

Configuring Maximum Database Size in Autodesk Content Service

Overview

This document describes the steps needed to configure the Maximum Database Size in Autodesk Content Service after installing Hot Fix 2. These changes are required only if your Content Service installation has failed to start/restart and you've witnessed the following error in the log: "The database file is larger than the configured maximum database size. This setting takes effect on the first concurrent database connection only."

At a high level, the following steps need to be taken to apply this fix:

1. Make sure the Content Service is stopped.
2. Update the service's configuration file to increase the MaxDatabaseSize for the database connection.
3. Restart the service.

Detail

The following are explicit directions for making this configuration change:

1. Make sure the Content Service is stopped.
 - a. Open the Windows Services Management Console (Start > Run > "services.msc").
 - b. Find the entry for "Autodesk Content Service".
 - c. Validate that the "Status" column is blank.
 - d. If it is not blank, right-click on the entry and select "Stop".
2. Update the service's configuration file to increase the MaxDatabaseSize for the database connection.
 - a. Within the installation directory, locate the Connect.Service.ContentService.exe.config file and open it with a text editor (Notepad is fine).
 - b. Locate the //configuration/Connect/MetaStore/Database element. It should look like this (note that the "Path" value will be different):

```
<!-- meta store configuration -->
<MetaStore>
  <!-- location of SQL compact db -->
  <Database Path="C:\ProgramData\Autodesk\Content Service\Server\ContentServiceDB"
    Name="Connect.MetaStore.sdf" />
```

- c. Add 'MaxDatabaseSize="1024"' to the Database element. Please note that this is a case-specific string. The entry should now look like this:

```
<!-- meta store configuration -->
<MetaStore>
  <!-- location of SQL compact db -->
  <Database Path=" C:\ProgramData\Autodesk\Content Service\Server\ContentServiceDB"
    Name="Connect.MetaStore.sdf" MaxDatabaseSize="1024"/>
```

The value here represents the maximum size in MB that the database file can grow to. We are increasing it from the default value of 256 MB. Conservatively, the Content Service creates approximately 2.5 KB of data in the database file for each file or folder indexed by the service. At this rate the default value is sufficient for datasets up to about 102,000 combined files and folders. An updated maximum size of 1024 MB should be sufficient for about 408,000 combined files and folders. If for some reason this is not enough, the value can be increased to a maximum of 4096.

d. Save the file.

Note: If you get an error saying you don't have permissions to save the file, you will need to run Notepad as an Administrator. To do this, go to Start > Accessories > Notepad, then right click and select "Run as administrator". When Notepad opens, open the `Connect.Service.ContentService.exe.config` via the File > Open dialog.

3. Restart the service.

- a. Return to the Windows Services Management Console.
- b. Right click on the "Autodesk Content Service" entry and select "Start".
- c. A dialog box with a progress bar should pop up as the service is starting. Once the service starts the dialog should disappear and the "Autodesk Content Service" entry in the console will now have a status of "Started".