

XF Ports

Introduction

A XF (execution framework) consists of a view classes which some need to be adjusted when used on another platform.

Following you will find a list of classes which may be adjusted/reimplemented when changing to another platform/environment:

- XF
- Event
- Dispatcher
- EventQueue
- Thread
- Mutex

These classes are also named **port classes** because they can be ported to another platform. All port classes can be found in the *port* folder whereas every port is located in a separate folder.

Every port may pick some default implementation classes from the *common* folder which might be also located in the *port* folder.

Port Folder Structure

In case you want to add support for another platform to the XF, you need to add a subfolder to the *port* folder and put the port class files in there. Best is, to take an already present port which is most similar to what you need, rename it and start adaption of these files.

You may also mix-up your port with classes from the *common* folder and your custom folder (or even reference classes from other ports).

Available Ports

Here is a list of currently available ports:

Port Name	OS	Platform	Folder Name	Description
XF_PORT_QT	Qt	Qt library based implementation	qt	XF support for macOS, Linux and Windows
XF_PORT_ZEPHYR	Zephyr	Zephyr OS based implementation	zephyr	XF for ARM Cortex based microcontrollers