Getting the Photran 4.0 Sources from CVS

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BEFORE YOU BEGIN: Make sure you are running Eclipse 3.3 and a Java 5 or later JVM.

Part I. Check out the CDT 4.0.1 sources from CVS

If you already have CDT 4.0.1 installed and do not need to edit the CDT source code, Part I can be skipped.

1. In Eclipse, switch to the CVS Repository Exploring perspective.

2. Right-click the CVS Repositories view; choose New, Repository Location

3. In the dialog box, enter the following information, then click Finish:

Host name:	dev.eclipse.org
Repository path:	/cvsroot/tools
Username:	anonymous
Password:	(no password)
Connection type:	pserver

4. Right-click on :pserver:anonymous@dev.eclipse.org:/cvsroot/tools, and choose Refresh Branches...

5. In the dialog box, scroll down, check the box next to org.eclipse.cdt, and click Finish. When prompted, click on Search Deeply. You may have to wait for a few minutes for processing to complete and the dialog to disappear.

6. Now, in the CVS Repositories view

   - Expand ":pserver:anonymous@dev.eclipse.org:/cvsroot/tools"
   - Then expand "Versions"
   - Then expand "org.eclipse.cdt CDT_4_0_1"
   - Then expand "all"

7. Click on the first entry under "all" (it should be org.eclipse.cdt), then shift-click on the last entry under "all" (it should be org.eclipse.cdt-feature). All of the intervening plug-ins should now be selected. Right-click on any of the selected plug-ins, and select Check Out from the pop-up menu. (Check out will take several minutes.)

8. You now have the CDT source code. Make sure it compiles successfully (lots of warnings, but no errors).

Part II. Check out the Photran sources from CVS

9. In Eclipse, switch to the CVS Repository Exploring perspective.

10. Right-click the CVS Repositories view; choose New, Repository Location

11. Enter the following information, then click Finish:
If you are a Photran committer:
Host name:	dev.eclipse.org
Repository path:	/cvsroot/technology
Username/passwd:	(your eclipse.org committer username and password)
Connection type:	extssh

Otherwise:
Host name:	dev.eclipse.org
Repository path:	/cvsroot/technology
Username:	anonymous
Password:	(no password)
Connection type:	pserver

12. Expand the node for dev.eclipse.org:/home/technology, then expand HEAD (in the CVS Repositories view), then expand org.eclipse.photran

13. Check out the following projects under org.eclipse.photran:

- org.eclipse.photran.cdtinterface
- org.eclipse.photran.core
- org.eclipse.photran.core.vpg
- org.eclipse.photran.core.vpg.tests
- org.eclipse.photran.core.vpg.tests.failing
- org.eclipse.photran.errorparsers.xlf
- org.eclipse.photran.intel-feature
- org.eclipse.photran.managedbuilder.core
- org.eclipse.photran.managedbuilder.gnu.ui
- org.eclipse.photran.managedbuilder.intel.ui

- org.eclipse.photran.managedbuilder.ui
- org.eclipse.photran.managedbuilder.xlf.ui
- org.eclipse.photran.ui
- org.eclipse.photran.ui.vpc
- org.eclipse.photran-dev-docs
- org.eclipse.photran-feature

(The debug and launch plug-ins are not part of Photran 4.0 and will not compile. The analysis and refactoring plug-ins have been deprecated; they do not contain any files, since that functionality is in the VPG plug-ins.)

The sources should all compile (albeit with lots of warnings).

Note. *Some JUnit tests for the parser and refactoring engine require closed-source code that is not available in CVS. A warning will appear in the JUnit runner if this code is not available.*