
System Workbench for STM32: free IDE on Windows[®], Linux and OS X[®]

Data brief

Features

- Comprehensive support for STM32 microcontrollers, STM32 Nucleo boards, Discovery kits and Evaluation boards, as well as STM32 firmware (Standard Peripheral library or STM32Cube HAL)
- GCC C/C++ compiler
- GDB-based debugger
- Eclipse IDE with team-work management
- Compatible with Eclipse plug-ins
- ST-LINK support
- No code size limit
- Multiple OS support: Windows[®], Linux and OS X[®]

Description

The System Workbench toolchain, called SW4STM32, is a free multi-OS software development environment based on Eclipse, which supports the full range of STM32 microcontrollers and associated boards.

The SW4STM32 toolchain may be obtained from the website www.openstm32.org, which includes forums, blogs, and trainings for technical support. Once registered to this site, users will get installation instructions at the Documentation > System Workbench page to proceed with the download of the free toolchain.

The System Workbench toolchain and its collaborative website have been built by AC6, a service company providing training and consultancy on embedded systems.

This product is supplied by a third party not affiliated to ST. For the latest information on the specification, refer to the third party's website: www.ac6.fr.

1 Revision history

Table 1. Document revision history

Date	Revision	Changes
09-Feb-2015	1	Initial release.
12-Feb-2015	2	Updated title and description.
08-Feb-2016	3	Updated title, <i>Features</i> and <i>Description</i> .
19-Apr-2016	4	Updated title and <i>Features</i> to add OS X operating system.

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