

Increase Dynamic Parameter List of Values in Crystal Reports

Description:

How do I increase the dynamic parameter list of values in Crystal Reports?

Solution:

By default Crystal Reports will only scan 1,000 records to return a list of values. To increase the values being scanned you will need to modify the registry.

Please note that making changes to your registry can have serious consequences if not done correctly. Make sure to use extreme caution when modifying your registry settings and only do so if you are comfortable making these changes.

To modify the registry setting:

1. Run REGEDIT (Microsoft Registry Editor)
2. In the Registry navigate to the corresponding path of your product:
 - Crystal Reports 2008:
 - 32bit version of MS Windows:
[HKEY_LOCAL_MACHINE\SOFTWARE\Business Objects\Suite 12.0\Crystal Reports\DatabaseOptions](#)
 - 64bit version of MS Windows:
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Business Objects\Suite 12.0\Crystal Reports\DatabaseOptions](#)
 - Crystal Reports 2011, 2013, 2016, 2020:
 - 32bit version of MS Windows:
[HKEY_LOCAL_MACHINE\SOFTWARE\SAP BusinessObjects\Suite XI 4.0\Crystal Reports\DatabaseOptions](#)
 - 64bit version of MS Windows:
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP BusinessObjects\Suite XI 4.0\Crystal Reports\DatabaseOptions](#)

- Crystal Reports for Visual Studio 2010:
 - 32bit version of MS Windows:
HKEY_LOCAL_MACHINE\SOFTWARE\SAP BusinessObjects\Crystal Reports for .NET Framework 4.0\Crystal Reports\DatabaseOptions
 - 64bit version of MS Windows:
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP BusinessObjects\Crystal Reports for .NET Framework 4.0\Crystal Reports\DatabaseOptions

- SAP BusinessObjects Enterprise XI 3.1:
 - 32bit version of MS Windows:
HKEY_LOCAL_MACHINE\SOFTWARE\Business Objects\Suite 12.0\Crystal Reports\DatabaseOptions
 - 64bit version of MS Windows:
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Business Objects\Suite 12.0\Crystal Reports\DatabaseOptions

- SAP BusinessObjects Business Intelligence Platform 4.x:
 - 64bit version of MS Windows:
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP BusinessObjects\Suite XI 4.0\Crystal Reports\DatabaseOptions

3. Create a new Key called 'LOV'. To create a new key, right click on DatabaseOptions, choose NEW-> KEY. Type 'LOV'

4. Create a new String value called 'MaxRowsetRecords'. To create this value, right click on LOV, choose NEW->STRING VALUE. Type 'MaxRowsetRecords'.

5. Set the MaxRowsetRecords to the maximum number of records you would like Crystal to search in order to return the desired result set. Note that this is not the number of values to display, it is the number of records to search. If you have 100,000 records in your database then you will want to enter 100,000. To set the value, right click on 'MaxRowsetRecords', choose Modify, set the Value data to 100,000 (or whatever the maximum number you would like).

Note that the higher the value of records to search will decrease the performance of Crystal Reports when refreshing the report.

6. Restart Crystal Reports for the changes to take effect. For Business Objects Enterprise, restart the Server Intelligent Agent (SIA).