XF Port - Stm32Cube CMSIS FreeRTOS

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

Classes used by the *Stm32Cube CMSIS FreeRTOS* Port

Class name	File location	Define to set
XFDispatcherActiveDefault	xf/port/default/dispatcher-active.cpp	USE_XF_DISPATCHER_ACTIVE_DEFAULT_IMPLEMENTATION
XFResourceFactoryPort	xf/port/stm32cube-cmsis-freertos/resourcefactory.cpp	USE_XF_PORT_STM32CUBE_CMSIS_FREERTOS_RESOURCE_FACTORY_IMPLEMENTATION
XFTimeoutManagerPort	xf/port/stm32cube-cmsis-freertos/timeoutmanager.cpp	USE_XF_PORT_STM32CUBE_CMSIS_FREERTOS_TIMEOUTMANAGER_IMPLEMENTATION
XFEventQueuePort	xf/port/stm32cube-cmsis-freertos/eventqueue.cpp	USE_XF_PORT_STM32CUBE_CMSIS_FREERTOS_EVENT_QUEUE_IMPLEMENTATION
XFThreadPort	xf/port/stm32cube-cmsis-freertos/thread.cpp	USE_XF_PORT_STM32CUBE_CMSIS_FREERTOS_THREAD_IMPLEMENTATION
XFMutexPort	xf/port/stm32cube-cmsis-freertos/mutex.cpp	USE_XF_PORT_STM32CUBE_CMSIS_FREERTOS_MUTEX_IMPLEMENTATION

Example *config/xf-config.h* File

```
#define USE_XF_DISPATCHER_ACTIVE_DEFAULT_IMPLEMENTATION                     1
#define USE_XF_PORT_STM32CUBE_CMSIS_FREERTOS_RESOURCE_FACTORY_IMPLEMENTATION    1
#define USE_XF_PORT_STM32CUBE_CMSIS_FREERTOS_TIMEOUTMANAGER_IMPLEMENTATION      1
#define USE_XF_PORT_STM32CUBE_CMSIS_FREERTOS_EVENT_QUEUE_IMPLEMENTATION         1
#define USE_XF_PORT_STM32CUBE_CMSIS_FREERTOS_THREAD_IMPLEMENTATION              1
#define USE_XF_PORT_STM32CUBE_CMSIS_FREERTOS_MUTEX_IMPLEMENTATION               1

#include "stm32cube-cmsis-freertos/eventqueue.h"
```