Qt Platform Default Port

This folder provides a default implementation for Qt platform related XF classes. You can use these classes to construct a Qt based XF.

If these classes do not suit your needs, they can be reimplemented for your platform. Create an additional folder in the 'port' folder and implement there the classes you need for your platform.

Available Default Qt Port Classes

Class name	File location	Define to set
XFEventQueueDefault	xf/port/default-qt/eventqueue-default.cpp	USE_XF_EVENT_QUEUE_DEFAULT_QT_IMPLEMENTATION
XFMutexDefault	xf/port/default-qt/mutex-default.cpp	USE_XF_MUTEX_DEFAULT_QT_IMPLEMENTATION
XFThreadDefault	xf/port/default-qt/thread-default.cpp	USE_XF_THREAD_DEFAULT_QT_IMPLEMENTATION

If you need more information about the classes mentioned above, please have a look into their header files and the doxygen comments in code.

Example *config/xf-config.h* File

Following you will find an example giving you a basic idea which define to set in the application specific *config/xf-config.h* file.

The *IDF Qt* port uses these classes:

```
// Defines to set to use the IDF Qt port
#define USE_XF_TIMEOUTMANAGER_DEFAULT_IMPLEMENTATION        1
#define USE_XF_DISPATCHER_ACTIVE_DEFAULT_IMPLEMENTATION     1
#define USE_XF_EVENT_QUEUE_DEFAULT_QT_IMPLEMENTATION        1
#define USE_XF_MUTEX_DEFAULT_QT_IMPLEMENTATION              1
#define USE_XF_THREAD_DEFAULT_QT_IMPLEMENTATION             1
#define USE_XF_CLASS_DEFAULT_QT_IMPLEMENTATION              1
#define USE_XF_PORT_FUNCTIONS_DEFAULT_QT_IMPLEMENTATION     1

#define USE_XF_PORT_IDF_QT_RESOURCE_FACTORY_IMPLEMENTATION  1

#include "default-qt/eventqueue-default.h"
#ifdef __cplusplus
    // Force to take the XFEventQueueDefault implementation for the event queue
```

```
    using XFEventQueue = XFEventQueueDefault;
#endif // __cplusplus
```