

GIDE

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# Chapter 1

## GIDE (Guilds IDE)

Welcome to GIDE, the Guilds Integrated Development Environment, brought to you by The Nameless Guild!

### 1.1 Overview

GIDE is an ambitious project at its early stages, aiming to provide a robust and feature-rich Integrated Development Environment tailored for the needs of Guilds. Developed using C++ and Qt, GIDE is designed to be a powerful tool that facilitates seamless collaboration, code organization, and efficient development within the Guild ecosystem.

### 1.2 Key Features

- **Fast and Lightweight:** Its aims to be fast and lightweight, as it uses C++ and Qt.
- **Easy Setup:** Will setup environments with a click of a button, and will have many templates to built projects from.
- **Early Stages:** GIDE is in its early stages of development, and we invite you to join us on this exciting journey. Your feedback and contributions are invaluable in shaping the future of GIDE.

### 1.3 Getting Started

To get started with GIDE, follow the steps outlined in our documentation. We encourage you to explore the features, report issues, and contribute to the project's growth.

### 1.4 How to Contribute

- Found a bug? Have an idea for a new feature? [Submit an issue](link-to-issues).
- Want to contribute code? Fork the repository and submit a pull request. We welcome your contributions!

## 1.5 Community and Support

Join the Guild at our [discord server](#) to connect with other developers, ask questions, and share your experiences with GIDE.

## 1.6 License

GIDE is released under the [GNU General Public License v3.0 \(GPL-3.0\)](#). Feel free to use, modify, and distribute the software according to the terms of the license.

Thank you for being a part of The Nameless Guild and GIDE development!

Happy Coding!



## Chapter 2

# Hierarchical Index

### 2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

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Files . . . . .	12
QMainWindow	
MainWindow . . . . .	20
QPlainTextEdit	
GTextEdit . . . . .	14
QSyntaxHighlighter	
Highlighter . . . . .	18
Search . . . . .	22
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## Chapter 3

# Class Index

### 3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

<a href="#">Conversion</a>	11
<a href="#">Files</a>	12
<a href="#">GTextEdit</a>	14
<a href="#">Highlighter</a>	18
<a href="#">MainWindow</a>	20
<a href="#">Search</a>	22
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# Chapter 4

## File Index

### 4.1 File List

Here is a list of all files with brief descriptions:

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<a href="#">mainwindow.cpp</a>	26
<a href="#">mainwindow.h</a>	26
<a href="#">conversion.cpp</a>	29
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## Chapter 5

# Namespace Documentation

### 5.1 Ui Namespace Reference





# Chapter 6

## Class Documentation

### 6.1 Conversion Class Reference

```
#include <conversion.h>
```

Collaboration diagram for Conversion:

Conversion
+ Conversion() + hex() + ascii() + hexToInt() + getStrings()

#### Public Member Functions

- [Conversion](#) ()
- std::string [hex](#) (std::string s)
- std::string [ascii](#) (std::string s)
- int [hexToInt](#) (std::string s)
- std::string [getStrings](#) (std::string s)

#### 6.1.1 Constructor & Destructor Documentation

##### 6.1.1.1 Conversion()

```
Conversion ( )
```

## 6.1.2 Member Function Documentation

### 6.1.2.1 `ascii()`

```
string ascii (  
    std::string s )
```

### 6.1.2.2 `getStrings()`

```
string getStrings (  
    std::string s )
```

### 6.1.2.3 `hex()`

```
string hex (  
    std::string s )
```

### 6.1.2.4 `hexToInt()`

```
int hexToInt (  
    std::string s )
```

The documentation for this class was generated from the following files:

- [conversion.h](#)
- [conversion.cpp](#)

## 6.2 Files Class Reference

```
#include <files.h>
```

Collaboration diagram for Files:



## Public Member Functions

- [Files](#) ()
- [QString read](#) (QString filename)
- void [write](#) (QString filename, QString content)
- [QString getHomeDir](#) ()
- void [openFileManager](#) (QString dir)
- [QString getDirectory](#) (QString filepath)

## 6.2.1 Constructor & Destructor Documentation

### 6.2.1.1 Files()

```
Files ( )
```

## 6.2.2 Member Function Documentation

### 6.2.2.1 getDirectory()

```
QString getDirectory (  
    QString filepath )
```

### 6.2.2.2 getHomeDir()

```
QString getHomeDir ( )
```

### 6.2.2.3 openFileManager()

```
void openFileManager (  
    QString dir )
```

### 6.2.2.4 read()

```
QString read (  
    QString filename )
```

### 6.2.2.5 write()

```
void write (  
    QString filename,  
    QString content )
```

The documentation for this class was generated from the following files:

- [files.h](#)
- [files.cpp](#)

## 6.3 GTextEdit Class Reference

```
#include <gtextedit.h>
```

Inheritance diagram for GTextEdit:



Collaboration diagram for GTextEdit:



### Public Member Functions

- [GTextEdit](#) (QWidget \*parent=0)
- QString [getFilepath](#) ()
- QString [getFileType](#) ()
- void [setFilePath](#) (QString newFilepath)
- void [setFileType](#) (QString newFileType)
- void [setHighlighter](#) (Highlighter \*h)
- void [setHighlighterTheme](#) (QString theme)
- void [selectLine](#) ()
- void [selectWord](#) ()
- QString [lineUnderCursor](#) ()
- QString [wordUnderCursor](#) ()
- void [deleteLine](#) ()
- void [deleteWord](#) ()
- void [joinLines](#) ()
- void [swapLineUp](#) ()
- void [swapLineDown](#) ()
- void [toggleComment](#) ()

## Protected Member Functions

- virtual void [keyPressEvent](#) (QKeyEvent \*e)

## 6.3.1 Constructor & Destructor Documentation

### 6.3.1.1 GTextEdit()

```
GTextEdit (
    QWidget * parent = 0 )
```

## 6.3.2 Member Function Documentation

### 6.3.2.1 deleteLine()

```
void deleteLine ( )
```

### 6.3.2.2 deleteWord()

```
void deleteWord ( )
```

### 6.3.2.3 getFilepath()

```
QString getFilepath ( )
```

### 6.3.2.4 getFileType()

```
QString getFileType ( )
```

### 6.3.2.5 joinLines()

```
void joinLines ( )
```

### 6.3.2.6 keyPressEvent()

```
void keyPressEvent (
    QKeyEvent * e ) [protected], [virtual]
```

### 6.3.2.7 lineUnderCursor()

```
QString lineUnderCursor ( )
```

**6.3.2.8 selectLine()**

```
void selectLine ( )
```

**6.3.2.9 selectWord()**

```
void selectWord ( )
```

**6.3.2.10 setFilePath()**

```
void setFilePath (
    QString newFilepath )
```

**6.3.2.11 setFileType()**

```
void setFileType (
    QString newFileType )
```

**6.3.2.12 setHighlighter()**

```
void setHighlighter (
    Highlighter * h )
```

**6.3.2.13 setHighlighterTheme()**

```
void setHighlighterTheme (
    QString theme )
```

**6.3.2.14 swapLineDown()**

```
void swapLineDown ( )
```

**6.3.2.15 swapLineUp()**

```
void swapLineUp ( )
```

**6.3.2.16 toggleComment()**

```
void toggleComment ( )
```

### 6.3.2.17 wordUnderCursor()

```
QString wordUnderCursor ( )
```

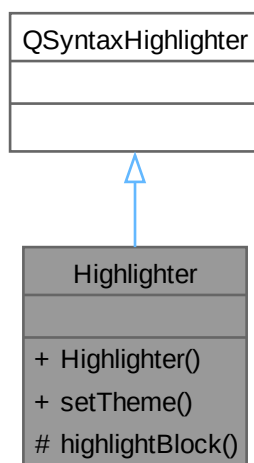
The documentation for this class was generated from the following files:

- [gtextedit.h](#)
- [gtextedit.cpp](#)

## 6.4 Highlighter Class Reference

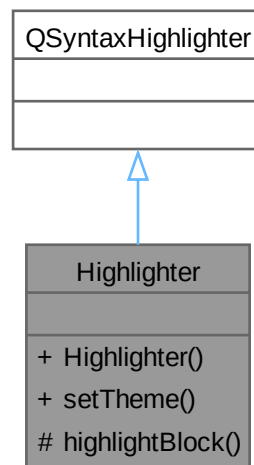
```
#include <highlighter.h>
```

Inheritance diagram for Highlighter:





Collaboration diagram for Highlighter:



### Public Member Functions

- [Highlighter](#) (`QString filetype`, `QString theme`, `QTextDocument *parent=0`)
- void [setTheme](#) (`QString filetype`, `QString theme`)

### Protected Member Functions

- void [highlightBlock](#) (`const QString &text`)

## 6.4.1 Constructor & Destructor Documentation

### 6.4.1.1 Highlighter()

```

Highlighter (
    QString filetype,
    QString theme,
    QTextDocument * parent = 0 )
  
```

## 6.4.2 Member Function Documentation

### 6.4.2.1 highlightBlock()

```

void highlightBlock (
    const QString & text ) [protected]
  
```

#### 6.4.2.2 setTheme()

```
void setTheme (
    QString filetype,
    QString theme )
```

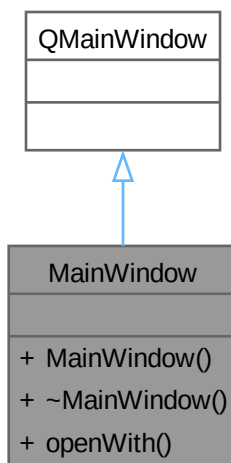
The documentation for this class was generated from the following files:

- [highlighter.h](#)
- [highlighter.cpp](#)

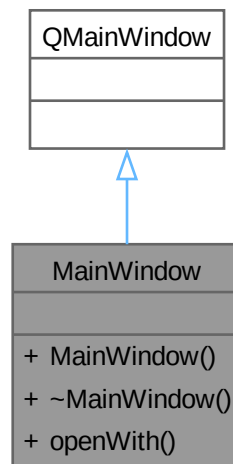
## 6.5 MainWindow Class Reference

```
#include <mainwindow.h>
```

Inheritance diagram for MainWindow:



Collaboration diagram for MainWindow:



### Public Member Functions

- [MainWindow](#) (`QWidget *parent=0`)
- [~MainWindow](#) (`()`)
- void [openWith](#) (`QString`)

## 6.5.1 Constructor & Destructor Documentation

### 6.5.1.1 MainWindow()

```
MainWindow (
    QWidget * parent = 0 ) [explicit]
```

### 6.5.1.2 ~MainWindow()

```
~MainWindow ( )
```

## 6.5.2 Member Function Documentation

### 6.5.2.1 openWith()

```
void openWith (
    QString file )
```

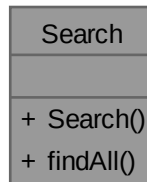
The documentation for this class was generated from the following files:

- [mainwindow.h](#)
- [mainwindow.cpp](#)

## 6.6 Search Class Reference

```
#include <search.h>
```

Collaboration diagram for Search:



### Public Member Functions

- [Search](#) ()
- `std::string` [findAll](#) (`std::string` searchTerm, `std::string` content)

### 6.6.1 Constructor & Destructor Documentation

#### 6.6.1.1 Search()

```
Search ( )
```

### 6.6.2 Member Function Documentation

#### 6.6.2.1 findAll()

```
std::string findAll (  
    std::string searchTerm,  
    std::string content )
```

The documentation for this class was generated from the following files:

- [search.h](#)
- [search.cpp](#)

## 6.7 Templates Class Reference

```
#include <templates.h>
```

Collaboration diagram for Templates:



### Public Member Functions

- [Templates](#) ()
- QString [getAsmTemplate](#) ()
- QString [getCTemplate](#) ()
- QString [getCPPTemplate](#) ()
- QString [getHtmlTemplate](#) ()
- QString [getJavaTemplate](#) ()
- QString [getCSSTemplate](#) ()

### 6.7.1 Constructor & Destructor Documentation

#### 6.7.1.1 Templates()

```
Templates ( )
```

### 6.7.2 Member Function Documentation

#### 6.7.2.1 getAsmTemplate()

```
QString getAsmTemplate ( )
```

**6.7.2.2 getCPPTemplate()**

```
QString getCPPTemplate ( )
```

**6.7.2.3 getCSSTemplate()**

```
QString getCSSTemplate ( )
```

**6.7.2.4 getCTemplate()**

```
QString getCTemplate ( )
```

**6.7.2.5 getHtmlTemplate()**

```
QString getHtmlTemplate ( )
```

**6.7.2.6 getJavaTemplate()**

```
QString getJavaTemplate ( )
```

The documentation for this class was generated from the following files:

- [templates.h](#)
- [templates.cpp](#)

# Chapter 7

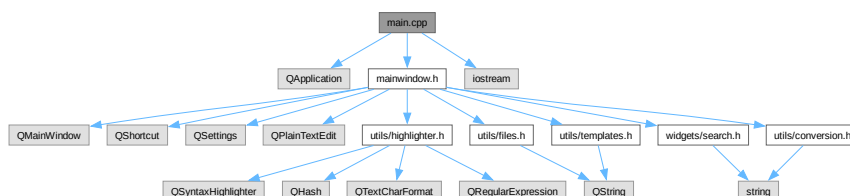
## File Documentation

### 7.1 README.md File Reference

### 7.2 main.cpp File Reference

```
#include <QApplication>
#include "mainwindow.h"
#include <iostream>
```

Include dependency graph for main.cpp:



#### Functions

- int [main](#) (int argc, char \*argv[] )

#### 7.2.1 Function Documentation

##### 7.2.1.1 main()

```
int main (
    int argc,
    char * argv[] )
```

## 7.3 mainwindow.cpp File Reference

```
#include "mainwindow.h"
#include "ui_mainwindow.h"
#include <QFileDialog>
#include <QMessageBox>
#include <QInputDialog>
#include <QScrollBar>
#include <QTabWidget>
#include "QDebug"
#include "widgets/gtextedit.h"
Include dependency graph for mainwindow.cpp:
```



### Variables

- `GTextEdit * currentEditorWidget = NULL`

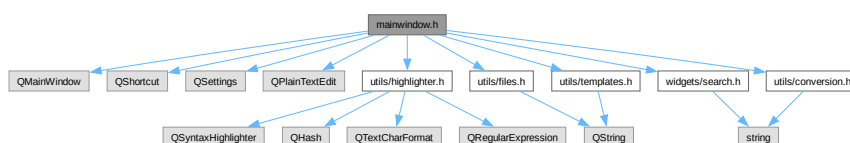
### 7.3.1 Variable Documentation

#### 7.3.1.1 currentEditorWidget

```
GTextEdit* currentEditorWidget = NULL
```

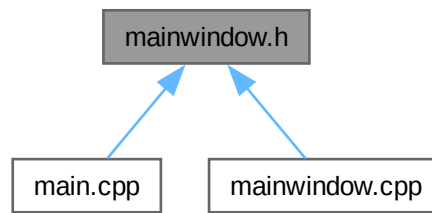
## 7.4 mainwindow.h File Reference

```
#include <QMainWindow>
#include <QShortcut>
#include "QSettings"
#include <QPlainTextEdit>
#include "utils/highlighter.h"
#include "utils/files.h"
#include "widgets/search.h"
#include "utils/conversion.h"
#include "utils/templates.h"
Include dependency graph for mainwindow.h:
```





This graph shows which files directly or indirectly include this file:



### Classes

- class [MainWindow](#)

### Namespaces

- namespace [Ui](#)

## 7.5 mainwindow.h

[Go to the documentation of this file.](#)

```

00001 #pragma once
00002
00003 #include <QMainWindow>
00004 #include <QShortcut>
00005 #include "QSettings"
00006 #include <QPlainTextEdit>
00007
00008 #include "utils/highlighter.h"
00009 #include "utils/files.h"
00010 #include "widgets/search.h"
00011 #include "utils/conversion.h"
00012 #include "utils/templates.h"
00013
00014 namespace Ui {
00015     class MainWindow;
00016 }
00017
00018 class MainWindow : public QMainWindow
00019 {
00020     Q_OBJECT
00021
00022 public:
00023     explicit MainWindow(QWidget *parent = 0);
00024     ~MainWindow();
00025     void openWith(QString);
00026
00027 private slots:
00028     void save();
00029
00030     void open(QString file);
00031
00032     void newTab();
00033
00034     void selectText(int pos, int len);
00035
00036     void highlightCurrentLine();
00037
00038     void updateHighlighterTheme();
  
```

```
00039
00040     void setTabWidth(int width);
00041
00042     void updateLineNums(int newBlockCount);
00043
00044     void scrollOverview(int scrollValue);
00045
00046     void setMainWindowStyle(QString backgroundColor, QString lineColor);
00047
00048     void setTabWidgetStyle(QString foregroundColor, QString backgroundColor);
00049
00050     void setLineNumStyle(QString lineColor, QString foregroundColor);
00051
00052     void setOverViewStyle(QString lineColor, QString foregroundColor);
00053
00054     QString getFileType(QString file);
00055
00056     void on_actionOpen_triggered();
00057
00058     void on_actionNew_triggered();
00059
00060     void on_actionSave_triggered();
00061
00062     void on_actionUndo_triggered();
00063
00064     void on_actionRedo_triggered();
00065
00066     void on_actionExit_triggered();
00067
00068     void on_actionSave_as_triggered();
00069
00070     void on_actionFind_triggered();
00071
00072     void on_actionHex_triggered();
00073
00074     void on_actionAscii_triggered();
00075
00076     void on_actionStrings_triggered();
00077
00078     void on_findLineEdit_returnPressed();
00079
00080     void on_actionAbout_triggered();
00081
00082     void on_tabWidget_tabCloseRequested(int index);
00083
00084     void on_tabWidget_currentChanged(int index);
00085
00086     void onBlockCountChanged(int newBlockCount);
00087
00088     void onTextChanged();
00089
00090     void on_actionFullScreen_triggered();
00091
00092     void on_actionGoTo_triggered();
00093
00094     void on_actionAsm_triggered();
00095
00096     void on_actionC_triggered();
00097
00098     void on_actionCplusplus_triggered();
00099
00100     void on_actionHtml_triggered();
00101
00102     void on_actionJava_triggered();
00103
00104     bool confirmApplyTemplate();
00105
00106     void on_actionCss_triggered();
00107
00108     void on_findButton_clicked();
00109
00110     void on_findPrevButton_clicked();
00111
00112     void on_actionFind_Next_triggered();
00113
00114     void findNext();
00115
00116     void findPrev();
00117
00118     void on_actionFind_Previous_triggered();
00119
00120     void on_actionReplace_triggered();
00121
00122     void on_replaceButton_clicked();
00123
00124     void on_actionDelete_line_triggered();
00125
```

```

00126     void on_actionRemove_word_triggered();
00127
00128     void on_replaceAllButton_clicked();
00129
00130     void on_replaceLineEdit_returnPressed();
00131
00132     void on_findLineEdit_textChanged(const QString &arg1);
00133
00134     void on_actionToggle_comment_triggered();
00135
00136     void on_actionOverview_triggered();
00137
00138     void on_actionDark_triggered();
00139
00140     void on_actionSolarized_Dark_triggered();
00141
00142     void on_actionJoin_Lines_triggered();
00143
00144     void on_actionMove_Line_Up_triggered();
00145
00146     void on_actionSwap_line_down_triggered();
00147
00148     void on_actionMenubar_triggered();
00149
00150     void on_actionSolarized_triggered();
00151
00152     void on_action8_triggered();
00153
00154     void on_action4_triggered();
00155
00156     void on_action2_triggered();
00157
00158     void on_actionClose_All_triggered();
00159
00160     void on_actionTomorrow_triggered();
00161
00162     void on_actionTomorrow_Night_triggered();
00163
00164     void on_actionRandomized_triggered();
00165
00166 private:
00167     Ui::MainWindow *ui;
00168     Highlighter *highlighter;
00169     QShortcut *shortcut;
00170     QSettings settings;
00171
00172     Conversion conversion;
00173     Files files;
00174     Search searcher;
00175     Templates templates;
00176
00177     int numBlocks;
00178     int newNumBlocks;
00179     int outputMode;
00180     int foundPosElement;
00181     int searchTermLen;
00182     int *outputModeP;
00183
00184     QString filename;
00185     QString theme;
00186     QString currentDirectory;
00187     QString currentSearchTerm; // Current Value Of Search Term
00188     QStringList foundPositions; // Positions Of Substrings Matching Search Term
00189     QColor lineColor;
00190
00191 };
00192

```

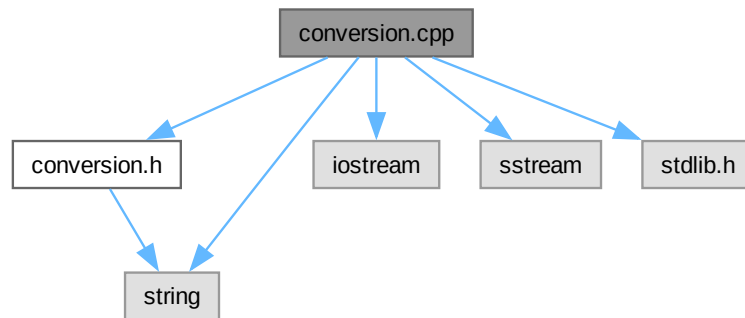
## 7.6 conversion.cpp File Reference

```

#include "conversion.h"
#include <string>
#include <iostream>
#include <sstream>
#include <stdlib.h>

```

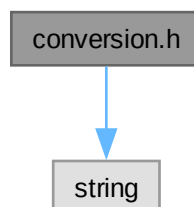
Include dependency graph for conversion.cpp:



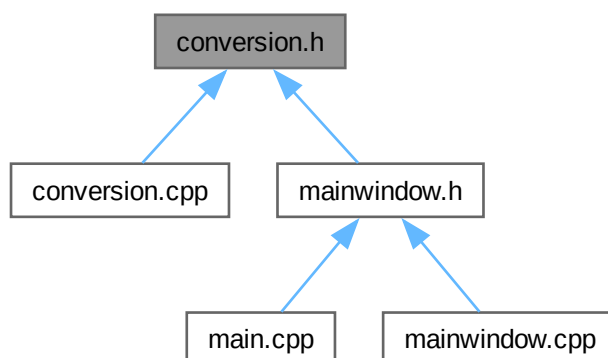
## 7.7 conversion.h File Reference

```
#include <string>
```

Include dependency graph for conversion.h:



This graph shows which files directly or indirectly include this file:



## Classes

- class [Conversion](#)

## 7.8 conversion.h

[Go to the documentation of this file.](#)

```

00001 #ifndef CONVERSION_H
00002 #define CONVERSION_H
00003 #include <string>
00004
00005 class Conversion
00006 {
00007 public:
00008     Conversion();
00009     std::string hex(std::string s);
00010     std::string ascii(std::string s);
00011     int hexToInt(std::string s);
00012     std::string getStrings(std::string s);
00013 };
00014
00015 #endif // CONVERSION_H
  
```

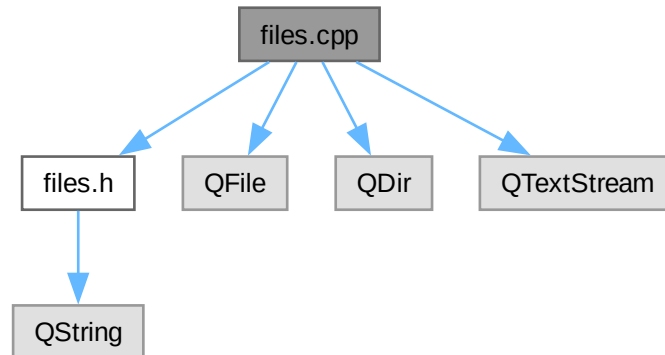
## 7.9 files.cpp File Reference

```

#include "files.h"
#include "QFile"
#include "QDir"
  
```

```
#include "QTextStream"
```

Include dependency graph for files.cpp:



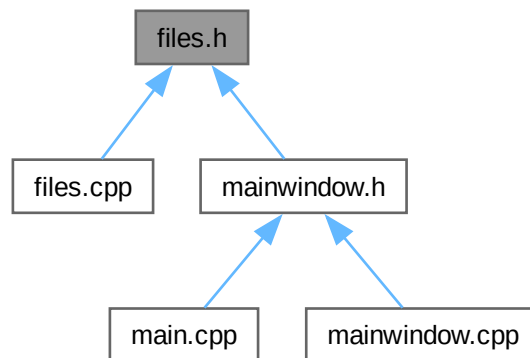
## 7.10 files.h File Reference

```
#include "QString"
```

Include dependency graph for files.h:



This graph shows which files directly or indirectly include this file:



## Classes

- class [Files](#)

## 7.11 files.h

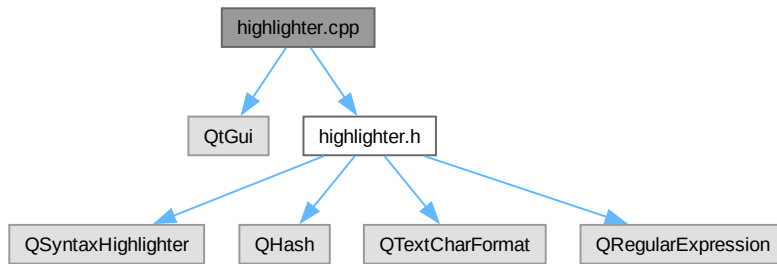
[Go to the documentation of this file.](#)

```
00001 #pragma once
00002 #include "QString"
00003
00004 class Files
00005 {
00006 public:
00007     Files();
00008     QString read(QString filename);
00009     void write(QString filename, QString content);
00010     QString getHomeDir();
00011     void openFileManager(QString dir);
00012     QString getDirectory(QString filepath);
00013 };
00014
```

## 7.12 highlighter.cpp File Reference

```
#include <QtGui>
#include "highlighter.h"
```

Include dependency graph for highlighter.cpp:



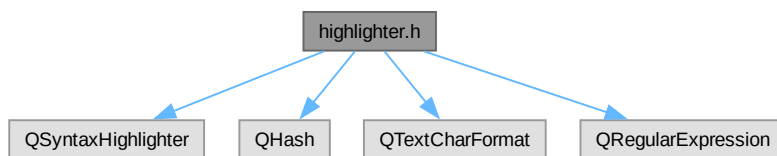
## 7.13 highlighter.h File Reference

```

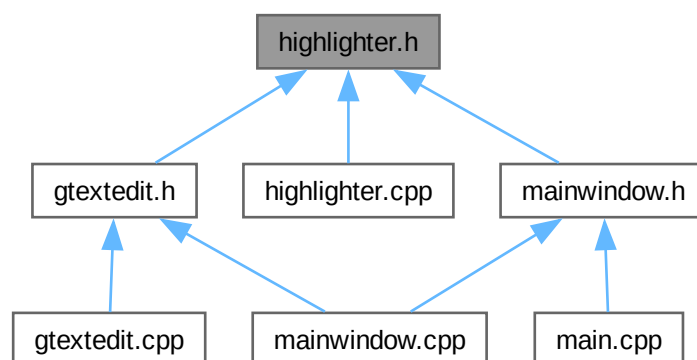
#include <QSyntaxHighlighter>
#include <QHash>
#include <QTextCharFormat>
#include <QRegularExpression>

```

Include dependency graph for highlighter.h:



This graph shows which files directly or indirectly include this file:





## Classes

- class [Highlighter](#)

## 7.14 highlighter.h

[Go to the documentation of this file.](#)

```

00001 /*****
00002  **
00003  ** Copyright (C) 2013 Digia Plc and/or its subsidiary(-ies).
00004  ** Contact: http://www.qt-project.org/legal
00005  **
00006  ** This file is part of the examples of the Qt Toolkit.
00007  **
00008  ** $QT_BEGIN_LICENSE:BSD$
00009  ** You may use this file under the terms of the BSD license as follows:
00010  **
00011  ** "Redistribution and use in source and binary forms, with or without
00012  ** modification, are permitted provided that the following conditions are
00013  ** met:
00014  **   * Redistributions of source code must retain the above copyright
00015  **     notice, this list of conditions and the following disclaimer.
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00024  **
00025  ** THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
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00032  ** DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
00033  ** THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
00034  ** (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
00035  ** OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE."
00036  **
00037  ** $QT_END_LICENSE$
00038  **
00039  *****/
00040
00041 #ifndef HIGHLIGHTER_H
00042 #define HIGHLIGHTER_H
00043
00044 #include <QSyntaxHighlighter>
00045 #include <QHash>
00046 #include <QTextCharFormat>
00047 #include <QRegularExpression>
00048
00049 class QTextDocument;
00050
00051 class Highlighter : public QSyntaxHighlighter
00052 {
00053     Q_OBJECT
00054
00055 public:
00056     Highlighter(QString filetype, QString theme, QTextDocument *parent = 0);
00057     void setTheme(QString filetype, QString theme);
00058
00059 protected:
00060     void highlightBlock(const QString &text);
00061
00062 private:
00063     void setupHighlighter(QString fileType, QString theme);
00064     void setColorValues(QString theme);
00065     void setCompiledLanguageRules();
00066     void setScriptingLanguageRules();
00067     void setMarkupLanguageRules();
00068     void setAsmRules();
00069     void setCssRules();
00070     void setSqlRules();
00071
00072     struct HighlightingRule
00073     {

```

```

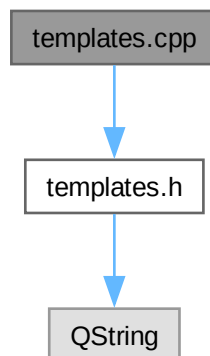
00074         QRegularExpression pattern;
00075         QTextCharFormat format;
00076     };
00077     QVector<HighlightingRule> highlightingRules;
00078
00079     QRegularExpression commentStartExpression;
00080     QRegularExpression commentEndExpression;
00081
00082     QTextCharFormat keywordFormat;
00083     QTextCharFormat numberFormat;
00084     QTextCharFormat singleLineCommentFormat;
00085     QTextCharFormat multiLineCommentFormat;
00086     QTextCharFormat quotationFormat;
00087     QTextCharFormat functionFormat;
00088     QTextCharFormat formatStringFormat;
00089     QTextCharFormat operatorFormat;
00090     QTextCharFormat phpVarFormat;
00091     QTextCharFormat rubyVarFormat;
00092     QTextCharFormat tagFormat;
00093     QTextCharFormat valueFormat;
00094     QTextCharFormat attributeFormat;
00095     QTextCharFormat idFormat;
00096     QTextCharFormat classFormat;
00097
00098     QStringList compiledLanguages;
00099     QStringList scriptingLanguages;
00100     QStringList markupLanguages;
00101
00102     QColor keywordColor;
00103     QColor keyword2Color;
00104     QColor functionsColor;
00105     QColor valueColor;
00106     QColor numColor;
00107     QColor operatorColor;
00108     QColor formatStringColor;
00109     QColor commentColor;
00110     QColor varColor;
00111     QColor tagColor;
00112     QColor htmlAttributesColor;
00113     QColor cssClassesIDsColor;
00114     QColor cssAttributesColor;
00115 };
00116
00117 #endif // HIGHLIGHTER_H

```

## 7.15 templates.cpp File Reference

```
#include "templates.h"
```

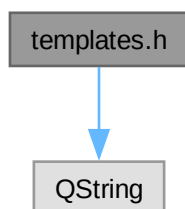
Include dependency graph for templates.cpp:



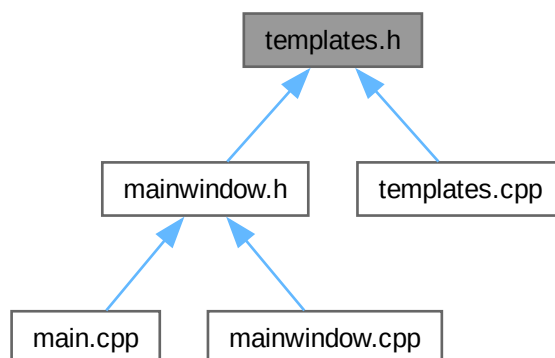
## 7.16 templates.h File Reference

```
#include "QString"
```

Include dependency graph for templates.h:



This graph shows which files directly or indirectly include this file:



### Classes

- class [Templates](#)

## 7.17 templates.h

[Go to the documentation of this file.](#)

```
00001 #ifndef TEMPLATES_H
00002 #define TEMPLATES_H
00003
00004 #include "QString"
00005
00006 class Templates
```

```

00007 {
00008 public:
00009     Templates();
00010     QString getAsmTemplate();
00011     QString getCTemplate();
00012     QString getCPPTemplate();
00013     QString getHtmlTemplate();
00014     QString getJavaTemplate();
00015     QString getCSSTemplate();
00016 private:
00017
00018
00019 };
00020
00021 #endif // TEMPLATES_H

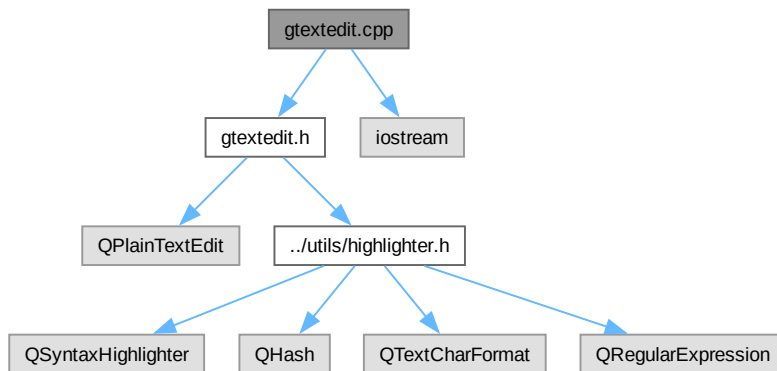
```

## 7.18 gtextedit.cpp File Reference

```
#include "gtextedit.h"
```

```
#include <iostream>
```

Include dependency graph for gtextedit.cpp:

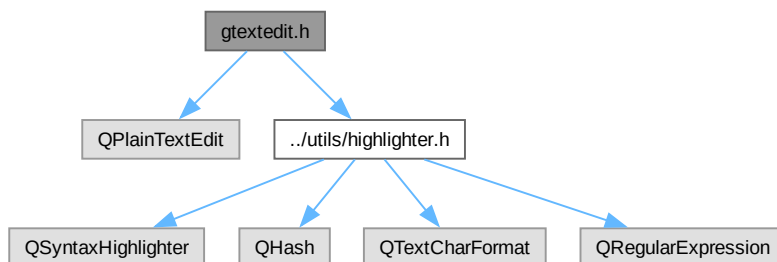


## 7.19 gtextedit.h File Reference

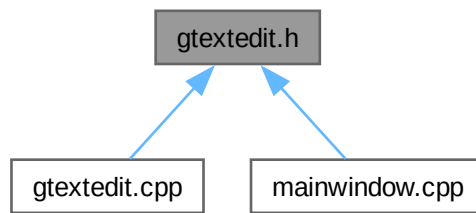
```
#include <QPlainTextEdit>
```

```
#include "../utils/highlighter.h"
```

Include dependency graph for gtextedit.h:



This graph shows which files directly or indirectly include this file:



## Classes

- class [GTextEdit](#)

## 7.20 gtextedit.h

[Go to the documentation of this file.](#)

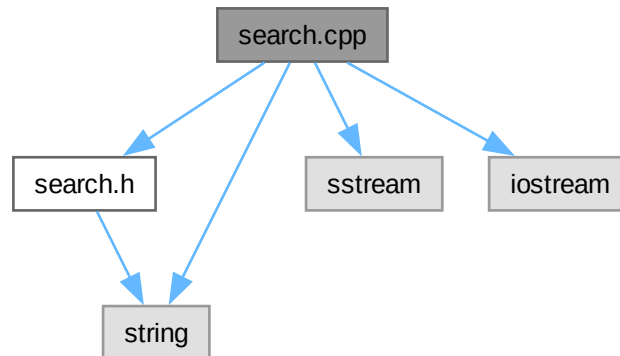
```

00001 #pragma once
00002
00003 #include <QPlainTextEdit>
00004 #include "../utils/highlighter.h"
00005
00006 class GTextEdit : public QPlainTextEdit
00007 {
00008     Q_OBJECT
00009 public:
00010     GTextEdit(QWidget *parent = 0);
00011     QString getFilePath();
00012     QString getFileType();
00013     void setFilePath(QString newFilePath);
00014     void setFileType(QString newFileType);
00015     void setHighlighter(Highlighter * h);
00016     void setHighlighterTheme(QString theme);
00017     void selectLine();
00018     void selectWord();
00019     QString lineUnderCursor();
00020     QString wordUnderCursor();
00021     void deleteLine();
00022     void deleteWord();
00023     void joinLines();
00024     void swapLineUp();
00025     void swapLineDown();
00026     void toggleComment();
00027
00028 protected:
00029     virtual void keyPressEvent(QKeyEvent * e);
00030
00031 public slots:
00032
00033 private:
00034     QString filepath;
00035     QString fileType;
00036     Highlighter * highlighter;
00037
00038 };
00039
  
```

## 7.21 search.cpp File Reference

```
#include "search.h"  
#include <string>  
#include <sstream>  
#include <iostream>
```

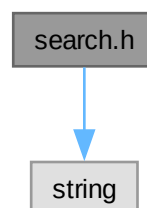
Include dependency graph for search.cpp:



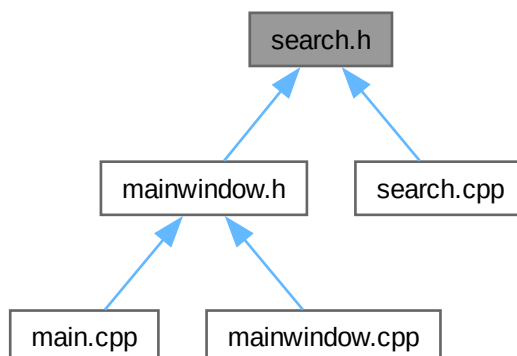
## 7.22 search.h File Reference

```
#include <string>
```

Include dependency graph for search.h:



This graph shows which files directly or indirectly include this file:



### Classes

- class [Search](#)

## 7.23 search.h

[Go to the documentation of this file.](#)

```
00001 #pragma once
00002 #include <string>
00003
00004
00005 class Search
00006 {
00007 public:
00008     Search();
00009     std::string findAll(std::string searchTerm, std::string content);
00010 private:
00011     bool isPrefix(std::string word, int len, int pos);
00012     int suffixLen(std::string word, int len, int pos);
00013     bool isAsciiStr(std::string s);
00014 };
00015
```





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