

XF Port - IDF Stm32Cube

This port folder contains specific classes for the *IDF Stm32Cube* XF port.

Classes used by the *IDF Stm32Cube* Port

Class name	File location	Define to set
XF	xf/port/default/xf-default.cpp	USE_XF_DEFAULT_IMPLEMENTATION
XFResourceFactoryDefault	xf/port/default/resourcefactory-default.cpp	USE_XF_RESOURCE_FACTORY_DEFAULT_IMPLEMENTATION
XFTimeoutManagerDefault	xf/port/default/timeoutmanager-default.cpp	USE_XF_TIMEOUTMANAGER_DEFAULT_IMPLEMENTATION
XFDispatcherDefault	xf/port/default/dispatcher-default.cpp	USE_XF_DISPATCHER_DEFAULT_IMPLEMENTATION
XFEventQueueDefault	xf/port/default/eventqueue-default.cpp	USE_XF_EVENT_QUEUE_DEFAULT_IMPLEMENTATION
XFMutexDefault	xf/port/default/mutex-default.cpp	USE_XF_MUTEX_DEFAULT_IMPLEMENTATION
Port Functions	xf/port/idf-stm32cube/port-functions.cpp	USE_XF_PORT_IDF_STM32CUBE_PORT_FUNCTIONS_IMPLEMENTATION

Example *config/xf-config.h* File

```
#define USE_XF_DEFAULT_IMPLEMENTATION 1
#define USE_XF_DISPATCHER_DEFAULT_IMPLEMENTATION 1
#define USE_XF_EVENT_QUEUE_DEFAULT_IMPLEMENTATION 1
#define USE_XF_TIMEOUTMANAGER_DEFAULT_IMPLEMENTATION 1
#define USE_XF_RESOURCE_FACTORY_DEFAULT_IMPLEMENTATION 1
#define USE_XF_MUTEX_DEFAULT_IMPLEMENTATION 1
#define USE_XF_PORT_IDF_STM32CUBE_PORT_FUNCTIONS_IMPLEMENTATION 1

#include "default/eventqueue-default.h"
```