qtsandbox

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Chapter 1

Hierarchical Index

1.1 Class Hierarchy

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

yLib::Clock	6
a::IPage	6
qta::APage	5
qta::MainPage	
qta::MusicPlayerPage	7
MainWindow	
qta::Window	9
Widget	
qta::APage	5
qta::ConfigPanel	6
yLib::Random	8
yLib::Time	8
a··Tools	8

2 Hierarchical Index

Chapter 2

Class Index

2.1 Class List

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

qta::APage	5
myLib::Clock	6
qta::ConfigPanel	6
qta::IPage	
qta::MainPage	
qta::MusicPlayerPage	7
myLib::Random	
myLib::Time	8
qta::Tools	
ata::Window	0

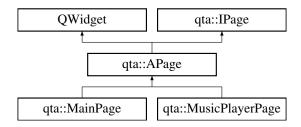
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Chapter 3

Class Documentation

3.1 qta::APage Class Reference

Inheritance diagram for qta::APage:



Public Member Functions

- APage (std::string title=DEFAULT_PAGE_NAME.data(), QStackedWidget *stackedWidget=nullptr)
- void setWidget (QWidget *widget) override
- void setLayout (QVBoxLayout *layout) override
- void addButton (QPushButton *button, const std::string &name) override
- const std::string & getTitle () const override
- QWidget * getWidget () const override
- QVBoxLayout * getLayout () const override
- const std::vector< std::pair< QPushButton *, std::string > > & **getButtons** () const override
- QPushButton * getButton (const std::string &name) const override
- void deleteResources () override

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

• include/QtApp/Abstraction/APage.hpp

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3.2 myLib::Clock Class Reference

Public Member Functions

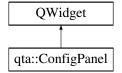
- void restart ()
- void pause ()
- void resume ()
- Time getElapsedTime () const

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

• lib/static/myLib/include/myLib/Clock/Clock.hpp

3.3 qta::ConfigPanel Class Reference

Inheritance diagram for qta::ConfigPanel:



Public Member Functions

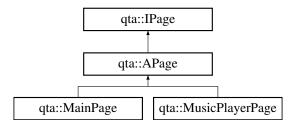
- ConfigPanel (QWidget *parent=nullptr)
- void deleteResources ()

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

• include/QtApp/ConfigPanel.hpp

3.4 qta::IPage Class Reference

Inheritance diagram for qta::IPage:



Public Member Functions

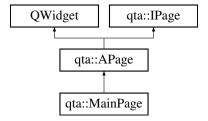
- virtual void setWidget (QWidget *widget)=0
- virtual void setLayout (QVBoxLayout *layout)=0
- virtual void addButton (QPushButton *button, const std::string &name)=0
- virtual const std::string & getTitle () const =0
- virtual QWidget * getWidget () const =0
- virtual QVBoxLayout * getLayout () const =0
- virtual const std::vector< std::pair< QPushButton *, std::string > > & getButtons () const =0
- virtual QPushButton * getButton (const std::string &name) const =0
- virtual void deleteResources ()=0

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

• include/QtApp/Abstraction/IPage.hpp

3.5 qta::MainPage Class Reference

Inheritance diagram for qta::MainPage:



Public Member Functions

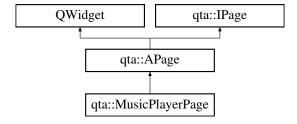
• MainPage (const std::string &title="Main Page")

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

• include/QtApp/Page/MainPage.hpp

3.6 qta::MusicPlayerPage Class Reference

Inheritance diagram for qta::MusicPlayerPage:



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Public Member Functions

• MusicPlayerPage (const std::string &title="Music Player")

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

• include/QtApp/Page/MusicPlayerPage.hpp

3.7 myLib::Random Class Reference

Static Public Member Functions

- static int randomInt (int min, int max)
- static int randomInt ()
- static float randomFloat (float min, float max)
- static float randomFloat ()

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

· lib/static/myLib/include/myLib/Random.hpp

3.8 myLib::Time Class Reference

Public Member Functions

- Time (const double seconds)
- int asSeconds () const
- int asMilliseconds () const
- int asMicroseconds () const

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

• lib/static/myLib/include/myLib/Clock/Time.hpp

3.9 qta::Tools Class Reference

Static Public Member Functions

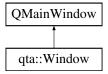
• static QString getStyleSheet (const QString &filePath)

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

• include/QtApp/Tools.hpp

3.10 qta::Window Class Reference

Inheritance diagram for qta::Window:



Public Member Functions

- Window (int width=DEFAULT_WIDTH, int height=DEFAULT_HEIGHT)
- void handleEvents ()

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

• include/QtApp/Window.hpp

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qta::ConfigPanel, 6
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qta::MainPage, 7
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qta::Tools, 8
qta::Window, 9
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