Qt **DOCUMENTATION**

🔍 Search   Topics ❯

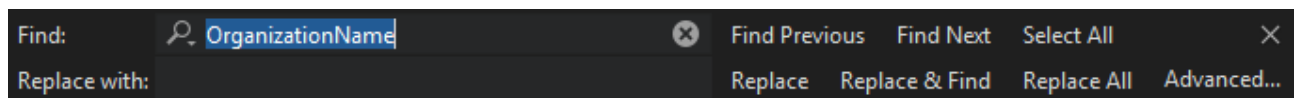Qt Design Studio Manual ❯ Finding and Replacing

Finding and Replacing

To search through the currently open file:

1. Press **Ctrl+F** or select **Edit** > **Find/Replace** > **Find/Replace**.

2. In **Find**, enter the text you are looking for.

| Find: | 🔍 OrganizationName ⊗ | Find Previous | Find Next | Select All | ✕ |
| Replace with: | | Replace | Replace & Find | Replace All | Advanced... |

   If the text is found, all occurrences are highlighted as you type.

3. To go to the next occurrence, click ❯ (**Find Next**), or press **F3**. To go to the previous occurrence click ❮ (**Find Previous**), or press **Shift+F3**.

4. To select all found occurrences in a file, select **Select All**.

You can restrict the search in the **Find** field by selecting 🔍 . Select one or several search criteria:

❯ To make your search case sensitive, select **Case Sensitive**.

❯ To search only whole words, select **Whole Words Only**.

❯ To search using regular expressions, select **Use Regular Expressions**. Regular expressions used in Qt Design Studio are modeled on Perl regular expressions. For more information on using regular expressions, see the documentation for the QRegularExpression Class.

> **Note:** If you have selected text before selecting **Find/Replace**, the search is conducted within the selection.

To replace occurrences of the existing text, enter the new text in the **Replace with** field.

❯ To replace the selected occurrence and move to the next one, click **Find Next** or press **Ctrl+=**.

❯ To replace the selected occurrence and move to the previous one, click **Find Previous**.

❯ To replace all occurrences in the file, click **Replace All**.

The **Preserve Case when Replacing** option can be selected to preserve the case of the original text when replacing. This option is not compatible with the **Use Regular Expressions** search option, and will thus be disabled when regular expressions are used. When the option is used, the case of the occurrence will be conserved, according to the following rules:

❯ All upper-case occurrences are replaced with the upper-case new text.

❯ All lower-case occurrences are replaced with the lower-case new text.

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> Other occurrences are replaced with the new text as entered.

> If an occurrence and the new text have the same prefix or suffix, then the case of the prefix and/or suffix are preserved, and the other rules are applied on the rest of the occurrence only.
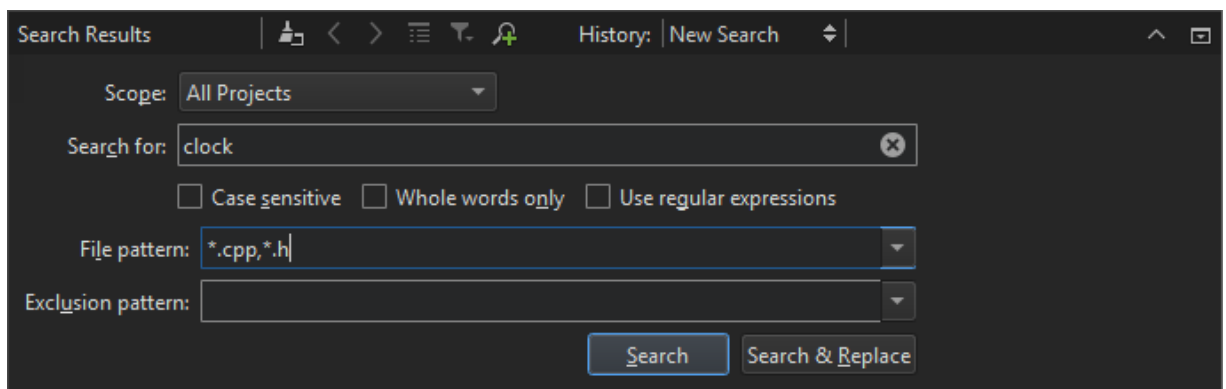
The locations of search hits, breakpoints, and bookmarks in your document are highlighted on the editor scroll bar. To turn highlighting off, select **Edit** > **Preferences** > **Text Editor** > **Display** > **Highlight search results on the scrollbar**.

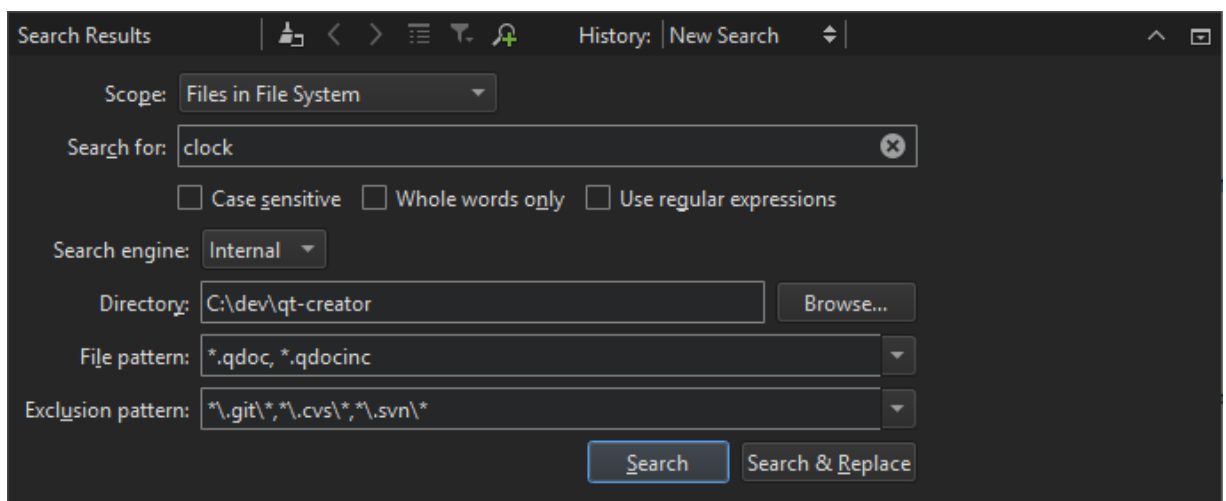To search using more advanced options, select **Advanced**.

Advanced Search

To search through projects, files on a file system, files in all project directories, or currently open files:

1. Press **Ctrl+Shift+F** or select **Edit** > **Find/Replace** > **Advanced Find** > **Open Advanced Find**.

2. Select the scope of your search:

> **All Projects** searches from all currently open projects.

> **Current Project** searches from the project you are currently editing.

> **Files in All Project Directories** searches from all project directories.

> **Files in File System** recursively searches from the selected directory.
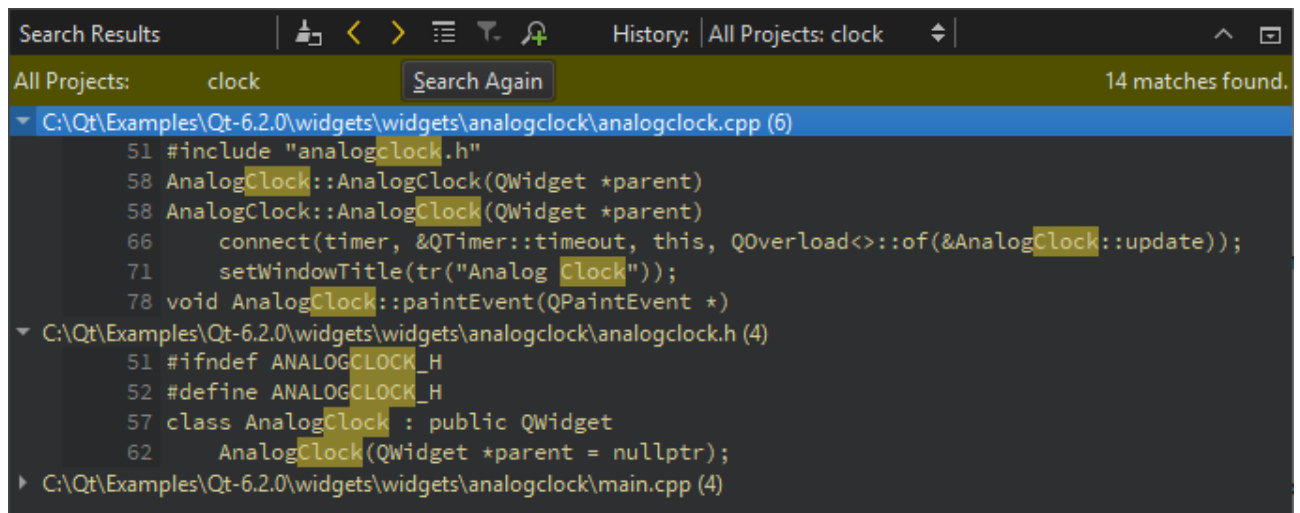

In the **Search engine** field, select the search engine to use:

> Select **Internal** to use the Qt Design Studio search engine.

> Select **Git Grep** to use Git to only search tracked files in the Git work tree. To restrict the search to the HEAD, a tag, a local or remote branch, or a commit hash, enter a reference. Leave the field

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> › **Current File** searches only from the current file.
>
> › **Open Documents** searches from all open files.

3. In the **File pattern** field, specify file patterns to restrict the search to files that match the pattern. For example, to search for a string only in `.cpp` and `.h` files, enter `*.cpp,*.h`.

4. In the **Exclusion pattern** field, specify file patterns to omit files from the search.

5. Enter the text you are looking for and click **Search**.

```
Search Results        ⬆ < > ≡ ⏏ ⌕        History: All Projects: clock    ⬍|              ∧ ▭
All Projects:      clock        Search Again                                    14 matches found.
▼ C:\Qt\Examples\Qt-6.2.0\widgets\widgets\analogclock\analogclock.cpp (6)
    51 #include "analogclock.h"
    58 AnalogClock::AnalogClock(QWidget *parent)
    58 AnalogClock::AnalogClock(QWidget *parent)
    66     connect(timer, &QTimer::timeout, this, QOverload<>::of(&AnalogClock::update));
    71     setWindowTitle(tr("Analog Clock"));
    78 void AnalogClock::paintEvent(QPaintEvent *)
▼ C:\Qt\Examples\Qt-6.2.0\widgets\widgets\analogclock\analogclock.h (4)
    51 #ifndef ANALOGCLOCK_H
    52 #define ANALOGCLOCK_H
    57 class AnalogClock : public QWidget
    62     AnalogClock(QWidget *parent = nullptr);
▶ C:\Qt\Examples\Qt-6.2.0\widgets\widgets\analogclock\main.cpp (4)
```

A list of files containing the searched text is displayed in Search Results.

> › To see all occurrences in a file, double-click the file name in the list.
>
> › To go to an occurrence, double-click it.
>
> › To repeat the search after you have made changes to the listed files, for example, select **Search Again**.

The search results are stored in the search history from which you can select earlier searches.

To clear the search results, select the ⬆ (**Clear**) button.

To expand and collapse the search results, select the **Expand All** button.

To start a new search, select the ⌕ (**New Search**) button.

> **Note:** You can use **Advanced Find** also to search for symbols. For more information, see Finding QML Types.

‹ Finding   Searching with the Locator ›

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