Qt DOCUMENTATION

Extending Qt Creator Manual 6.0.0

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The core of Qt Creator is basically only a plugin loader. All functionality is implemented in plugins. The basis of Qt Creator is implemented in the Core plugin. The plugin manager provides simple means for plugin cooperation that allow plugins to provide hooks for other plugin's extensions.

Libraries

Core Libraries

There are a few core libraries used by many parts of Qt Creator.

Library Name	Description
Aggregation	Adds functionality for *glueing* QObjects of different types together, so you can *cast* between them.
ExtensionSystem	Implements the plugin loader framework. Provides a base class for plugins and basic mechanisms for plugin interaction like an object pool.

Plugins

As already mentioned, Qt Creator is basically only a plugin loader framework which gets its IDE functionality through plugins. The most important plugin is the Core plugin which provides all the basic functionality needed later to integrate e.g. editors or mode windows.

Plugin Name	Description
Core	The core plugin. Provides the main window and managers for editors, actions, mode windows and files, just to mention the most important ones. This plugin also contains classes necessary to hook into the Locator as well as support for searching text in arbitrary widgets.

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