extract speed. Previous versions of Vasont had support for Fast Extract at the primary level. This release introduces the ability to have prebuilt Fast Extract BLOB components at multiples levels within a primary component. For example, if you are using DocBook, you may have many Section components within a single Book (primary component). Prebuilt Fast Extract BLOBs could exist as child components of Section. When the primary is extracted each Section will be interrogated for a prebuilt Fast Extract BLOB. If the Section's Fast Extract BLOB exists and is up-to-date, then the normal extract logic can be bypassed for the Section and the Fast Extract BLOB contents will be used. By using the prebuilt BLOB, the time that it takes to extract the full set of content will be improved. This configuration can be utilized for Sections, Tables or any other large chunk of content in DITA as well.

This example shows a DITA Concept that has Fast Extract BLOBs configured and stored at the Table level. This Concept will extract faster when the Table Fast Extract BLOBs are current because the extract process will grab the prebuilt XML BLOBs rather than doing the normal extract of each component within the Table. If the Fast Extract BLOBs are not up-to-date, then the normal extract will occur for the Table, which means that the extract will take more time.

Fast Extract BLOBs are built using **Tools → Process Collection** or an external program that will automatically create or locate and update the Fast Extract BLOBs.

See the *Processing Option Guide* for more information on the `fast_extract_build` and `fast_extract_xml_blob` processing options.

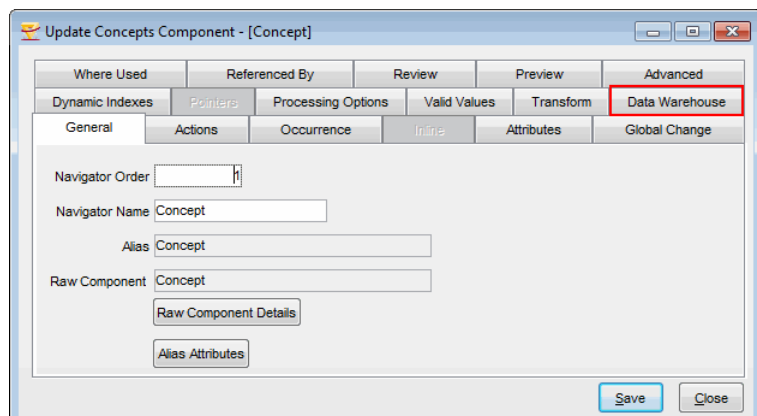


## Vasont Administrator

This section outlines the enhancements and new features in the Vasont Administrator for Vasont ST 2.10.2.

### Data Warehouse Tab Removed

The **Data Warehouse** tab has been removed from the edit view component's update window. The remaining tabs have been resized and arranged to fill in the gap where the Data Warehouse tab previously existed.





## Processing Options

The following processing options have been altered in Vasont ST 2.10.2.

### New Processing Options

- `check_out_modules`
- `check_in_modules`

### Processing Options With Additional Events

- **`fast_extract_xml_blob`** has been added to the **`extract_exclude`** event and can be applied to an extract view component.

## Software Fixes

The following issues have been fixed for Vasont ST 2.10.2.

### Vasont

- **Master Checkout List Report Fix**  
Fixed the problem where the Report button on the Master Checkout List was not displaying the report window.

### Vasont Administrator

- **New User Account from Create Like Fix**  
Fixed the feature where a new user could be created by selecting *Create Like* on a current user and the settings were not copied to the new user. The settings that are copied to the new user are User Category and the Seat selections. The User Name, Login Name, Email Address, and Language are not copied to the new user account.

### Processing Options

- **Modified `modular_content_ownership_from_attr` for `Remove All`**  
This processing option was adjusted to fix the situation where the clearing of content ownership was not cascaded to the modular content. This situation occurred when the *select* argument was set in the configuration and the user chose *Remove All* in the Manage Content Owners window.
- **Modified `text_filename` to Strip Illegal Characters**  
This processing option was modified to strip out characters that are illegal in filenames (e.g., \ / \* : ? " < >).
- **Modified Server Load Processing for `load_other_collection_subcomponent`**  
This processing option was modified to fix the issue where the subcomponent being loaded to another collection had its children loaded in reverse order.
- **Modified `pointee_child_attribute_exclude` to Ignore Incomplete Pointers**  
This processing option has been modified to exclude pointer components and their children during an extract process if the pointer does not point to another component in the system.
- **Modified `carriage_return_replace_in_tags` for Improper Component Loading**  
This processing option has been modified to fix a situation where a tag in the XML that contained a carriage return between the tag name and attribute name caused the tag to load as untracked XML in its parent component.
- **Modified `load_other_file` for Use With `load_other_collection`**  
The `load_other_file` processing option was modified so that it would successfully load referenced modular files when called by `load_other_collection`.



# Release ST 2.11

## Vasont Editorial Environment

This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.11.

### *Inline Tag Validation*

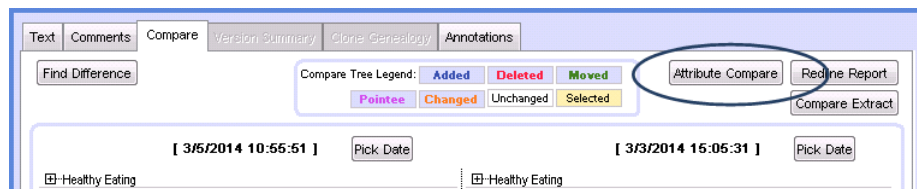
A validation of inline tags has been added to the component Update window. The purpose of this validation is to catch inconsistencies when a user enters an inline tag manually, but does not match the case of all letters of the tag. For example, if an the inline component “FilePath” has a defined tag of “<filepath>”, and the user bypasses the in-line menu to enter the component and instead types in the tag name of “<FilePath>”. When the component is saved a validation of the inline tags will be performed and the user will be prompted that an error has occurred. The message will display the name of the tag along with an instruction to correct the tag and resave the component.

This validation consists of matching inline tags against the list of allowable inline components. If a difference in letter case is found, the user is notified. The validation will not catch misspelled tag names. Since untracked XML tags can exist in a component's Update window, it is not possible for Vasont to know when a tag is misspelled or if it is untracked XML tagging.

Prior to this enhancement, this type of user error could go unnoticed until the content was extracted and opened in an XML editor or during a publishing process. This validation can save time by catching the error at the moment it occurs, instead of during a downstream process.

### *Version Attribute Compare*

An **Attribute Compare** feature has been added to the Version History's Compare tab. This feature allows the user to select two version history records and create a report that shows the attribute values that have changes, as well as attribute values that are new or have been deleted.



The component selected in the Version window tree and all of its descendants will be interrogated. For example, if the primary is chosen, then all attributes on all components in the primary will be compared. If a sub-component (e.g., Section) is chosen then that sub-component and all of its descendants will be compared.

If there is modular content within the selected component, then the user will receive a message box that allows them to choose to include modular content in the comparison report.

The following screenshot shows a portion of the report window. Notice the column that displays the attribute name, followed by columns for the old attribute value and the new attribute value.

Collection	Primary	Component Type	Component	Client Key	Attribute Name	Old Value	New Value
Concepts	Healthy Eating	Section [ConceptBody]	What else you can do	v868080	status		changed
Concepts	Healthy Eating	[Concept]	Healthy Eating (branch 4.5)	c905141	rev		4.5
Concepts	Healthy Eating	Paragraph [ConceptBody]	new para with attributes	v904904	status	new	changed

Count: 3

Buttons: Report, Close

Right-clicking on an item in the report and selecting **Open Navigator** will open a Navigator window and drill down to the selected component in the version history tree. The **Report** button will allow you to send the report to a printer or save as an electronic file.

## Collaborative Review Bypass Load Option

This enhancement allows the client and/or user to control the load process during the editorial phase of the Collaborative Review. New Vasont Administrator settings will allow Collaborative Reviews to be either 1) always loaded, 2) never loaded, or 3) prompt user. If **prompt user** is chosen, then the Review Editor will have a choice at the end of each review to perform the automated load or bypass the load and handle the updates manually.

On the Review tab there is a new field called **Automatic Update**. The following are the allowed values.

Update Topics Component - [Topic]

General | Actions | Occurrence | Inline | Attributes | Global Change | Dynamic Indexes | Pointers

Processing Options | Valid Values | Transform | Where Used | Referenced By | Review | Preview | Advanced

Style Name: Topic

Extract View: Preview\_Topics\_Basic

Load View: Load\_Topics

Automatic Update: Prompt User (selected), Always Load, Never Load, Prompt User, (none)

Buttons: Save, Close

- **Always Load:** Load always occurs at the end of a Review Edit when there is automated markup (insert, replace, or delete) applied and accepted.
- **Never Load:** Always bypass the load process. This will mean the Review Editor will need to apply all changes manually.
- **Prompt User:** The Review Editor will have a choice to load or bypass load when there is automated markup (insert, replace, or delete) applied and accepted.
- **(none):** This is a required field. (none) exists in this column to allow a user to specify (none) for all fields, thereby removing the Review record.

## Vasont Administrator

This section outlines the enhancements and new features in the Vasont Administrator for Vasont ST 2.11.

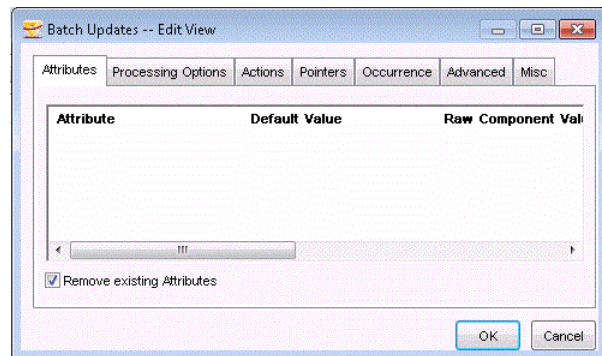
### ***Batch Attribute Delete***

This enhancement allows a user to remove all existing Attributes from Edit View, Extract View, or Load View components using the Batch Update window in the Vasont Administrator.

A new check box exists on the Attributes tab of the Batch Update window called **Remove existing Attributes**. If this box is checked, then all Attributes from the selected components will be removed.

If Attributes are added to the Batch Update window, then the following will occur in order.

1. All existing Attributes will be removed from the selected components.
2. The Attributes specified in the Batch Update window will be added to the selected components.



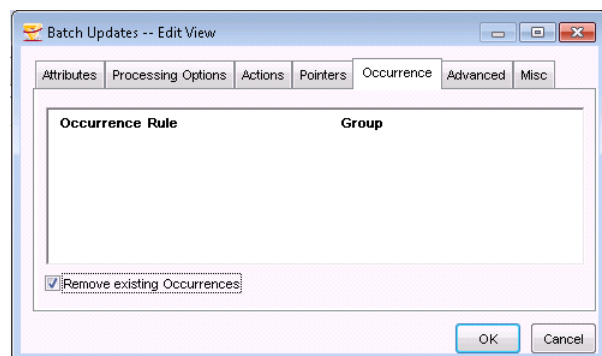
### ***Batch Occurrence Delete***

This enhancement allows a user to remove all existing Occurrence rules from component(s) when using the Batch Update window in the Vasont Administrator.

A new check box exists on the Occurrence tab of the Batch Update window called **Remove existing Occurrences**. If this box is checked, then all Occurrence rules from the selected components will be removed.

If Occurrence rules are added to the Batch Update window, then the following will occur in order.

1. All existing Occurrence rules will be removed from the selected components.
2. The Occurrence rules specified in the Batch Update window will be added to the selected components.



# Vasont Universal Integrator

The items in this section outline the enhancements and new features in the Vasont Universal Integrator (VUI) for Vasont ST 2.11.

## <oXygen/> Load Process Indicator

A “busy” cursor has been added to the <oXygen/> VUI when content is being loaded to Vasont. The cursor lets the user know that the load process is active and oXygen is busy.

## Processing Options

The following processing options have been altered in Vasont ST 2.11.

**extract\_directory:** The **directory** argument now supports the %USERNAME% variable in a path. For example: C:\users\%USERNAME%\extract\.

## Software Fixes

The following issues have been fixed for Vasont ST 2.11.

### Vasont

- **Translation Preview Fix**  
Under specific circumstances a Translation Preview was not complete and gave an error stating an Inline component was expected in text, but was not found. This occurred when the source English content had a text component with an inline tag and the corresponding translation component omitted the inline tag.
- **Compare Active Content Extract Issue**  
Fixed the problem where the Extract selection window was not displaying when the XML Compare option was chosen from the Details pane → Branches or Siblings information bars.
- **Batch Check In from the Master Check Out List**  
Alterations have been made to the Master Check Out List to allow batch Check In, as well as batch Reassign Check Out. In addition, the “Reassign” column heading has been renamed “Select” to indicate the dual purpose of the check boxes.
- **Email Address Selection**  
Fixed the problem where the first username in the Email address window did not stay selected when Control + clicking additional Email addresses. If the first username is not needed, then simply click on the first desired username (which deselects the first username) and use Control + click to select additional usernames.
- **Reference By Validation when Deleting Components or Querying**  
Fixed the situation where under a specific set of circumstances a component could be deleted, even though it was referenced. In addition, the situation was fixed where the *Is Referenced* or *Is Not Referenced* query properties return inaccurate results. Both of these situations occurred when a configuration did not contain any collections with a value on the Type tab in the Vasont Administrator.
- **Block Sessions in Oracle**  
Oracle 11.1 introduced a change in how locking is handled for Foreign Key integrity constraints. Because of this change in Oracle behavior, some Vasont database tables could be locked for prolonged periods of time, blocking the activity of other Vasont users. This problem would exhibit itself in the Oracle database as “blocking sessions”. Vasont ST 2.11.0 remedies this problem.

# Release ST 2.12

## Vasont Editorial Environment

This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.12.

### ***Cloning Content and Modular References***

A new processing option is available that places a right-click menu item on a component that will provide the ability to clone the component and its referenced modules. For example, if the processing option is placed on a DITA BookMap, the menu item will clone the BookMap, all referenced Maps and referenced topics.

The `clone_primary_and_modules` processing option has arguments to define the right-click menu label, display completion and confirmation messages, warning message for high volume of references, the ability to display the menu option to specific users, and the collections where references should not be cloned.

This functionality may be useful for situations where you want to create copies of content without using the Branching feature. One example may be for templates to create new documents (i.e., Maps and required Topics) or setting up content for training staff members in Vasont.

### ***Maximum Open Windows Improvements***

Two improvements have been made for the situation where the Vasont application may be terminated because too many windows are open.

Windows with the Details pane displayed consume a large number of resources and often cause Vasont to terminate. This release includes an enhancement to limit the number of objects utilized when the Details pane is first opened. Additional objects will only be utilized if the user selects new tabs on the Details pane. Using this method the footprint of objects used will be lessened and it will increase the number of windows that can be open before an application termination occurs.

The number of windows that can be open is not a fixed number since it depends on the environment. This release includes an improvement to warn the user when the number of open windows is about to exceed the maximum that can be typically opened in the environment. The error often occurs when many new windows are being opened while existing windows are already open, therefore, a new enhancement will check to see if the maximum number of windows will be exceeded (defined in the Vasont Administrator) when performing either Open Modular Content or Open Workspace operations.

The new logic will determine the number of Navigator windows currently open and the number of windows that have been chosen to open. If the total of these windows exceeds the maximum number set in the Vasont Administrator, then a warning message will display. The purpose of the warning is to avoid the termination. It is possible that there are enough resources to open the windows, but there is no guarantee. If the user chooses “Yes” to continue, then the operation will proceed. If the user chooses “No”, then the operation will not proceed and the user will be left at the same location in the user interface (i.e., Home Page for opening workspaces or Open Modular Content window).

See [System Profile for Maximum Open Windows](#) in the [Vasont Administrator](#) section of this document for more information.

## Translation Load Enhancement

The ability to translate multiple copies simultaneously is allowed in Vasont and may be preferable by some clients. This enhancement will accommodate the scenario where multiple copies of the same primary are being translated simultaneously. It will bypass the loading of earlier instances of a file, and only allow the latest version of the file to be loaded.

In order to implement this behavior the **translation\_load** processing option has a new argument called **load\_latest\_only**. When this argument is set to “yes”, special processing in the load daemon will be performed. The following is a description of the behavior.

**When an earlier file is loaded** — This occurs when a file is being loaded and the system recognizes the primary component associated with the file has a more recent translation copy. In this case, the file will not load and an error message will be passed back to the load daemon so that it will log the file as failed and move it to a failure directory. In addition, this older file record will be canceled from Translation Project. If this is the last active file associated with the Translation Project, then the project will be completed. Note: This logic will occur regardless of the state of the newer instance of the translation file. For example, it does not matter if the newer file is: 1) not yet sent, 2) sent for translation, but not yet returned, or 3) returned and loaded. In all of these cases the older file will be rejected and canceled.

**When the most recent file loaded first** — It is possible that the translation vendor may send back the most recent instance of the file first. It is also possible the most recent instance file will be returned and the older instance of the file will be discarded by the vendor. In either case, the load of the latest instance of the file will cause the older instance(s) to be canceled as described in the above section.

**In Vasont** — When an older instance of a file is loaded and rejected, the file will be canceled, as described above. When this happens, the cancellation reason will be, “A newer instance of this content exists in another translation project.” The description can be viewed from the **Translation window** → **Details pane** → **File Tracking** → **Show File History**.

Note: The File History Windows was adjusted to show the full Status Description. Prior to this release, it only displayed a limited number of characters and had no scroll bar.

## Master Check Out List Enhancements

Changes have been made to the Master Check Out List to make it behave like other windows of this type.

- The Select column and check boxes will always display.
- The Check In button will only be enabled when at least one check box is selected. The button will toggle back and forth as users check and uncheck rows. The selection of a row by highlighting the row will have no effect on the Check In button. Only check boxes being selected will be processed when the Check In button is clicked.
- Batch capability is available to all users, and a user may select components that they may not have permission to check in (checked out to another user and they do not have the check in override privilege). When this occurs a message will display with the exceptions.
- The Reassign Check Out button will be disabled if the user does not have the check in override privilege. If the user does have the check in override privilege, the button will be enabled and disabled depending on whether there is at least one row checked.
- The Open Navigator button will display a navigator for the highlighted component (not the checked boxes).



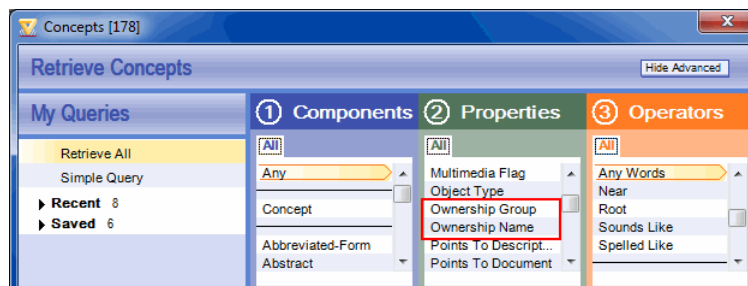
## Master Ownership List Enhancements

Changes have been made to the Master Ownership List to provide more details and batch processing functionality.

- The Manage Owner button has been added so that ownership settings can be applied directly from the window.
- The “Content Owners” column has been split into two columns; “Owners” and “Group Name.” The **Owners** column will display the names of the users who have been assigned ownership for the component. The **Group Name** column will display the names of groups who have been assigned ownership for the component. If ownership is applied by groups, the members of the group will not appear in the Owners column (as done in previous versions).
- The Select column and check boxes have been added to this window and will display when the user has the manage owners privilege for at least one collection. If the user does not have the privilege, then the Select column will not be visible and the Manage Owners button will be disabled.
- If the Select column is displayed, and at least one row is checked, the Manage Owners button will be enabled. This button will toggle from enabled to disabled if at least one row is checked.
- It is possible that a user has the manage owners privilege for some collections and not others. If multiple rows are checked, the Manage Owners button will be enabled. If the user has checked at least one row in a collection where they do not have the manage owners privilege, then a message will display with instructions to uncheck components to which they cannot apply ownership.
- The Open Navigator button will display a navigator for the highlighted component (not the checked boxes).

## Query Property for Content Ownership

Two new properties have been added to the Query page for locating content with or without content ownership applied. **Ownership Group** and **Ownership Name** can be used with various operators to include or exclude content in query results.



## Content Ownership Properties in Batch Processing Window

The Batch Processing window now contains two new columns to display content ownership.

The **Owners** column will display the names of the users who specifically have been assigned ownership for the component. The **Group Name** column will display the names of groups who have been assigned ownership for the component (the members of the ownership group will not be visible in this list).

The ability to see the ownership that is applied to the components in this window will help you select and change ownership in a batch manner.

Tag	Crea	Alpha Tag	Check Out Username	Checkout Date	Content Owners	Content Owners Group
06/05	u					
04/21	v		SANDIE	04/21/2014 2:01 PM		
01/31	w					
02/11	w					
07/11	w		WTEST	03/20/2014 10:09 AM		
06/21	w					
02/11	b				MASTER.LEVIN	
01/31	c					ProductCare

## Locking Vasont WebLNX® Workflow Content

Certain operations in Vasont can cause problems if performed on content that is being actively worked on in Vasont WebLNX. The following safeguards have been implemented in this release to prevent users from performing the following:

- The Workflow window now has a column that specifies if a task is one that will be performed in Vasont WebLNX. This column will also display and print when the Report option is chosen for this window. The Workflow Details Pane also displays the Vasont WebLNX Task value on the General information bar.

Completed	Assigned To	Assigned By	Project Started	Project Due	Project completed	WebLNX Task	Task ID	Inst
	WEBLNX.SUE	WEBLNX.SUE	07/03/2014	08/14/2014		Yes	2123	
	WEBLNX.SUE	WEBLNX.SUE	07/03/2014	08/14/2014		Yes	2120	
	WEBLNX.SUE	WEBLNX.SUE	07/03/2014	08/14/2014		Yes	2140	

- Check In feature will be blocked if the content has an active Vasont WebLNX workflow task. The following check in methods have been updated for this functionality.
  - Navigator right-click menu → Check In**
  - Navigator right-click menu → Check In Modularized Content** — This is a menu option that comes from the checkin\_modularized\_content processing option. The name of the actual menu item may differ in your system because this is a configurable label.
  - Master Check Out List → Check In and Reassign Check Out** — Since there could be a mix of content with and without Vasont WebLNX workflow, the Check In and Reassign Check Out buttons will be enabled whenever one or more items are checked. An exception window will display failures due to content having active Vasont WebLNX workflow.
  - Tools → Process Collection → Check In** — Since there could be a mix of content with and without Vasont WebLNX workflow, the Check In button and menu option are enabled. An exception window will display failures due to content having active Vasont WebLNX workflow.
  - Batch Action → Check In** — Batch actions are available on the Children and Siblings information bar of the Details pane, Search List window, and Cross Collection Search Results window. Since there could be a mix of content with and without Vasont WebLNX workflow, the Check In option is enabled. An exception window will display failures due to content having active Vasont WebLNX workflow.

- The completion of an active Vasont WebLNX task will not be permitted in Vasont. The following task completion methods have been updated for this functionality.
  - **Workflow window** — The Complete Task button will be disabled.
  - **Home Page → My Tasks** — The Complete Task button will be disabled.
  - **Navigator → Details pane → Workflow information bar** — The Complete Task button will be disabled.
  - **Workflow Reschedule window** — The Change Active Task button will be disabled.
- The reassignment of a task will be enabled in Vasont when the active task is a Vasont WebLNX task; however, the behavior will be different. The reassignment will be queued, and the actual reassignment will be handled by the Vasont WebLNX File Management System (FMS). A message will display to the user when reassigning a Vasont WebLNX task, that will allow them to continue or abort the process. The following task reassignment methods have been updated with this functionality.
  - **Workflow window → right-click → Reassign User**
  - **Workflow window → Details pane → Similar Tasks → Batch Action → Reassign User**
  - **Workflow Reschedule window → Reassign User**
- If a user has the advanced privilege to delete workflow tasks, they can permanently delete workflow tasks. This functionality will not change for non-Vasont WebLNX tasks. A new privilege called **Delete Vasont WebLNX Tasks** will be granted for users who need the ability to delete active or completed Vasont WebLNX tasks. When deleting an active Vasont WebLNX task a message will display to warn the user about the ramifications of deleting the task. The user can choose to proceed or cancel the operation. The following task deletion methods have been updated for this functionality.
  - **Workflow window → right-click → Delete Task**
  - **Workflow window → Details pane → Similar Tasks information bar → Batch Action → Delete Task**

# Vasont Administrator

This section outlines the enhancements and new features in the Vasont Administrator for Vasont ST 2.12.

## User Login Activity Report

The User Login Activity Report presents login history for a selected user, role, workgroup, or date range. This report is helpful for gathering information about the usage of Vasont licenses and user access.

The report is accessed by selecting **Reports → User Navigator → User Login Activity**. A filter displays that allows you to narrow the scope of the report. Select the user, workgroup, role and a date range for the contents of your report. The report will also show the user's name, when they logged in and logged out, and the amount of time they were in the system. A summary at the bottom of the report will show the number of times the user was logged in during the timeframe and the average amount of time they spent in the system.

The report can be manipulated with the standard report toolbar buttons and saved to an electronic file or output to a printer.

## Batch Update for Wrappers

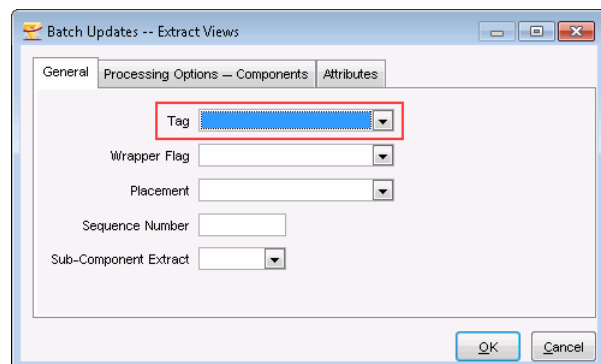
This enhancement allows a user to update wrappers (i.e., tags) when performing batch updates on extract or load view components.

The General tab now has a Tag field. This is the same field that appears when you open the Update window for an individual extract or load view component.

When a tag name is entered in this field, all component(s) selected in the Batch Update Utility or Where Used window will be updated with the new tag value. This change will be processed along with any other changes defined in the window.

There are some restrictions for batch updating wrappers, such as: all selected components for updating wrappers must currently have the same wrapper, the new wrapper cannot already exist on one of the selected component's siblings, and the selected components cannot contain a recursive wrapper relation (i.e., <section>[<section>]).

This utility can save a great deal of time when you need to modularize content and switch components to pointers (i.e., Image to ImageRef).



## View and Task Deletion Restrictions

Vasont WebLNX processes rely on various configuration items existing in the Vasont Administrator (i.e., extract and load views, collection types, workflow tasks). Therefore some protection has been implemented to prevent system administrators from unknowingly deleting part of the configuration. When one of these items is selected for deletion, and if it is utilized by Vasont WebLNX, a message will display explaining that the view or workflow task is in use with the Vasont WebLNX File Management System and cannot be deleted.

## Identifying Vasont WebLNX<sup>®</sup> Workflow Tasks

The Task Update window has a new field for **WebLNX Task**. When this field is set to “Yes,” it means that the workflow task will be performed on content through Vasont WebLNX.

The WebLNX Task = Yes setting will invoke special behaviors in Vasont when a users attempts to perform various functions that could cause conflict with content that is being edited in Vasont WebLNX (i.e., check in, task completion, task deletion). This setting also changes the way Reassign Task functions if the selected task is for a Vasont WebLNX assignment. The request will be queued and the File Management System (FMS) will handle the reassignment and movement of the files.

When your system is upgraded for ST 2.12, all existing workflow task definitions will have the Vasont WebLNX Task set to “No”. This is the default value when creating new workflow tasks.

The screenshot shows a dialog box titled "Update Task - 4. Review Updated Map/Topic". It has several tabs: "General", "Users", "Workgroups", "Next Task(s)", "Attributes", and "Processing Options". The "General" tab is active. The fields in the dialog are as follows:

- Task Name: H. Review Updated Map/Topic
- Task Description: (empty)
- User Assignment: Pick
- Start Flag: No
- Duration: 1
- Duration Flag: Weeks
- Estimated Iterations: 1.00
- WebLNX Task: Yes (highlighted with a red box)
- Project Name: WebLNX Workflow
- Task ID: 2140

At the bottom right, there are three buttons: "New", "Save", and "Close".

## System Profile for Maximum Open Windows

The **Max\_Open\_Windows** system profile is the number of windows with the Details pane displayed that can typically be opened in your environment without causing the Vasont application to terminate. The Vasont application will use this setting to alert users when they are about to exceed the number of open windows and could possibly cause the application to terminate. The user can then determine if they want to continue with the operation to open more windows or cancel the open window request.

The default setting for the Max\_Open\_Windows is “10”.

## Processing Options

The following processing options have been added or altered in Vasont ST 2.12.

### New Processing Options

attribute_from_referenced_file	create_translation_relation_match
check_in_modules_by_task	exclude_attribute_on_load
clone_primary_and_modules	resolve_pointers_modular
consolidated_delete	

### Processing Options With Additional Arguments

complete_task	<b>override_user_check</b> is an optional argument that instructs the process to complete the task even if the user performing the load is different than the user who is assigned to the active workflow task.
prevent_load_by_attribute	<b>load_modular_files:</b> Assuming a file does not load because of the functionality of this processing option, this argument will determine whether its modular files should be evaluated for loading. If set to “yes”, the XML and setup will be interrogated for content that should load other files based on the processing option <b>load_other_file</b> . For example, if a DITA Map does not load because of prevent_load_by_attribute, this argument could be set to “yes” so that <topicref> elements within the Map XML will still load topic files. If not specified, the default value is “no”.
translation_load	<b>load_latest_only:</b> If this is set to “yes” then only the file associated with the latest (i.e., most recent) translation file for this primary will be loaded. If this is not the most recent file, then the load for the file will be aborted. The associated translation file record within the Translation Project for an older file will be canceled.

## Software Fixes

The following issues have been fixed for Vasont ST 2.12.

### Vasont

- **Browsing from the Multimedia Update Window**  
The browsing window for multimedia stored in the file system has been changed to a larger window that is resizable and will remain in focus, on top of the navigator window. This fix addresses the problem where the window would open and would be hidden behind the Vasont application window.
- **Multimedia File Overwrite Warning**  
Fixed the problem where opening a file from a Multimedia Update window would not display the overwrite warning if there was a period (.) in the filename. For example, “my.biggraphic.gif” would not cause the warning to display, but “my\_biggraphic.gif” would. Now, the warning will display if there is a period in the filename and there is a situation where opening the file could cause an overwrite.
- **Extract Logging**  
Previously the extract log file would be opened at the start of the extract process and then closed when the extract was completed. This behavior caused conflicts when a user would perform simultaneous extracts for two Vasont sessions. Now the system will collect extract data during the extract process and enter it into the extract log when the extract is complete. This behavior will minimize the chance of logging conflicts when the user is running extracts on multiple sessions of Vasont.
- **Saved Extract Condition Sets**  
Fixed the problem where attribute and value conditions were corrupted when a user selected a Saved Condition Set and altered the values.
- **Fast Extract and Pointer Component Attributes**  
Fixed the issue where the Fast Extract process did not honor the pointee\_attribute arguments on the ref\_extract processing option. This was causing attributes on pointer components to be dropped from the Fast Extract BLOBs.
- **Querying for Attributes in Version History**  
Querying attributes in version history produced the following error message: “Attributes selected are not allowed.” The error message has been reworded to more clearly state: “Querying attributes in version history is not supported.”
- **Checking in Components in the Master Check Out List**  
Fixed the problem where a user could not check in their components in the Master Check Out List unless they had the check in override privilege. Users are now able to check in their components with their normal privileges.
- **Citrix, Terminal Services and Remote Desktop Services VasontApps.ini Lookup**  
In Citrix, Terminal Services, Remote Desktop Services and similar environments, applications that use the Vasont API (Vasont COM Object) would sometimes use the VasontApps.ini file located in the Windows folder (i.e., C:\Windows) instead of a virtualized, private copy of VasontApps.ini in the users' home. This problem has been corrected.

### Vasont Administrator

- **Prevent Base Language Deletion**  
In the Vasont Administrator, the base language for content is designated with ID=1 and it must always exist. This language is now protected so that a user may not delete it from their list of languages.
- **Mixed case language code change**  
Previously, language codes were expected to be lowercase. In this release, a change has been made to honor

mixed case language codes for use in translation processing. Specifically, the `translation_clone` operation will process mixed case language codes and use that value to populate values (e.g., client keys) in the translation collections.

Language codes are set up in the Content Navigator of the Vasont Administrator. The Language Abbreviation field is the language code that can now be mixed case. In a typical DITA setup there is also a Translation Language alias with an `xml:lang` attribute that contains valid values. These values should also be changed to match the language abbreviation values.

## VUI

- **FrameMaker 12 VUI**

Fixed the problem where the full set of VUI menu items were not displaying in FrameMaker version 12 when the user toggled back and forth between the Author view and WYSIWYG view.

Fixed the problem where the Create Conref was not working on Citrix or local machines when the file being worked on was not in the standard Vasont extract directory (e.g., `c:\Vasont\extract`).

## Processing Options

- **text\_to\_attribute**

This processing option has been altered to convert characters that will cause invalid XML when stored in an attribute. For example, `&`, `"`, `<`, `>`, and `'`.

- **translation\_extract\_by\_component**

This processing option has been adjusted to recognize modular content that was processed within the same primary and will not process and extract it again.

- **pre\_attribute\_from\_pi**

This processing option was not properly initiating and has now been fixed.

- **dynamic\_index\_from\_attributes**

This processing option has been altered to allow multiple attributes at the same level in the library collection structure. For example, the *props* attribute and the *otherprops* attribute can both create second level entries in the library collection.

- **modular\_content\_ownership\_from\_attr**

The `workflow_attribute` argument has been removed from this processing option.

- **modular\_update\_attr\_from\_attr**

The `workflow_attribute` argument has been removed from this processing option. Also fixed the problem where using the `attribute_name` and `select=NO` arguments were not working.

Fixed the problem where the status is not analyzed after the attribute value is applied to downstream modules where the attribute is required. The modules were in an incomplete status because they did not yet have the attribute value populated. After this processing option populated the attribute using the right-click menu option, the modules remained in an incomplete status. The processing option will now analyze so that the modules' status will be changed to draft, provided that there are no other reasons that they are incomplete.

## APIs

- **f\_insert\_version\_and\_comment**

This COM function has been changed to allow for version on demand. The Vasont system is no longer using the versioning flags within the Administrator, so the checks for them have been removed from the COM object.



# Release ST 2.12.1

## Vasont Editorial Environment

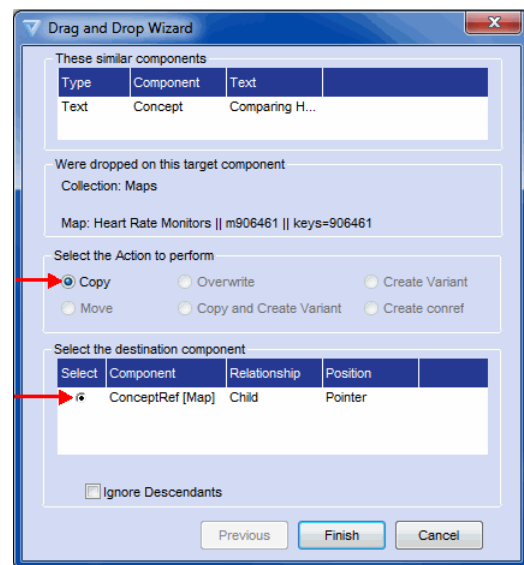
This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.12.1.

### *Smart Drag and Drop Wizard*

Currently, there are times when the Drag and Drop Wizard displays and there may be only one possible action and one possible component selection for the location where the component is being dropped (as shown in the screenshot at the right). To save the user from clicking the Finish button to complete this type of operation, an enhancement has been made to the Drag and Drop Wizard.

The **Smart Drag and Drop Wizard** functionality can be activated from the User Profile → Options window, that will eliminate the display of the Drag and Drop Wizard when there is only one possible action and component to choose from. If there are multiple actions or components that can be selected, the normal Drag and Drop Wizard will appear.

See [User Profile Options for Drag and Drop Wizard](#).



### *Repeatable Workflow Tasks*

The **preset\_repeatable\_tasks** processing option allows you to create a workflow definition that contains a task that may be assigned to multiple users, in a sequential fashion. For example, if a workflow definition has a task for reviewing and approving content, and there are three users who need to perform the activity, then this processing option will allow you to define the task once, but assign it to all three users. A task that occurs somewhere before the reviewing and approving task will prompt a user to define the users for the upcoming repeatable task(s). When the workflow advances to the repeatable task, the first user in the list will be automatically assigned the task. When the user finishes and completes the task, the next user in the list will be automatically assigned the task. This process repeats until all users who were pre-selected have completed their workflow task. On the last user's completion, the next task in line will be initiated.

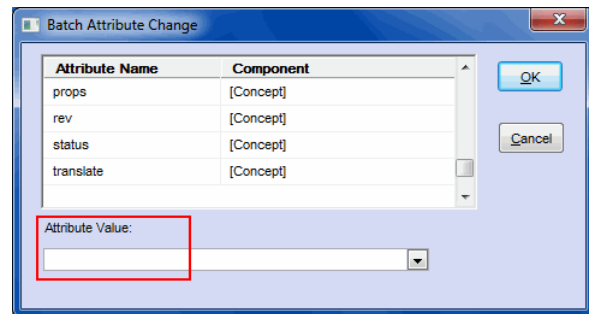
This processing option simplifies the building of workflow definitions that need to accommodate multiple users who will be performing the same task. It also allows a user to pre-select and prioritize the user assignments so that users on future tasks don't have to determine who should perform the next task.

## Batch Deleting Attribute Values

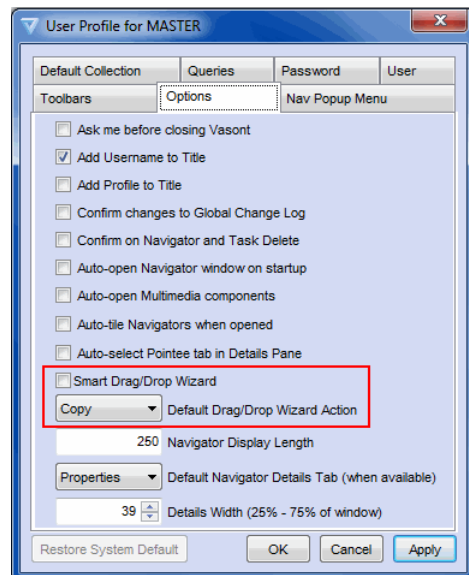
Attribute values can now be cleared when using the **Edit** → **Attribute Change**. This is a configurable menu option that is displayed when utilizing the **Tools** → **Process Collection** for batch processing content.

In prior versions of the software, leaving the Attribute Value field blank would not clear out (or remove) the attribute values on the selected attributes and components. With this release, the behavior has been changed to do so.

See `batch_attribute_change` in the [Processing Options](#) and [Software Fixes](#) sections.



## User Profile Options for Drag and Drop Wizard



There are two new options in the User Profile for controlling Drag and Drop Wizard behavior.

### Smart Drag/Drop Wizard

Placing a check mark in this box will turn the Smart Drag and Drop Wizard functionality on for the logged in user. See [Smart Drag and Drop Wizard](#) for more information.

### Default Drag/Drop Wizard Action

This setting allows the user to change the default selection from Copy to the option of their choice. The available options are Copy, Move, Overwrite. The user preference is used in drag and drop situations where appropriate. For example, assume the user preference is Move, and the user has selected a component to drop onto an inline component. In this case, the user preference will be ignored because moving a component into an inline position is not allowed through drag and drop action. Therefore, the user's preference will be ignored and the appropriate selection will be shown.

## Vasont Universal Integrator

The items in this section outline the enhancements and new features in the Vasont Universal Integrator (VUI) for Vasont ST 2.12.1.

### Oxygen: Save to Database Button

A **Save to Database** button can now be added to the toolbar in <oxygen/> that will perform the Update Vasont Database function. Using this button will provide the same action as choosing the menu item **Vasont** → **Update Vasont Database**.

The button is controlled in the plugin.xml file located in `C:\Program Files (x86)\<Oxygen Installation Directory>\plugins\VasontUniversalIntegrator`. The `<toolbar>` element declares the new button.

## Processing Options

The following processing options have been added or altered in Vasont ST 2.12.1.

### New Processing Options

doctype_master_entity_declaration	preset_repeatable_tasks
file_date_from_edit_date	weblnx_blob_update

### Processing Options With Modified Functionality

batch_attribute_change	This processing option has been modified to accept a null value. Now, when you select attribute/component entries in the Batch Attribute Change window, and leave the Attribute Value field blank, the selected attribute/component entries will have their existing values removed.
translation_clone	Modified description for pointee_attribute: This is an optional argument for Attribute(s) in the Translation collection that will get the language value appended to them. In DITA, the conkeyref attribute is a common usage for this argument. The conkeyref value has special logic when applied. If the conkeyref target is in a collection that is not being cloned for translation, then the language code will not be appended to the conkeyref value.

### Processing Options With Additional Events

resolve_pointers_modular	This processing option has been added to the load_entity_post event.
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## Software Fixes

The following issues have been fixed for Vasont ST 2.12.1.

### Vasont

- **Using F1 key on the login screen causes termination of the application**  
Fixed the issue where pressing the F1 key while the Vasont login screen was displayed caused the application to terminate.

### Processing Options

- **translation\_clone**  
Adjusted the behavior for the *pointee\_attribute*. Now, the DITA “conkeyref” value has special logic. If the conkeyref target is in a collection that is not being cloned for translation, then the language code will not be appended to the conkeyref value.
- **batch\_attribute\_change**  
This processing option has been modified to accept a null value. Now, when you select attribute/component entries in the Batch Attribute Change window, and leave the Attribute Value field blank, the selected attribute/component entries will have their existing values removed.



# Release ST 2.13

## Processing Options

The following processing options have been added or altered in Vasont ST 2.13.

### Processing Options With Modified Functionality

file_date_from_edit_date	<p>Renamed to “blob_to_file_att_with_editdate”.</p> <p>The processing behavior has been altered to perform two actions: 1) Extract the stored BLOB and place a tag in the XML file that will reference the file, and 2) use the multimedia component's edit date for the file's date and time stamp in the extract folder (rather than the current date and time).</p>
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### Processing Options With Additional Arguments

dynamic_index_from_attributes	<p><b>use_build_history:</b> This argument is only applicable to the <i>edit_batch</i> event and the daemon program that builds the index. If this is set to “yes,” then each component that is processed will be tracked with the date and time it was processed. This will be used on subsequent processes to determine if the index attributes have been updated since that last time the program ran. If not, the component does not need to be processed and it will be skipped.</p> <p>For efficiency it is recommended to set this argument to “yes”. If you want to re-process all components, then set this to “no”. One reason to set this to “no” is when the setup has changed. In that case, you will not want the previous builds of the index to prevent components from being re-processed. When this is set to “no” all the build history for this usage of the processing option will be deleted when the batch process or daemon program is run against this collection.</p> <p>If not specified, the default value is “no”.</p> <p>An external program is available to update the index collection with new components or components with modified attribute values in the collections that contain the content that the index will reference. For more information about this program, contact your Vasont support leader.</p>
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## Software Fixes

The following issues have been fixed for Vasont ST 2.13.

### Vasont

- **Scroll Bar for the Reassign User Window**  
A scroll bar has been added to the Reassign User Window in the Reschedule Workflow Tasks.
- **Project Management Report Crashes**  
The situation where the Project Management Report would cause the system to crash if there was a column for an attribute that contained a hyphen has been fixed. In the report, the column headings for attributes that contain hyphens will display with an underscore character, rather than a hyphen.
- **Collaborative Review Filter**  
The Description field of the Collaborative Review filter has been fixed to allow for filtering based on Review descriptions.
- **Disappearing Scroll Bars in Advanced Search Window**  
Fixed the situation where scroll bars on the Components, Properties, and Operators panes would temporarily disappear when the Advanced Search window was resized.
- **Corrupted Email Attachments**  
Fixed the problem where emails initiated from Vasont that had more than one file attachment would result in corrupted attachment files.
- **Multimedia Status for Deleted BLOBs**  
Multimedia components may have their stored BLOBs deleted using the **Delete File** button on the Update window. When this happens the Status field setting will be changed from Approved to Missing when the component is saved. The status is changed as part of the delete and save action, therefore, existing multimedia components that had their BLOBs deleted prior to this release will not automatically have their status changed.
- **Setup Extract Conditions**  
Fixed the issue where information in the *Step 6: Save these conditions as a set* pane was sometimes truncated.

### Processing Options

- **child\_component\_text**  
This processing option has been altered to convert characters that will cause invalid XML when stored in an attribute (e.g., &, ", <, >, and ').
- **text\_filename**  
This processing option has been modified to use the client key as the filename in situations where the top-level component of the extract does not contain any text.

# Release ST 2.14

## Vasont Editorial Environment

This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.14.

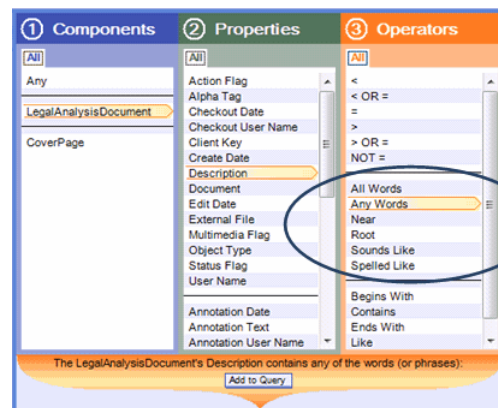
### Searching Multimedia with Oracle Text Operators

Queries can now be constructed for searching multimedia component descriptions using Oracle Text operators (i.e., All Words, Any Words, Near, Root, Sounds Like, Spelled Like).

Setting up Oracle Text for multimedia descriptions is done by executing scripts, similar to those used to set up other database fields with Oracle Text (found on the Vasont installation disk).

When Oracle Text is configured for the Description field in your system, the Vasont Query window will automatically display the Oracle Text operators associated with a selected multimedia component and description property.

Multimedia descriptions consist of filenames and would be parsed as separate words, just like all other Oracle Text implementations. Here are some examples:



“Getting Started Guide.doc” has the following Oracle Text words: “getting”, “started”, “guide”, and “doc”.

“Getting\_Started\_Guide.doc” has the following Oracle Text words: “getting”, “started”, “guide”, and “doc”.

“GettingStartedGuide.doc” has the following Oracle Text words: “gettingstartedguide” and “doc”.

### Content Validation Reporting

A new report has been added to the main Reports menu for reporting content issues in a collection. This report will help you to quickly determine if there are duplicate client keys on primary or subcomponents and if there are structural errors in the content. Execute the report from **Reports** → **Content Validation** and select the collection to be validated. The process will report any of the following issues:

- All primaries in the collection are checked for duplication of client keys.
- Subcomponents that are identified in the Vasont Administrator as possible pointees (referenced components) will be checked for client key duplication. Only components that are explicitly identified on the Pointers tab will be considered, meaning that pointer targets defined with [ALL] will not be validated as part of this process.
- Components will be identified that have an incomplete status, meaning that there is an occurrence violation, undefined or unresolved pointers, or other configuration validation issue.

When all content in the collection has been interrogated, the report will display. Each entry contains a description of the violation, as well as system metadata for the component (i.e., client key, text, component type, status, etc.). The report can be printed or saved using the standard Vasont report options.

## Processing Options

The following processing options have been added or altered in Vasont ST 2.14.

### New Processing Options

clone_content_validation	create_version	matching_id_from_collection
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### Processing Options With Additional Events

task_clone	This processing option has been added to the task_pre_complete event.
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### Processing Options With Modified Functionality

check_out	This processing option has been modified to add the instance_id value associated with the task to the check_out record. This field is primarily needed to support WebLNX logic.
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## Software Fixes

The following issues have been fixed for Vasont ST 2.14.

### Vasont

- Sibling/Self-Overwrite window placement**  
 When dragging files from the Windows Explorer and dropping into a Vasont navigator, the Sibling/Self-Overwrite dialog window will display and be placed on top of all open applications.
- Content Ownership based on collection privileges**  
 The Manage Content Owners window has been modified to only list users who have privileges in the collection where the window is opened. If an ownership group is applied, and one or more members of the group does not have privileges in the collection, then a warning will be displayed. If the window is accessed from the Master Ownership List or Batch Processing window, where multiple components can be selected and have ownership applied or changed, then all users will be displayed in the list and the processing will determine if a user should be permitted as a valid owner for the selected component(s). Only the users who have collection privileges will have the ownership applied and an exception message will display for the ones that could not be applied.
- Fast Extract enhancement for ref\_extract\_conref and ref\_extract\_conkeyref**  
 The fast extract logic has been enhanced to incorporate content referenced by ref\_extract\_conref and ref\_extract\_conkeyref processing options in the event that the referenced content changed independently of the primary that holds the pre-built Fast Extract XML.
- Translation Project Cancellation**  
 The cancellation of a Translation project should only cancel translation files that are directly associated with that project. If any of the files are part of another translation project, then those files are being reused and are not directly associated with the project. With this software fix, the reused files from other translation projects will not be cancelled when the overall project is cancelled.

### Processing Options

- ref\_text\_to\_attribute**  
 This processing option has been modified to work with version extracts and will extract the referenced text as it looked at the time the version was created, regardless of whether the pointee is deleted or active.



- **clone\_by\_extract\_load**

This processing option has been modified to apply proper version records. With this fix the source component will have a Cloned Source version and the changed target components will have a Cloned Target version.



# Release ST 2.15

## Vasont Editorial Environment

This section outlines the enhancements and new features in the Vasont editorial environment for Vasont ST 2.15.

### *Content Ownership Enhancements*

The Content Ownership feature has been extended to accommodate situations where users need to be restricted to working, viewing, and creating content. The benefit of using Content Ownership is that it reduces collection maintenance, because it allows one set of collections that will support content for a mix of products. For example, a company may have content for a blood pressure monitor and a fitness monitor. A specific set of users are assigned to work on each of these products and should not be allowed to view or alter the other. Rather than creating a set of collections for each product and setting the privileges to the appropriate group, the Ownership Extension features will allow each group to edit, view, and create content without the risk of inadvertently modifying content in the other product.

The following sections describe the features that make up the Ownership Extension.

### User Profile for Ownership

When the Ownership Extension is activated, the system must know the Ownership Group in which the user is working. The following items have been added to the User Profile window to define the user's Ownership Group.

An **Ownership Group** field is now available on the **User** tab. When the Ownership Extension is activated for the system, the Ownership Group field will be shown and set to the user's default Ownership Group. If the user is assigned to exactly one ownership group, then that group will display and cannot be changed. If the user is assigned to multiple groups, then the drop-down list will contain all the groups for which they are a member and the user can modify the active value for the content that they will be working on during the current session.

The **Options** tab contains an item that allows the user to display their currently active ownership group in the Vasont title bar. This is a convenience item for users who may belong to multiple groups and want an easy way to identify the current setting.

### Content Retrieval

When the Ownership Extension is activated, the system will modify the content retrieval behavior. Queries will work as they previously have, but with the added criteria for the user's ownership group. There is no need for creating an advanced query and specifying criteria for content ownership. For example, if the user chooses to do a Retrieve All query for a collection, they will be presented with all content that has Content Ownership applied for their default ownership group. If the user is a member of the blood pressure ownership group, then content that is assigned with the fitness ownership group will not be retrieved, but the blood pressure content will be retrieved.

In cases where the user belongs to multiple ownership groups, they will toggle the User Profile setting that defines their currently active ownership group to a setting that will allow them to work with content from another group.

The query behavior applies to Navigator, Cross Collection Search and the Process Collection windows.

When necessary, users will continue to have the ability to view content in the system for Ownership Groups other than the group(s) to which they are assigned. When the user executes a query based on an Ownership Group proper-

ty (whether the user is assigned to the group or not), the content will be returned according to the criteria of the query. For example, a user who belongs to the blood pressure group may need to display content from the fitness group so that they can copy and paste components into their blood pressure content.

This behavior will not be applied to collections defined as ownership-independent in the Vasont Administrator.

## Applying Ownership to New Content

When the Ownership Extension is activated, and a user creates a new primary component, the system will automatically apply content ownership to the ownership group defined in the user's profile (see [User Profile for Ownership](#)). The methods of content creation that are supported by this feature are loading, creating primaries from the right-click menu for Create New, cloning primaries, creating primaries from the right-click menu for Create New From Template, and branching primaries. For example, a user chooses to create a new topic using the right-click menu option for Create New From Template. The user's profile for Ownership Group is set to the blood pressure group. The new topic that is created will be stamped with the blood pressure ownership group.

If a user belongs to multiple Ownership Groups, then they need to confirm that the currently active ownership group is appropriate for the content that they will be creating. If it is not, then the user will need to adjust their ownership group setting for the session.

Modifying existing content will retain its ownership regardless of the Ownership Group setting for the user's profile. For example, a user is a member of the blood pressure group and the fitness group. The user extracts and edits a topic that is assigned to the blood pressure group. The user's current profile is set to the fitness group. When the content is reloaded to Vasont the ownership group will remain for the blood pressure group.

This behavior will not be applied to collections defined as ownership-independent in the Vasont Administrator. See [Collection Type for Ownership Behavior](#) in the [Vasont Administrator](#) section.

## VUI

When the Ownership Extension is activated, and the user logs into Vasont from the XML editor, the ownership group information will be applied to the user's VUI session. If the user belongs to a single ownership group, then the group will be automatically applied. If the user belongs to multiple ownership groups, then the user will be presented with a window to select the ownership group for the current VUI session. For example, the user launches the XML editor and chooses Vasont → Open Navigator. The user belongs to both the blood pressure group and the fitness group, so the user will be presented with the window to select the ownership group for the session. The user will select the blood pressure group and continue through the VUI windows to get to the desired collection navigator. When the navigator opens, it will only contain primaries with ownership applied to the blood pressure group.

Saved Queries can be created and accessed from the VUI that will allow the user to retrieve content for another ownership group. This content may be viewed, but the user will not be able to modify it since they are not a member of the group.

If the user is a member of more than one ownership group and they log in under one ownership group, but query and retrieve content from another ownership group that they belong to, they can make updates to the content without changing the ownership that already exists.

## Workflow

When the Ownership Extension is activated, and the initiation of a task requires a user assignment, the pick list will be narrowed to the users who are members of the applied ownership group. This behavior will prevent users who are not part of the group to be assigned a task for the content.

Opening the Workflow Tasks window and navigating to the content and making changes to it, will not modify the ownership group.

The Workflow Filter now includes criteria for retrieving workflow items based on applied ownership group. This option is useful for locating workflow items when a user, project, or collection may contain content for multiple ownership groups.

The Filter by Ownership Group option exists regardless of whether the Ownership Extension is activated in the system. The restriction of workflow users will only occur when the Ownership Extension is activated.

## **Collaborative Review**

When the Ownership Extension is activated, and the initiation of the Collaborative Review takes place, the Reviewers and Editor lists will be narrowed to the users who are members of the applied ownership group. This will eliminate the possibility of assigning users who are not appropriate for the selected content.

# Vasont Administrator

This section outlines the enhancements and new features in the Vasont Administrator for Vasont ST 2.15.

## ***System Profile for Ownership Behavior***

The **Ownership\_Extension** system profile determines whether a specific set of features for ownership are activated. When set to “yes” the following features will be available.

- User Profile: Ownership Group field on the User tab.
- User Profile: Add Ownership Group to the Title on the Options tab.
- When new primaries are added to a collection, the users ownership group will be automatically added to the component.
- When queries are performed, the criteria will automatically assume the ownership group and present content that is owned by the group. The exception is when specifically defining the Ownership Group property. In that case, content will be presented for the defined group.
- Workflow Filter: The users list for filtering by ownership groups will be restricted to valid users.
- Collaborative Review: The reviewers and editor lists will be restricted to valid users for the ownership group applied to the content for which the review is being initiated.
- VUI: Enforces the user's ownership group setting. If the user belongs to multiple ownership groups, then they will be prompted to select the group for the VUI session.

For more information, see [Content Ownership Enhancements](#) in the [Vasont Editorial Environment](#) section.

## ***Collection Type for Ownership Behavior***

When using the Ownership Extension there may be collections that are considered ownership-independent. For example, images, cautions, or warnings may be utilized by all content in the system, regardless of the product. Therefore, a new collection **Type** can be applied to **Ignore Ownership Extension**. This means that the items described in [Content Ownership Enhancements](#) will not be applied to the content in collections where the Ignore Ownership Extension type is applied.

## ***Ownership Groups***

The User Navigator now contains a section for defining Ownership Groups. The users who need to be added or removed from the groups can be managed at the Administrator level, rather than in Vasont. Adding and deleting users is performed in the same manner as adding and deleting users in a Role or Workgroup. Ownership Groups are for applying content ownership to primary components in the Vasont environment.

When attempting to delete an Ownership Group that is currently applied to content in Vasont, a message will display stating the number of primaries that exist with the ownership group applied. The user has the ability to cancel the deletion or to proceed with the deletion of the group, as well as the removal of the ownership from the content.

## ***Ownership Groups Report***

The Ownership Groups Report is available on the Reports → User Navigator menu. The report lists the name of an ownership group and all users who are a member of the group. The report can be saved or printed in the same manner as other Administrator reports.

## Vasont Universal Integrator

This section outlines the enhancements and new features in the Vasont Universal Integrator (VUI) for Vasont ST 2.15.

### ***Content Ownership Enhancements for VUI Activity***

The VUI has been enhanced to support the Ownership Extension. When the Ownership Extension has been activated, the VUI behavior will be modified when interacting with Vasont. If the user is a member of a single ownership group, the behavior will be seamless to the user. If the user is a member of multiple ownership groups, the user will be presented with a window to define the ownership group that should be active for the current VUI session.

See [Content Ownership Enhancements](#) in [Vasont Editorial Environment](#) and [System Profile for Ownership Behavior](#) in [Vasont Administrator](#) for more information.

## Processing Options

The following processing options have been added or altered in Vasont ST 2.15.

### New Processing Options

remove\_text\_attribute\_exists

set\_attribute\_on\_approve

### Processing Options With Additional Arguments

generate_history_topic	<b>xref_keyref:</b> (optional) Determines if the xref pointer should be linked directly or by setting the keyref attribute. If this argument is set to “yes” then the keyref method will be used. The keyref method relies on the keys attribute being set on the target primary. If that is not set, the pointer will be linked directly regardless of how this argument is set. The default value for this argument is “no”.
job_publish_file	<b>email_current_user:</b> (optional) When set to “yes”, the current user will have their name and email automatically populated in the Email Notifications window that is displayed due to this processing option. If not specified, the default value is “no”.
parent_component_attribute	<p><b>delimiter:</b> (optional) If a value exists and overwrite is set to “yes” and <i>append</i> is set to either “before” or “after”, the delimiter value will be used to separate the parent and existing value. For example, if delimiter is set to “:” and <i>append</i> to “after”, then the attribute value would be existing_value:parent_value. If not specified, then no delimiter will be used to separate the values.</p> <p><b>append:</b> (optional) If a value exists on the component and if override is set to “yes”, then this argument will determine how the parent attribute value is appended to the existing value. The default value is “overwrite”.</p> <p><b>overwrite:</b> (optional) If an attribute value exists, this will determine whether that value is overwritten. If not specified, the default is “yes” to override.</p>

## APIs

The following APIs have been added for Vasont ST 2.15.

- f\_complete\_review\_editing
- f\_complete\_reviewer\_session
- f\_dynamic\_index\_build
- f\_generate\_review\_merge\_file
- f\_get\_app\_ini\_file\_path
- f\_get\_app\_path
- f\_get\_ownership\_groups
- f\_get\_review\_load\_flag
- f\_get\_review\_merge\_file
- f\_get\_reviewer\_info
- f\_ownership\_extension\_active
- f\_set\_ownership\_group
- f\_set\_username
- f\_submit\_reviewer\_changes



## Software Fixes

The following issues have been fixed for Vasont ST 2.15.

### Vasont

- **Conrefs from Content with Ownership Applied**  
Fixed the situation where conrefs could not be created using drag and drop when the target component resided in a primary that had content ownership applied.
- **Resaved Modular Workspaces**  
Fixed the situation where a saved workspace that included navigator windows via Open Modular Content would re-open the modular navigator windows with only the modular content related to the source primary. The issue occurred when the windows opened from the workspace were saved into a new workspace. This caused the modular navigator windows to mistakenly retrieve all primaries when opening the workspace instead of the modular primaries.

### Vasont Administrator

- **Edit View Batch Copy Message**  
The process has been altered to present a single occurrence of the “Copy completed successfully” message, regardless of the number of target collections updated.

### Vasont Universal Integrator

- **Friendly User Name**  
Fixed the issue where the VUI was not correctly using the “Friendly” user name to retrieve data from the system.
- **VUI Create New from Navigator**  
Fixed the issue where the VUI Navigator would hang when performing a Create New action from the right-click menu. The problem only occurred when the rule\_relation\_ids (auto-assigned numbers in the Vasont Administrator) exceeded a threshold of 64,000.
- **Track Changes State**  
Fixed the situation where the Track Changes behavior was forced on when opening a document in the XML editor.

### Processing Options

- **load\_other\_view**  
This processing option will now support the Sub-Component Load flag when set to “yes” on the load view that has this processing option applied. In this scenario, the load view structure that is referenced will be used to determine which sub-components are allowed to be loaded.
- **doctype\_master\_entity\_declarations**  
Fixed the situation where declarations were not properly created.
- **restrict\_attribute\_values**  
Fixed the situation where attribute values were not properly displayed for the trigger attribute.
- **xslt\_transform\_load**  
Fixed the problem with the argument *strip\_dtd\_and\_entity\_declaration*, where it correctly removed the doctype declaration, but incorrectly removed the character immediately preceding the document type when set to “yes”.



# Release ST 2.15.1

## Software Fixes

The following issues have been fixed for Vasont ST 2.15.1.

### **Vasont**

- **Fast Extract BLOBs Failed to Extract**

Fixed the situation where the fast\_extract\_from\_blob processing option was extracting empty files when an up-to-date BLOB was found.

### **Vasont Universal Integrator**

- **VUI Extracts with ref\_extract Prompt for Filename**

Fixed the problem where an extract through the VUI did not handle the extract of modular content seamlessly. When referenced content was encountered and the ref\_extract processing option was applied in the configuration, then a window would display for naming the extracted module file and stop the extract process.