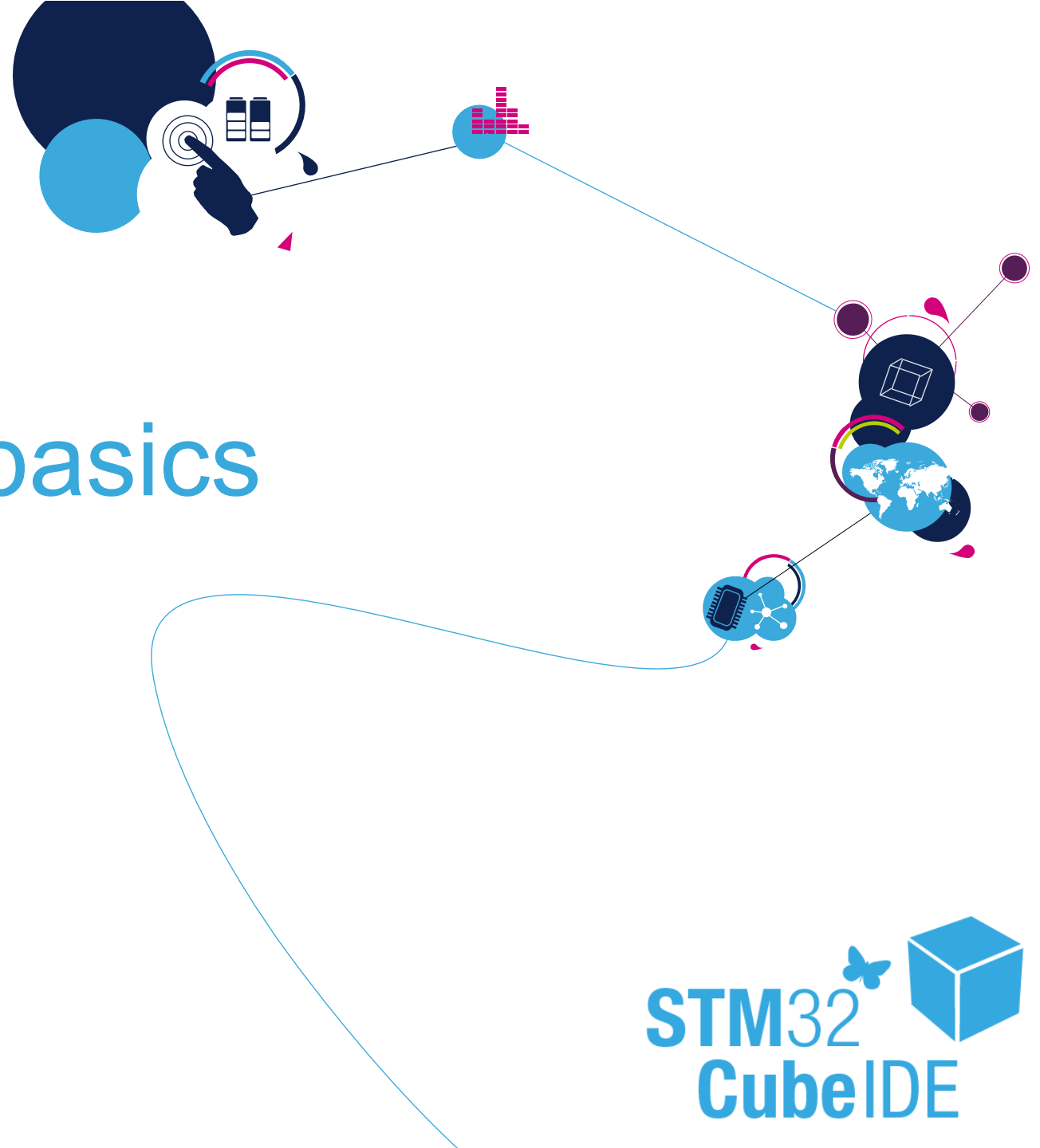
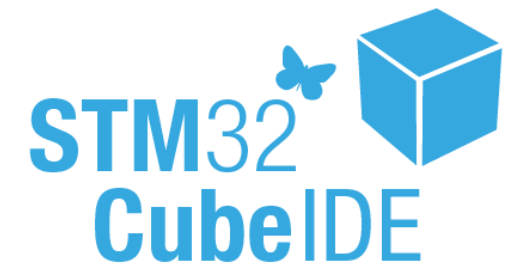


STM32CubeIDE basics

Libraries repository management



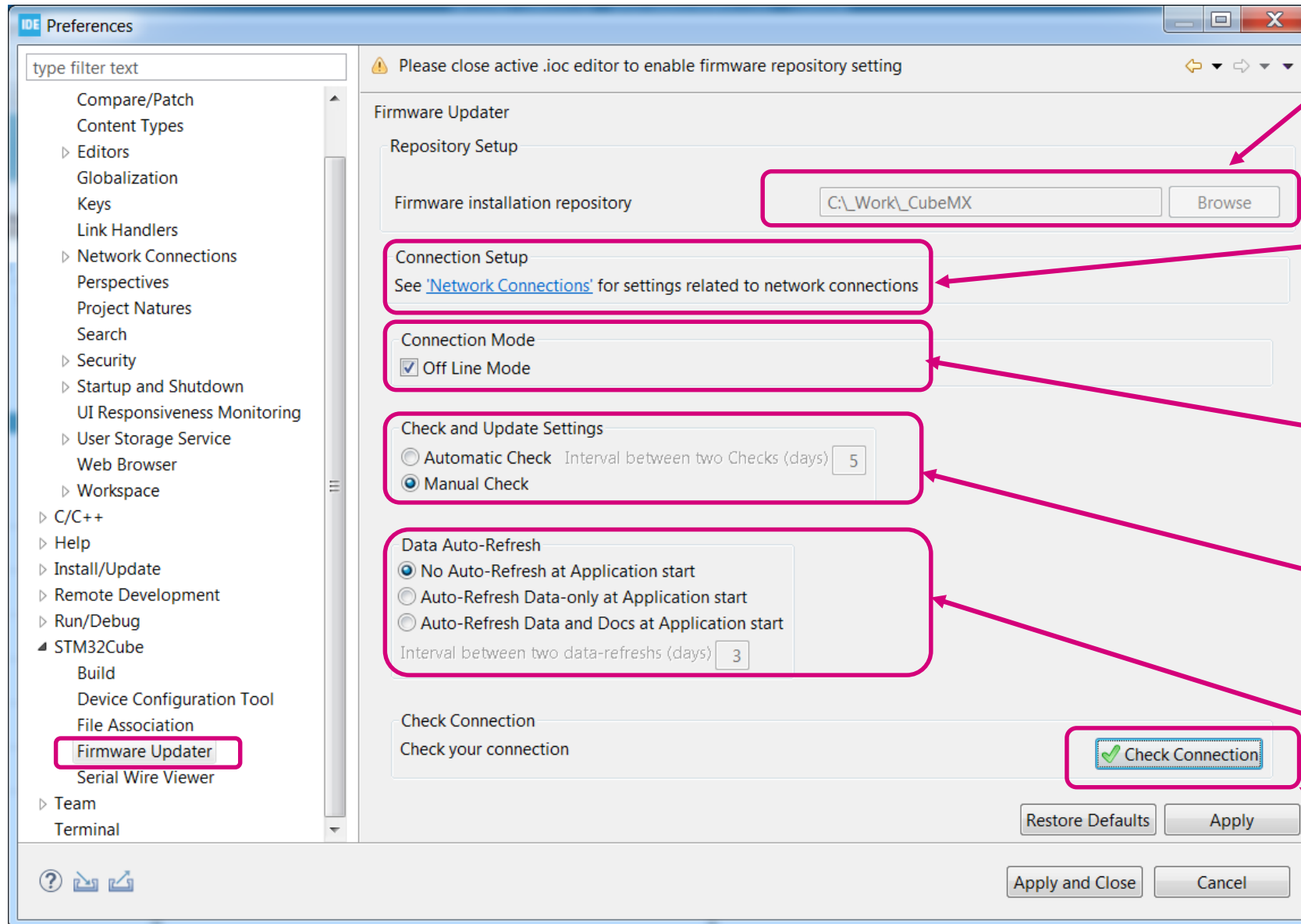
STM32CubeIDE repository

Objective:

- Demonstrate how to configure and manage libraries repository

Firmware updater configuration

Window->Preferences



Libraries installation location
(active only if **there is no open project** in current workspace)

Connection setup (redirection
to General->Network
Connection preferences)

Connection mode (on or off-
line)

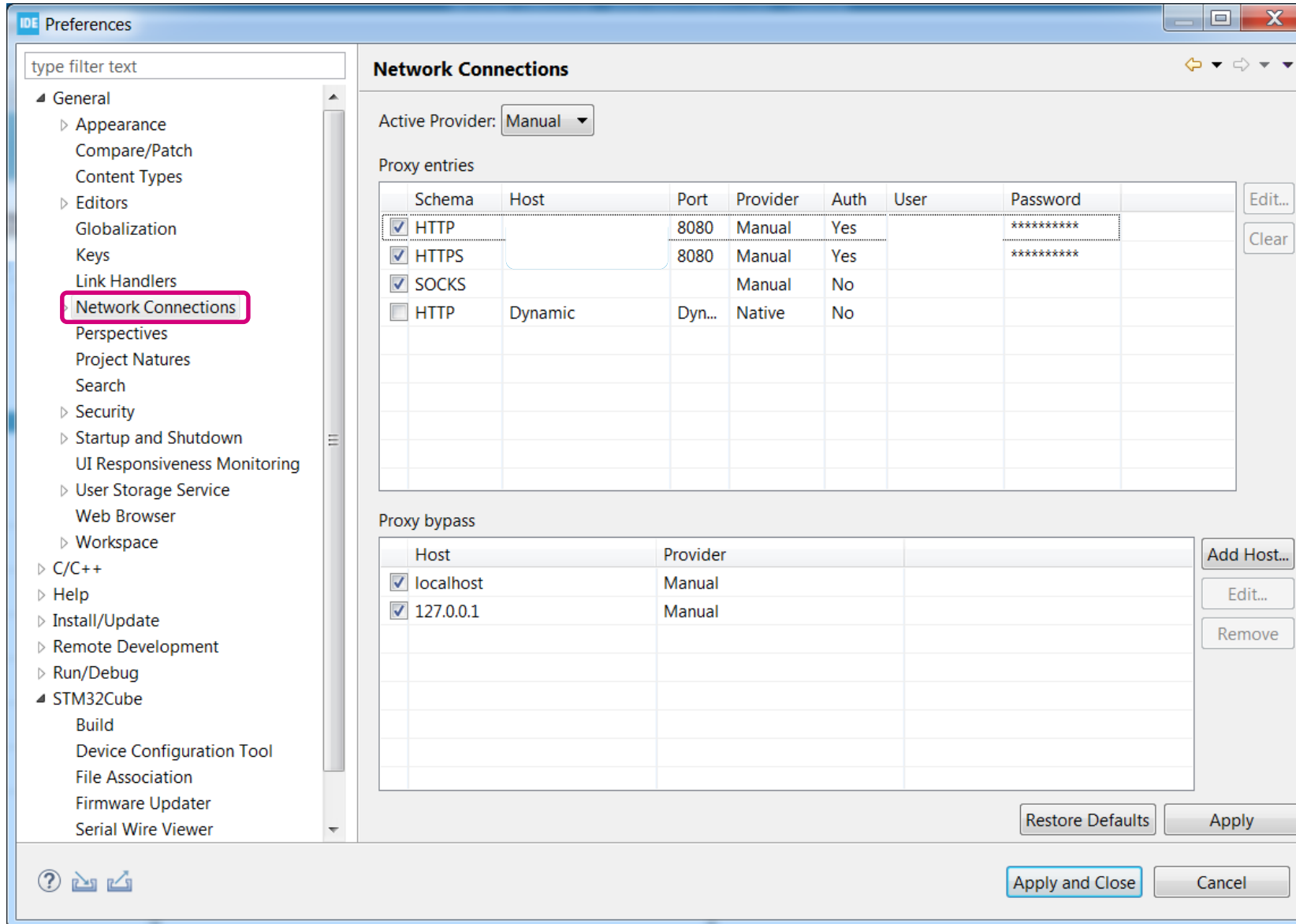
Check for updates settings
(automatic or manual)

Data auto-refresh settings

Checking the connection

Network connections configuration

Window->Preferences

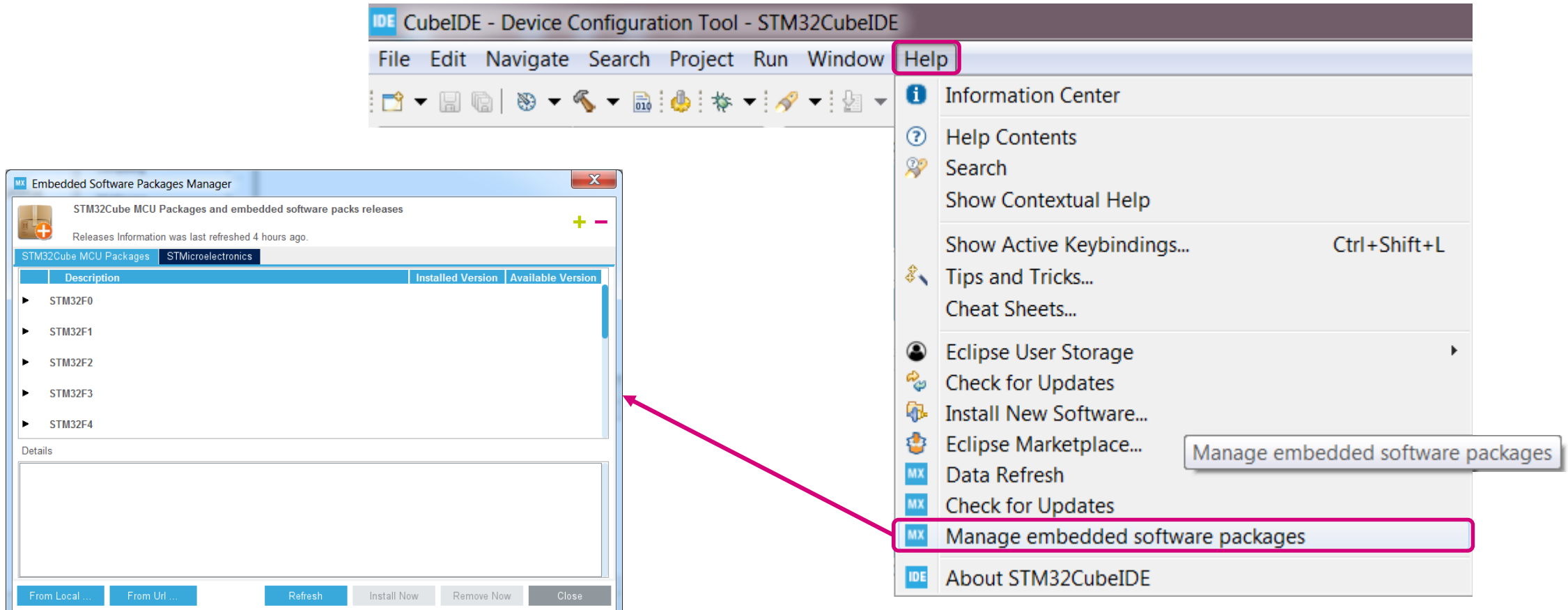


- Proxy entries for HTTP, HTTPS, SOCKS
- Proxy bypass settings

Manage installed libraries

- Software packages repository can be managed by:

Help-> Manage embedded software packages



The screenshot shows the STM32CubeIDE interface. The 'Help' menu is open, and the 'Manage embedded software packages' option is highlighted. A red arrow points from this menu item to the 'Embedded Software Packages Manager' window. The window displays a table of installed and available versions for STM32Cube MCU Packages.

Description	Installed Version	Available Version
▶ STM32F0		
▶ STM32F1		
▶ STM32F2		
▶ STM32F3		
▶ STM32F4		

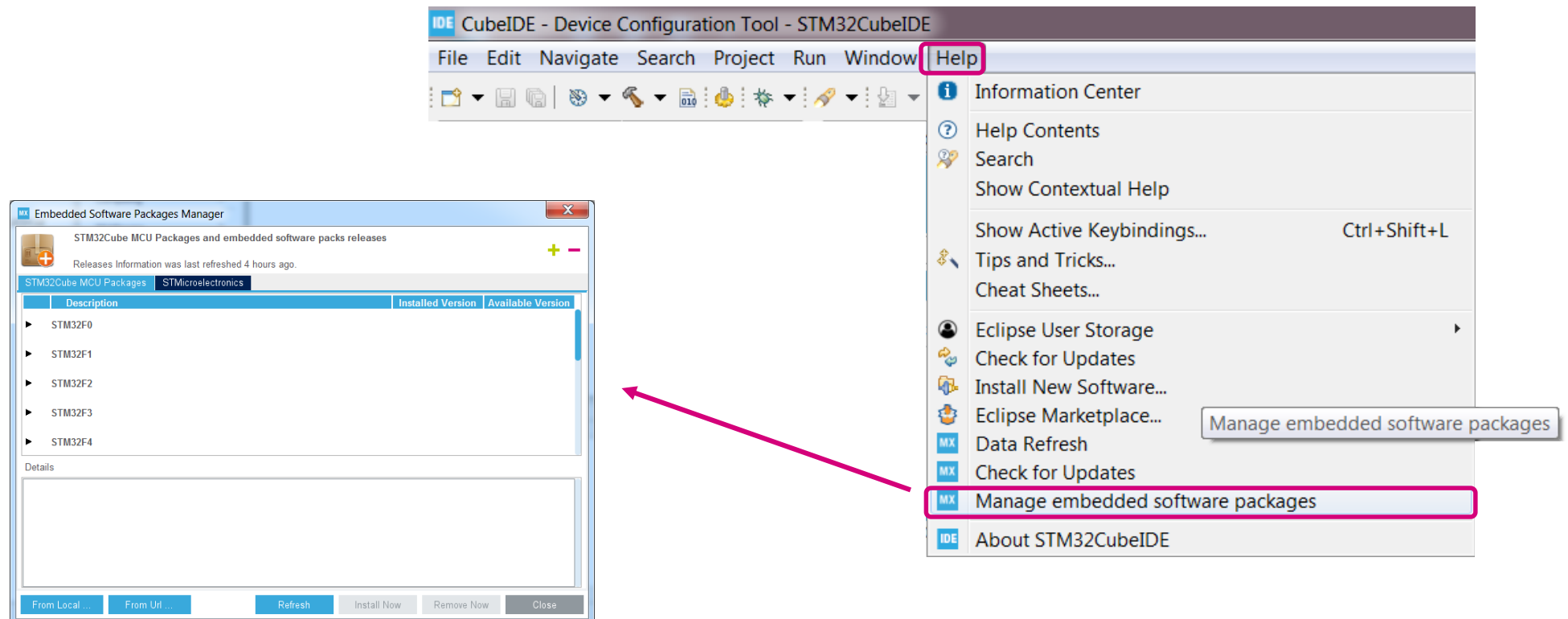
Details

From Local ... From Url ... Refresh Install Now Remove Now Close

Manage installed libraries

- Software packages repository can be managed if Device Configuration tool is initialized (any of .ioc project is opened)
- To run configuration:

Help-> Manage embedded software packages



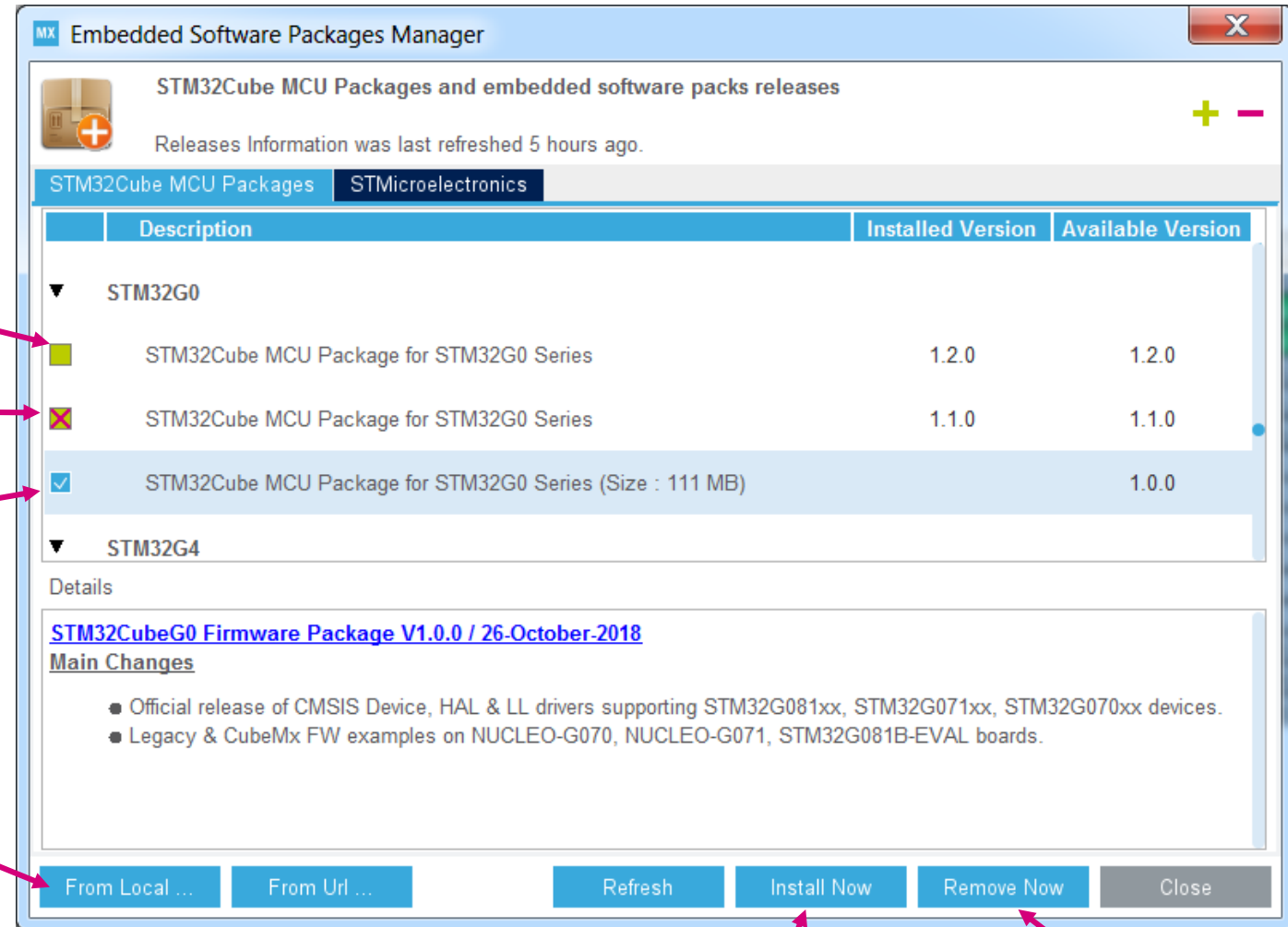
Manage installed libraries

Installed library

Mark library to be removed

Mark library to be installed

Install library from local file
(already downloaded library pack)



Remove marked
libraries

Install marked new
libraries

