

XF Port - IDF Qt

This port folder contains specific classes for the *IDF Qt* XF port.

Classes used by the *IDF Qt* Port

| Class name | File location | Define to set |
|---------------------------|--|--|
| XFTimeoutManagerDefault | xf/port/default/timeoutmanager-default.cpp | USE_XF_TIMEOUTMANAGER_DEFAULT_IMPLEMENTATION |
| XFDispatcherActiveDefault | xf/port/default/dispatcher-active.cpp | USE_XF_DISPATCHER_ACTIVE_DEFAULT_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 |
| XF | xf/port/default-qt/xf.cpp | USE_XF_CLASS_DEFAULT_QT_IMPLEMENTATION |
| XFEventQueuePort | xf/port/default-qt/eventqueue.cpp | USE_XF_EVENT_QUEUE_DEFAULT_QT_IMPLEMENTATION |
| Port Functions | xf/port/default-qt/port-functions.cpp | USE_XF_PORT_FUNCTIONS_DEFAULT_QT_IMPLEMENTATION |
| XFResourceFactoryPort | xf/port/idf-qt/resourcefactory.cpp | USE_XF_PORT_IDF_QT_RESOURCE_FACTORY_IMPLEMENTATION |

Example *config/xf-config.h* File

```
// 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
```