

GEA-4-IF4

STM32CUBEIDE INSTALLATION GUIDE

STM32CUBEIDE

Installation and configuration guide

This guide contains 2 steps necessary to get a working configuration for programming on STM32U5 microcontrollers family using STM32CubeIDE, STM32CubeMX and the HAL library:

1. Software download and installation
2. Install Software Package for STM32U5 family

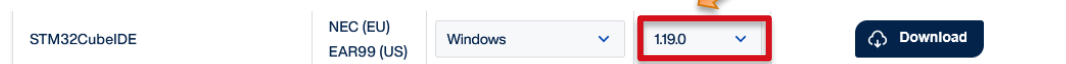
WARNING: Due to the current version installed at INSA Lyon, only download versions of STM32CubeIDE up to v1.19.0

Download software (approx. 1 Go)

- ➔ [Go to official STM32CubeIDE download page](#)
- ➔ On top of the page click **Get Software** button



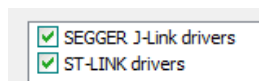
- ➔ Select installer for your Operating System



After logging with an ST account the form, wait for the page to refresh and start downloading.

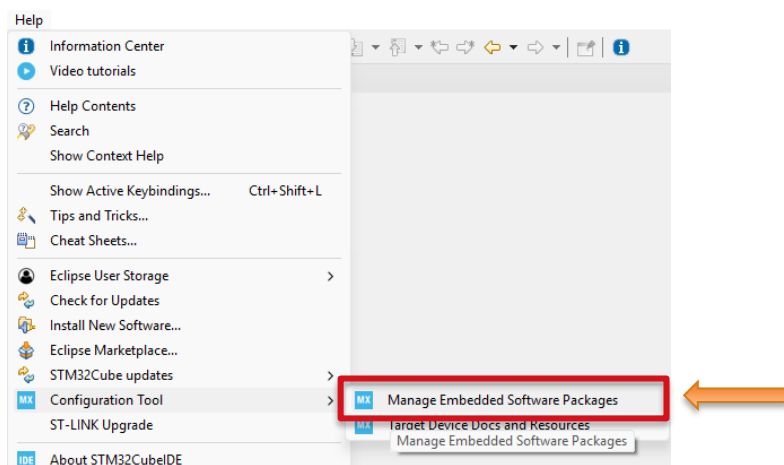
Install STM32CubeIDE

- ➔ Unzip and launch the downloaded install software. **Do NOT change the default installation directory** (ex. C:\ST\STM32CubeIDE_1.19.0).
- ➔ Keep all selected components to install (default)

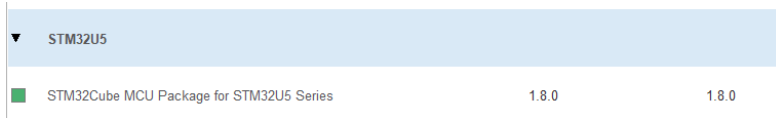


Install STM32Cube FW_U5 software package

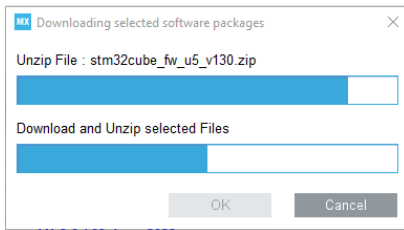
- ➔ Open STM32CubeIDE and select menu "Help" → "Configuration Tool" → "Manage Embedded Software Packages"



➔ Select latest **STM32U5 MCU Package** and click “Install” button



➔ Login or create an account if not done to install the software package



➔ Now follow the next guide “Create A New Project”!
