

Qt Creator fundamentals

([see here for the official manual](#)).

Useful Qt Creator keyboard shortcuts

CTRL-'DEL' - toggle code folding

CTRL-'/' - toggle comment

CTRL-'A'-'I' - auto-indent selected text

CTRL-'TAB' - go to previously selected file

F4 - switch from hpp to cpp or back

SHIFT-'F4' - switch to UI file and back

SHIFT-'F2' - switch between function declaration/definition

CTRL-SHIFT-[UP/DOWN ARROW] - move a selected block of text

CTRL-SHIFT-'B' - build all

CTRL-ALT-'B' - compile current file

ALT-'G'-'C' - git commit

ALT-'ENTER' - list quick fixes

ALT-'ENTER' - list quick fixes; when inheriting abstract base class place cursor next to class name (e.g. class MyClass : public AbstractClass), then select 'Insert Virtual Functions of Base Class'

CTRL-SHIFT-'R' - rename symbol under cursor

ALT-'0' - toggle left pane (usually includes the project explorer)

ALT-SHIFT-'0' - toggle right pane

ALT-'1..9' - toggle tabs on the bottom pane

F1 - context sensitive help; ESC twice to close

CTRL-SHIFT-'V' - shows clipboard stack

CTRL-'M' - toggle bookmark

Use capitals to abbreviate class names and get a list, e.g. QSI gives a drop down including QStandardItem

- Then ALT-'ENTER' for a quick fix to #include the header if not already included

Default quick fix for change to parameter list

Other Qt Creator features

- Command line options - [See also](#)
- Sessions
- Plugins
 - Welcome

- Todo
- Git
- clangd
- Window split
- External tools and shortcuts
- Creator variables [See here for a general discussion](#)
 - Most useful/most often used:
 - `%{ActiveProject:Path}` - root path (where your .pro file lives)
 - `%{ActiveProjectBuildConfig:Path}` - output path for build operations
 - `%{ActiveProjectBuildConfig:Type}` - e.g. release | debug | profile
 - `%{ActiveProject:Name}` - name of the current ActiveProject
 - `%{UUID}` - generate a new UUID
 - `%{CPP:LicenceTemplate}` - licences template from 'Preferences'
 - `%{CurrentDate:Locale}` - date in locale specific format (e.g. 04/04/2024)
 - `%{CurrentDate:ISO}` - date in ISO format (e.g. 2024-04-04)
 - `%{CurrentDate:RFC}` - date in RFC format (e.g. 04 Apr 2024)
 - `%{CurrentTime:Locale}` - time in locale specific format (e.g. 12:12)
 - `%{CurrentTime:ISO}` - time in ISO format (e.g. 12:12:12)
 - `%{CurrentTime:RFC}` - time in RFC format (same as above)