Getting the Photran 3.0 Sources from CVS

Part I. Check out the CDT sources from CVS

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

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

3. Enter the following information, then click Finish:
Host name:	dev.eclipse.org
Repository path:	/cvsroot/tools
Connection type:	pserver
Username:	anonymous
Password:	(no password)

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

5. Select the following, and click OK:

   - org.eclipse.cdt-build
   - org.eclipse.cdt-core
   - org.eclipse.cdt-doc
   - org.eclipse.cdt-debug
   - org.eclipse.cdt-launch

   When prompted, tell it to Search Deeply.

6. Expand :pserver:anonymous@dev.eclipse.org:/cvsroot/tools, and then expand Versions (in the CVS Repositories view)

7. Under org.eclipse.cdt-build, expand org.eclipse.cdt-build CDT_3_0

8. Right click and check out all of the org.eclipse.cdt.* packages EXCEPT for the ones ending in "tests" (why bother testing?)

9. Do the same with org.eclipse.cdt-core, org.eclipse.cdt-debug, org.eclipse.cdt-doc, and org.eclipse.cdt-launch

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

Part II. Check out the Photran source and the CDT patches

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

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

13. Enter the following information, then click Finish:

	Host name:	dev.eclipse.org
	Repository path:	/cvsroot/technology
	Connection type:	extssh
	Username/passwd:	(your eclipse.org committer username and passwor
If you are a Photran committer:	*Otherwise:* Host name:	dev.eclipse.org
	Repository path:	/cvsroot/technology
	Connection type:	pserver
	Username:	anonymous
	Password:	(no password)

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

15. Right-click and check out all of the projects under org.eclipse.photran EXCEPT org.eclipse.photran-parser. You only need this project if you will be regenerating the parser from the grammar. (The parser is included in the org.eclipse.photran.core plug-in as a JAR file. This way, the parser does not have to be recompiled every time you rebuild Photran.)

    The sources will NOT compile at this point; you must complete the following...

Part III. Patch the CDT sources

16. Go to a bash prompt. Change to your Eclipse workspace directory (the one containing all of the org.eclipse.cdt and org.eclipse.photran projects).

17. `cd org.eclipse.photran-misc/photran30-cdt30-patches`

18. Run ./install

19. Go back into Eclipse. Refresh all of the org.eclipse.cdt packages. (Click the first, shift-click the last, right-click, choose Refresh.)

    The sources should all compile (albeit with about 640 warnings).

Note. *Committers working on the parser or refactoring engine should have access to /usr/local/cvsroot on brain.*