



Device Debugging DSF, MI, and GDB components Move Review

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Reasons for Move

- DSF framework is a new generation API for integrating debuggers with Eclipse. This new framework will allow CDT users to develop more feature rich and more efficient debuggers.
- GDB and MI components are the exemplary implementation of the DSF framework. They support the latest features in GDB (non-stop and multi-process debugging), which are not supported by the existing GDB integration in CDT.
- For both of these technologies, moving to the CDT project will increase their exposure to end users and allow more developers to contribute to it.



Move Plan - Components

- Three components will be moved out of the DSDP/DD project:
 - DSF
 - MI
 - GDB
- Two corresponding components will be created in the CDT project. These components were agreed to during the last CDT Summit (<http://wiki.eclipse.org/CDT/summitfall2008>).
 - DSF
 - DSF-GDB (combining MI and GDB)



Move Plan - Committers

■ DSF component

- Pawel Piech (Wind River)
- Marc Khouzam (Ericsson)
- Randy Rohrbach (Wind River)
- Ted Williams (Wind River)
- Anton Leherbauer (Wind River) – Already a committer on CDT project

■ MI and GDB components

- Pawel Piech (Wind River)
- Marc Khouzam (Ericsson)
- Francois Chouinard (Ericsson)
- Randy Rohrbach (Wind River)

Move Plan - CVS



- Main directory for DSF, MI, and GDB components is:
/cvsroot/dsdp/org.eclipse.dd.dsf. The corresponding directory in CDT will be
/cvsroot/tools/org.eclipse.cdt-dsf. The plugins, features, and tests sub-directories
would be maintained.
- Plugins and features are to be renamed as follows
 - org.eclipse.dd.dsf -> org.eclipse.cdt.dsf
 - org.eclipse.dd.dsf.ui -> org.eclipse.cdt.dsf.ui
 - org.eclipse.dd.dsf.debug -> org.eclipse.cdt.dsf (combine)
 - org.eclipse.dd.dsf.debug.ui -> org.eclipse.cdt.dsf.ui (combine)
 - org.eclipse.dd.mi -> org.eclipse.cdt.dsf.gdb
 - org.eclipse.dd.gdb -> org.eclipse.cdt.dsf.gdb (combine)
 - org.eclipse.dd.gdb.ui -> org.eclipse.cdt.dsf.gdb.ui
 - org.eclipse.dd.examples.dsf -> org.eclipse.cdt.examples.dsf
 - org.eclipse.dd.examples.pda -> org.eclipse.cdt.examples.pda
 - org.eclipse.dd.examples.pda.ui -> org.eclipse.cdt.examples.pda.ui
 - org.eclipse.dd.doc.dsf -> (contents moved to web site)
 - org.eclipse.dd.tests.dsf -> org.eclipse.cdt.tests.dsf
 - org.eclipse.dd.tests.gdb -> org.eclipse.cdt.tests.dsf.gdb
 - org.eclipse.dd.sdk-feature -> org.eclipse.cdt.dsf-feature
 - org.eclipse.dd.gdb-feature -> org.eclipse.cdt.dsf.gdb-feature
 - org.eclipse.dd.gdb_launch-feature -> org.eclipse.cdt.dsf.gdb-feature (combine)
 - org.eclipse.dd.dsf.examples-feature -> org.eclipse.cdt.dsf.examples-feature
 - org.eclipse.dd.dsf.tests-feature -> org.eclipse.cdt.dsf.tests-feature



Move Plan - Bugzilla

- Open and relevant bugs in DSDP/DD will be moved to the Tools/CDT project. The bugzilla components map as follows:
 - DSF -> DSF
 - MI -> DSF-GDB
 - GDB -> DSF-GDB (combine)
- Resolved bugs will remain in the DD project for reference.



Move Plan – Web Site

- New and noteworthy for DD 1.1 will be copied to the CDT web site for reference.
- Tutorials currently in the org.eclipse.dd.doc.dsfc plugin will be moved to the CDT web site.



Move Plan - Wiki

- Bugzilla Process

- DD has a more stringent process for managing bugs than CDT. As part of the move, the CDT bug process will be updated with what was agreed to during the last CDT summit: <http://wiki.eclipse.org/CDT/summitfall2008>.
- DD bug process page will be copied to CDT Wiki and updated.

- Testing Process

- DD includes a manual test plan and log of tests performed at each milestone. The manual test plan for relevant components will be copied to CDT and a Test Signup page will be created in CDT Wiki.