# CDT Overview

The C/C++ Development Toolkit (CDT) is a set of Eclipse plug-ins that provide C and C++ extensions to the Eclipse workbench. For more information about Eclipse, see **Workbench User Guide > Concepts > Workbench**.

The CDT provides a C/C++ IDE that simplifies many of the same tools that you can use from the command line. The CDT can also communicate with many external utilities and interpret their responses, for example:

* Build (such as make).
* Compile (such as gcc). For more information, see <http://gcc.gnu.org>.
* Debug (such as gdb). For more information, see <http://sources.redhat.com/gdb/>.

**Note:**  while make, gcc and gdb are the examples used in the documentation, virtually any similar set of tools or utilities could be used.

The CDT opens as the C/C++ perspective of the Eclipse workbench. The C/C++ perspective consists of an editor and the following views:

Project ExplorerShows all of the file system's files under your workspace directory. ConsoleDisplays your program's output, as well as the output from your build and external tool chain. EditorThe C/C++ editor view provides specialized features for editing C/C++ related files. Make TargetsEnables you to select the make targets you want to build in your workspace. OutlineDisplays the structure of the file currently open in an editor. Problems ViewIf you encounter any errors during a build they will be displayed in the Problems view. PropertiesShows the attributes of the item currently selected in a view or an editor. SearchShows the results of searches for files or text. Tasks Lists tasks that you want to keep track of, either as a schedule of things to do or a history of things that have been done.

For more information, see **Workbench User Guide > Concepts > Perspectives**.

### CDT updates

The **Install/Update** wizard provides information about your current Eclipse installation and provides the framework to manage your updates. For more information, see **Workbench User Guide > Tasks > Updating features with the update manager**.

To view a list of the updates available for the toolsets that you installed, click **Help > Software Updates > New Updates**.

### Additional information

For more information on the Eclipse CDT project, refer to <http://www.eclipse.org/cdt/>:

* [CDT newsgroup](news://news.eclipse.org/eclipse.tools.cdt): The place to ask questions about how to use the CDT.
* [User FAQ](http://wiki.eclipse.org/index.php/CDT/User/FAQ): Provides answers to the most common questions about using the CDT.
* [CDT Wiki](http://wiki.eclipse.org/index.php/CDT): This is the main source for information around CDT.
* [Developer Documentation](http://dev.eclipse.org/viewcvs/index.cgi/%7Echeckout%7E/cdt-home/developer/docs.html?cvsroot=Tools_Project): Provides feature and design specifications for building and extending the CDT.
* [CDT Community Webpage](http://dev.eclipse.org/viewcvs/index.cgi/%7Echeckout%7E/cdt-home/community.html?cvsroot=Tools_Project): Showcases plug-ins and tools developed by and for the CDT Community. If you have tools or plug-ins that you would like to submit to the CDT Community Page, use the CDT Development Mailing List or the Eclipse Tools CDT newsgroup.

### License

The CDT is an open source project and is licensed under the [Eclipse Public License](http://www.eclipse.org/legal/epl-v10.html).



[Working with existing code](http://docs.google.com/getting_started/cdt_w_existing_code.htm)

[What's new](http://docs.google.com/cdt_c_whatsnew.htm)



[Views](http://docs.google.com/reference/cdt_o_views.htm)

