# Tool chain editor preferences (C/C++ Project Properties)

Customizes the toolchain used in your build configuration; it lets you specify which tools the builder needs to include when it builds the project for a specified toolchain and configuration.



**Tool chain editor properties**

| **Configuration** | [Click here for a description.](http://docs.google.com/cdt_u_prop_all.htm) |
| --- | --- |
| **Manage configurations** | [Click here for a description.](http://docs.google.com/cdt_u_prop_all.htm) |
| **Display compatible toolchains only** | When selected, it shows a list of toochains that are only compatible with the current configuration. When this option is not selected, it shows a list of all toolchains known to the Eclipse CDT. A Toolchain is compatible if it can run on given platform. . |
| **Current toolchain** | Indicates the toolchain to use with the current configuration. A toolchain is a set of tools (such as a compiler, linker, and assembler) intended to build your project. Additional tools, such as a debugger, can be associated with a toolchain. There can be several toolchains available, depending on the compilers installed on your system. |
| **Current builder** | Indicates the builder used to build the selected configuration. A builder refers to an external **make** utility, such as GNU make, that the Eclipse CDT uses (and relies on) to build a project. The CDT can generate **makefiles** automatically when you create a Make C or C++ project, or you have the option of creating a C or C++ Make project where you provide the makefile yourself. |
| **Used tools** | Shows a list of tools currently included for the selected toolchain. You can click **Select Tools** to modify this list. |
| **Select Tools** | Opens the Select Tools dialog that lets you add or remove tools from the list of tools for the selected toolchain. |



* [Project Properties, Resource page](http://docs.google.com/cdt_u_prop_resource.htm)
* [Project Properties, Builders page](http://docs.google.com/cdt_u_prop_builders.htm)
* [Project Properties, C/C++ Build category](http://docs.google.com/cdt_u_prop_build.htm)
  + [Discovery options page](http://docs.google.com/cdt_u_prop_build_discovery.htm)
  + [Environment page](http://docs.google.com/cdt_u_prop_build_environment.htm)
  + Settings page
    - [Tool Settings tab](http://docs.google.com/cdt_u_prop_build_settings_tool.htm)
    - [Build Steps tab](http://docs.google.com/cdt_u_prop_build_settings_steps.htm)
    - [Build Artifact tab](http://docs.google.com/cdt_u_prop_build_settings_artifact.htm)
    - [Binary Parsers tab](http://docs.google.com/cdt_u_prop_build_settings_binparser.htm)
    - [Error Parsers tab](http://docs.google.com/cdt_u_prop_build_settings_errparser.htm)
  + [Tool chain editor page](http://docs.google.com/cdt_u_prop_build_toolchain.htm)
  + [Variables page](http://docs.google.com/cdt_u_prop_build_variables.htm)
* Project Properties, [C/C++ General category](http://docs.google.com/cdt_u_prop_general.htm)
  + [Documentation page](http://docs.google.com/cdt_u_prop_general_doc.htm)
  + [File Types page](http://docs.google.com/cdt_u_prop_general_typ.htm)
  + [Indexer page](http://docs.google.com/cdt_u_prop_general_idx.htm)
  + [Language Mapping page](http://docs.google.com/cdt_u_prop_general_lng.htm)
  + Paths and Symbols page
    - [Includes tab](http://docs.google.com/cdt_u_prop_general_pns_inc.htm)
    - [Symbols tab](http://docs.google.com/cdt_u_prop_general_pns_sym.htm)
    - [Libraries path tab](http://docs.google.com/cdt_u_prop_general_pns_libpath.htm)
    - [Source Location tab](http://docs.google.com/cdt_u_prop_general_pns_src.htm)
    - [References tab](http://docs.google.com/cdt_u_prop_general_pns_ref.htm)
* [C/C++ Project Properties, Project References page](http://docs.google.com/cdt_u_prop_ref.htm)
* [C/C++ Project Properties, Refactoring History page](http://docs.google.com/cdt_u_prop_refactoring_history.htm)
* [C/C++ Project Properties, Run/Debug Settings page](http://docs.google.com/cdt_u_prop_rundebug.htm)

