
Subject: IDL 7.0.1 update to improve Analyzing Code performance

Posted by [bokubo](#) on Wed, 19 Dec 2007 17:54:06 GMT

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An update to the IDL 7.0 Workbench is now available on the ITT VIS workbench update site. The IDL 7.0.1 update provides a patch to the IDL Workbench that significantly speeds up the IDL code parser. When the IDL Workbench starts, it needs to parse all PRO code on your IDL path, to enable syntax highlighting, the outline view, content assist, hover help, and open declaration. This parsing happens in a background thread, but if you have a single CPU, or you have a large number of files on your path, or have files out on a network drive, then you might have experienced some slowdown in the IDL user interface. With the update to IDL 7.0.1, the parsing speed should be about 4 times faster, with even greater speed if your files are on a network drive. In addition, the status bar now provides a percent complete for the Analyzing Code job, which gives you a visual indication of how quickly it will finish.

To install the update, do the following steps:

1. Log in as an administrator (or root), or ensure that you have write permission to the IDL7.0 install directory on your machine.
2. Open up the IDL Workbench application, and go under "Help->Software Updates->Find and Install..." menu item.
3. Once the Wizard appears (it may take a few moments), select "Search for updates of the currently installed features", then click "Finish". If a dialog appears about "Update Site Mirrors", be sure to select "Automatically select mirrors" and then "OK".
4. After a few minutes (it needs to search both the ITT VIS and Eclipse web sites), you should see a list of available updates. Be sure to **select** the "ITT VIS->Workbench Updates->IDL Development Tools 7.0.1". Be sure to **deselect** all Eclipse Project Updates.
5. Click "Next", accept the license, then "Next", then "Finish".
6. When the Feature Verification dialog appears, just click "Install All".
7. Restart the IDL Workbench.

Verify the installation:

To verify that the install was successful, when the IDL Workbench starts, the "Analyzing Code" job in the status bar should now report a percent complete. As another test, bring up the "About IDL Workbench" dialog. Note that the IDL version is still 7.0.0. However, if you then click on "Feature Details", you should see that the IDL Workbench feature is now version 7.0.1.

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