Clemanglaise

1.0

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Contents

1 Clemanglaise **1**

2 Class Index **3**

2.1 Class Hierarchy 3

3 Class Index **5**

3.1 Class List 5

4 Class Documentation **7**

4.1 AnswerFrame Class Reference 7

4.2 EditFrame Class Reference 7

4.3 HandwritingArea Class Reference 8

4.4 HomeWindow Class Reference 8

4.5 LanguageButtons Class Reference 8

4.6 NetworkReplyReader Class Reference 9

4.7 Parser Class Reference 9

4.7.1 Member Function Documentation 10

4.7.1.1 getline 10

4.7.1.2 getLineId 10

4.8 QuestionFrame Class Reference 10

4.9 SearchFrame Class Reference 11

4.10 Test Class Reference 11

4.11 TestFrame Class Reference 11

4.12 ThemeFrame Class Reference 12

4.13 WordFrame Class Reference 12

Chapter 1

Clemanglaise

This program creates vocabulary tests in different languages using words from an online or a local database.

How to use?

Usual method, working on Linux, Mac or Windows

- First Qt must be installed on your computer.
  - `Qt installer for MAC 64 bits`
  - `Qt installer for Linux 64 bits`
  - `Qt installer for Windows`
- Open the project **clemanglaise.pro** with QtCreator.
- Compile with qmake in the compilation tab.
- Compile the project (hotkey: `CTRL+B`).
- Run the project (hotkey: `CTRL+R`) and enjoy!

If you are an **administrator** after opening the project, you have to set a password argument to run the application.

- To do it follow this path : **Projets** > **Paramètres d'exécution**
- Then set Arguments to `-p PASSWORD` or `-password PASSWORD`
- If you want to open help wizard set Arguments to `-h` or `-?` or `-help`

For command-line users

To compile it:

- Check that the location of the `qmake` is in your `$PATH` variable.
- Don't regenerate the project file, use the one provided in the repository.
- Type `qmake` in the command line.
- Type `make` in the command line.

To run the application, type `./clemanglaise` in the command line if you are using Linux, or `open clemanglaise.app` if you are using the Mac.

To run the application as an **administrator** type `./clemanglaise -p` and type the password.

To show help wizard type `./clemanglaise -h|-?|-help`

Enjoy!

Chapter 2

Class Index

2.1 Class Hierarchy

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

EditView . . . . . **??**
HandwritingArea 8
HomeWindow 8
LanguageButtons 8
NetworkReplyReader 9
Parser 9
SearchView . . . . . **??**
Test 11
TestView . . . . . **??**
ThemeView . . . . . **??**
WordView . . . . . **??**
AnswerView . . . . . **??**
QuestionView . . . . . **??**

Chapter 3

Class Index

3.1 Class List

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

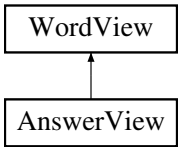
AnswerView . . . . . ??
EditView . . . . . ??
HandwritingArea 8
HomeWindow 8
LanguageButtons 8
NetworkReplyReader 9
Parser 9
QuestionView . . . . . ??
SearchView . . . . . ??
Test 11
TestView . . . . . ??
ThemeView . . . . . ??
WordView . . . . . ??

Chapter 4

Class Documentation

4.1 AnswerView Class Reference

Inheritance diagram for AnswerView:



Public Member Functions

- **AnswerView** (Test &test, QWidget ∗parent)
- **AnswerView** (const QStringList &reply_list, const QString &player_answer, Test &test, QWidget ∗parent)

Additional Inherited Members

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

- AnswerView.h

4.2 EditView Class Reference

Public Slots

- void **edit_word** ()
- void **read_reply** (QNetworkReply ∗reply)
- void **show_confirmation** (QNetworkReply ∗reply)
- void **show_confirmation** ()
- void **back** ()
- void **reset** ()
- void **find_themes** ()

Public Member Functions

- **EditView** (Test &test, const QString &title, const QStringList &default_values, const QString &OK_button_value, const QString &php_filename, const QString &success_message, QWidget *parent)
- void **read_reply** (QString reply_string)
- void **disable_edition** (bool ok)

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

- EditView.h

4.3 HandwritingArea Class Reference

Public Member Functions

- **HandwritingArea** (QSize size, QWidget *parent)
- void **mouseMoveEvent** (QMouseEvent *event)
- void **mouseReleaseEvent** (QMouseEvent *event)
- void **mousePressEvent** (QMouseEvent *event)
- void **paintEvent** (QPaintEvent *event)

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

- HandwritingArea.h

4.4 HomeWindow Class Reference

Public Slots

- void **start_test** (int i)
- void **init** ()

Public Member Functions

- **HomeWindow** (bool admin=false, QWidget *parent=0)

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

- HomeWindow.h

4.5 LanguageButtons Class Reference

Signals

- void **clicked** (const QString &text)

Public Member Functions

- **LanguageButtons** (const QList< Test > &tests, QWidget *parent, const QStringList &flags)
- void **disconnect_all** ()

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

- LanguageButtons.h

4.6 NetworkReplyReader Class Reference

Public Slots

- void **read_reply** (QNetworkReply *reply)

Public Member Functions

- **NetworkReplyReader** (QObject *parent=0)
- void **print** (QString s)

Static Public Attributes

- static QNetworkCookieJar * **cookie_jar**

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

- NetworkReplyReader.h

4.7 Parser Class Reference

Signals

- void **appendDone** ()

Public Member Functions

- **Parser** (const QString &srcDst, QString file_in="file_in", QString file_out="file_out", QString score_file="file_score", QObject *parent=0)
- unsigned int **nblines** (const QString &files) const
- QString **getFilein** () const
- QString **getFileout** () const
- QString **getSrcDst** () const
- QString **getScoreFile** () const
- QString **getRandomLine** (const QString &files) const
- QString **split_line** (QString line, const QString &delim="\n") const
- QString **search** (const QString &word, const QString &files) const
- QString getLineId (const int &id, const QString &files)
- QString **getCellId** (const int &id, const int &nb, const QString &files)
- QString **getScoreId** (const int &id)
- int **getLastId** (const QString &files)
- void **parse** (const QString &files)

- void **writeInFile** (const QString &text, const QString &files)
- void **appendInFile** (const QString &text, const QString &files)
- void **addInFile** (const QString &text, const QString &files)
- void **deleteLineId** (const int &id, const QString &files)
- void **updateLineId** (const int &id, const QString &new_text, const QString &files)
- void **update_score** (const int &id, const int &correct)

Static Public Member Functions

- static QString getline (const unsigned int &number, const QString &filename)
- static QString **getThemeFile** ()
- static QString **getTheme** (const int &id)
- static QString **get_working_path** ()
- static QString **get_working_path** (const QString &file)

4.7.1 Member Function Documentation

4.7.1.1 static QString Parser::getline (const unsigned int & *number,* const QString & *filename*) [static]

Returns

the numberth line of filename

4.7.1.2 QString Parser::getLineId (const int & *id,* const QString & *files*)

Returns

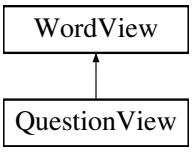
the line with the specified id

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

- Parser.h

4.8 QuestionView Class Reference

Inheritance diagram for QuestionView:



Public Slots

- void **disable_validation** ()

Public Member Functions

- **QuestionView** (Test &test, QWidget *parent)
- QString **getAnswer** ()
- void **ask_question** (const QString &word, const QString &theme)

Additional Inherited Members

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

- QuestionView.h

4.9 SearchView Class Reference

Public Slots

- void **search** ()
- void **read_reply** (QNetworkReply ∗reply)
- void **back** ()
- void **action** (int row, int col)
- void **refresh** ()

Public Member Functions

- **SearchView** (Test &test, bool modifiable=false, QWidget ∗parent=0)
- void **read_reply** (QString reply_string)

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

- SearchView.h

4.10 Test Class Reference

Public Member Functions

- **Test** (int id, const QString &name, const QString &src, const QString &dst, bool remote=true)
- int **getId** () const
- const QString & **getName** () const
- const QString & **getSrc** ()
- const QString & **getDst** ()
- bool **isRemoteWork** () const
- void **setRemoteWork** (bool where)
- void **addTheme** (const QString &theme)
- QSet< QString > & **getThemes** ()

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

- Test.h

4.11 TestView Class Reference

Public Slots

- void **init** ()
- void **update_request** ()
- void **read_reply** (QNetworkReply ∗reply)

- void **read_reply_themes** (QNetworkReply ∗reply)
- void **validate_question** ()
- void **validate_answer** ()
- void **find_themes** ()
- void **add_theme** ()
- void **add_word** ()
- void **update_word** ()
- void **search** ()
- void **go_back** ()
- void **update_question** (int)

Public Member Functions

- **TestView** (Test &test, QString str_title="", bool admin=false, QWidget ∗parent=0)
- void **read_reply** (QString reply_string)

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

- TestView.h

4.12 ThemeView Class Reference

Public Slots

- void **edit_theme** ()
- void **show_confirmation** (QNetworkReply ∗reply)
- void **show_confirmation** ()
- void **read_reply** (QNetworkReply ∗reply)
- void **find_themes** ()
- void **back** ()
- void **reset** ()

Public Member Functions

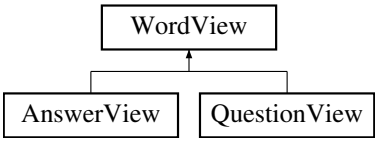
- **ThemeView** (Test &test, const QString &title, const QStringList &default_values, const QString &OK_button_value, const QString &php_filename, const QString &success_message, QWidget ∗parent)
- void **read_reply** (QString reply_string)

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

- ThemeView.h

4.13 WordView Class Reference

Inheritance diagram for WordView:



Public Member Functions

- **WordView** (Test &test, QWidget *parent)

Protected Attributes

- Test **test**
- QHBoxLayout * **horizontal_layout**
- QVBoxLayout * **right_vertical_layout**
- QVBoxLayout * **vertical_layout**
- bool **handwriting**
- QPushButton * **OK_button**

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

- WordView.h