

Server-Side Memory Allocation

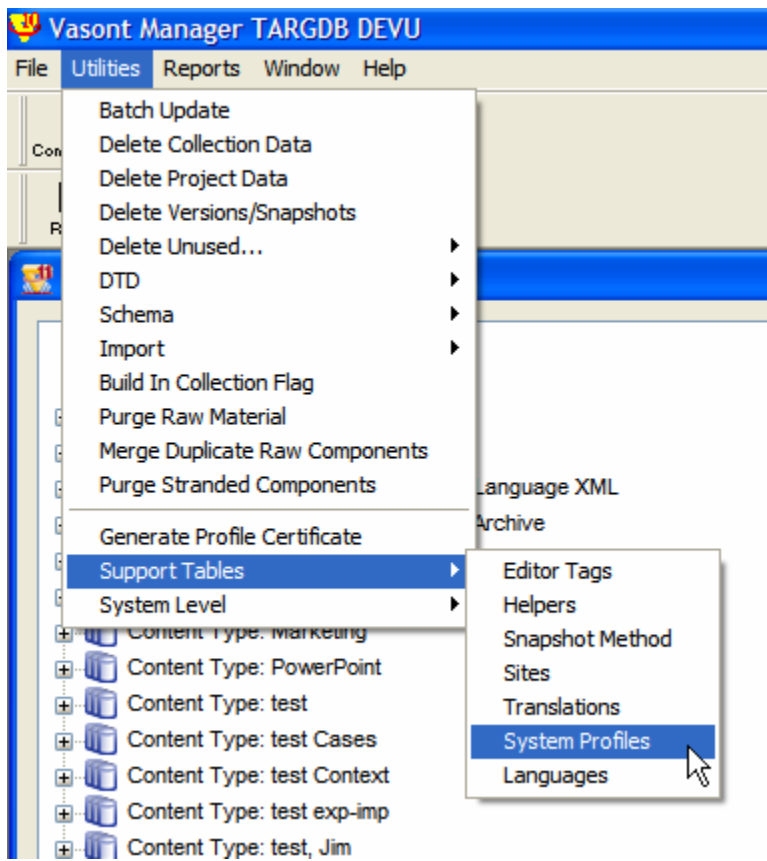
Overview

When using server-side processing (e.g. Server Load), clients have reported out of memory errors when XML files are very large or complex. The following feature has been added to Vasont 11, which will enable the administrator to control the Java memory allocation on the Oracle server that is given to server side processes.

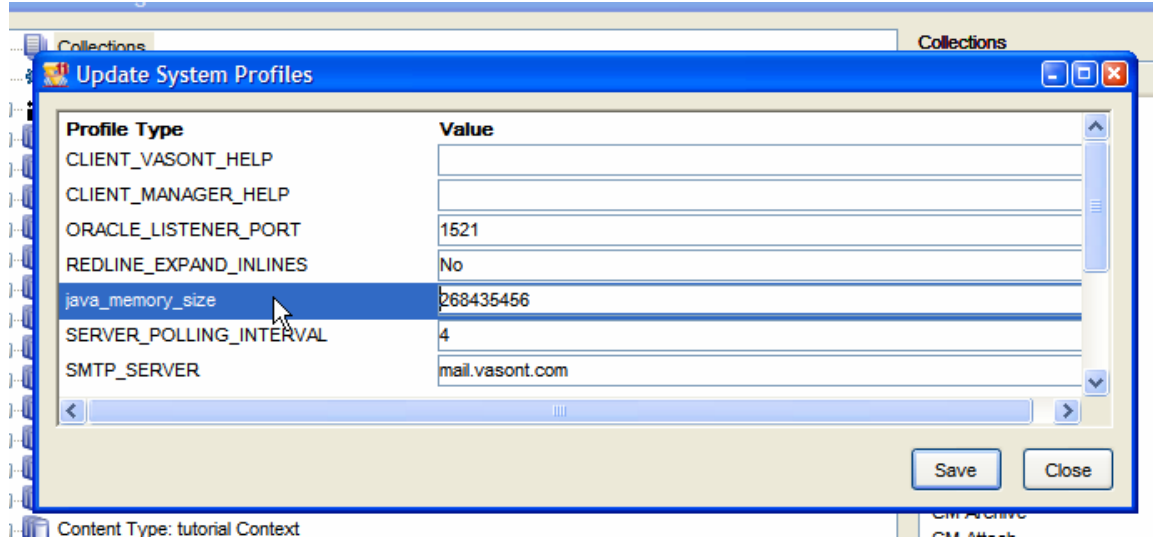
Vasont Administrator Setup

Vasont Systems has modified server-side processing to add memory adjustment functionality. By default, Vasont will set max JVM memory at the beginning of each load to 256MB or Oracle's default; whichever is larger.

The client's Vasont administrator can adjust this maximum by going into the Vasont Administrator and modify a System Profile value. Here is how to get to the System Profile window:



And here is where to set the value:



The profile type is **java_memory_size** and the value represents the maximum number of bytes to allocate to the Oracle JVM during load operations. The value should be set to numbers larger than 268,435,456 (which seems to be the default JVM size in Oracle 10g on Windows Server). Values lower than the Oracle default will be ignored. Use this profile only to **INCREASE** JVM memory allocation.