



eChange TECHNICAL SUPPORT

Topic:

Fixing Advanced Search function in AutoCAD 2000i, and 2002

Product/Version: eChange 3.0 – 3.03

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Symptoms:

Using AutoCAD 2000i, or 2002, and accessing the Advanced Search when opening a file from the vault causes exception errors, and ultimately fails.

Cause:

The cause of this problem is the manner in which the eChange connector instantiates the VBA Runtime environment

Resolution:

There is a workaround that fixes the problem by forcing AutoCAD to initialize the VBA environment before using the connector functionality. This can be done manually in each session by going to Tools/Macro/VBA Manager and then just closing the VBA Manager, or it can be fixed permanently by doing the following:

Create an AutoCAD script file called "startup.scr" and place it into the AutoCAD 2000i program directory (e.g. "C:\Program Files\AutoCAD 2000i"). The file should be a simple text file containing the following line:

```
arx load acadvba.arx
```

Make sure there is a carriage return at the end of this line in the file. Modify the "Target" of the shortcut that you use to start AutoCAD to include a /b switch that loads this script. The new Target should look something like this:

```
"C:\Program Files\AutoCad 2000i\acad.exe" /b "startup.scr"
```

Make sure that the "Start In" directory of the shortcut is where the startup.scr file is located. Otherwise you will need to include the full path to the script file in the switch parameter.

There may already be other switches in the target if you are using some additional AutoCAD modules, such as Mechanical Desktop. Be sure to preserve those other switches and simply add the /b switch onto the end of the target.

Comments:

This problem is resolved in eChange version 3.1.

Keywords:

Connector, Advanced Search, AutoCAD 2000i, AutoCAD 2002