# C/C++ Indexer

The C/C++ indexer uses the parser to create a database of your source and header files that provides the basis for C/C++ search, navigation features and parts of content assist.

The indexer runs on a background thread and reacts to resource change events such as:

* C/C++ project creation/deletion
* Source files creation/deletion
* File imports
* Source file content changes

It is possible to customize the behavior of the indexer through the use of source folders or even turn it off completely. This customizable behavior is available on a per-project basis (i.e. it is possible to have different indexer settings for each project in your workspace).

CDT supports the contribution of additional indexers, with 2 indexers being provided with the default CDT release:

* Fast C/C++ Indexer : provides fastest indexing capabilities - both declarations and cross reference information. This is the recommended indexer.
* Full C/C++ Indexer : provides even more accurate indexing capabilities at the cost of performance - both declarations and cross reference information.



[C/C++ search](http://docs.google.com/cdt_c_search.htm)

[C/C++ Indexer Progress Bar](http://docs.google.com/cdt_c_indexer_prog_bar.htm)



[Selection Searching for C/C++ elements](http://docs.google.com/tasks/cdt_t_sel_search.htm)

[Setting Source Folders](http://docs.google.com/tasks/cdt_t_set_src_fold.htm)



[C/C++ search page, Search dialog box](http://docs.google.com/reference/cdt_u_search.htm)

[C/C++ Project Properties, Indexer](http://docs.google.com/reference/cdt_u_prop_general_idx.htm)

