



## STM32 ST-LINK Utility release 2.2

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### About this release note

This release note contains information about the latest version of the STM32 ST-LINK Utility software:

- New features
- Improvements
- Program corrections
- Known problems in current version

### New features

#### Version 2.2

- Added support of STM32 F4 and STM32W.
- Added support of “Connect under reset” option.
- Flash modification via GUI and CLI commands.
- Added support of hardware reset in CLI mode.

#### Version 2.1

- ST-LINK/V2 support.
- Added support for STM32 F2 series microcontroller programming modes.
- Connected MCU revision ID Display.
- ST-LINK and ST-LINK/V2 firmware upgrade to V1J12S3 and V2J14S3, respectively.

#### Version 2.0

- Support of Intel Hex file and Motorola S-record file format.
- Command line interface.
- Automatic Mode: Programming and configuring STM32 devices in loop.
- Flash memory Blank Check.
- Compare the contents of the Flash memory with files.
- ST-LINK firmware upgrade to V1J11S3.

**Version 1.3**

- Added support for STM32 L1 ultralow power 32-bit microcontroller devices.
- Added support for STM32 F2 series microcontroller devices.

**Version 1.2**

- Added support of XL-density devices.

**Version 1.1**

- Support of Serial Wire Debug (SWD) interface added.

**Version 1.0**

- Initial release.

## Improvements

**Version 2.2**

- -w8 and -w32 CLI commands are able to program Flash memory.
- The Flash memory can be modified from the GUI even when it is not erased.

**Version 2.1**

- Automatic MCU voltage check with ST-LINK/V2.

**Version 2.0**

- Faster switch between device memory display and file display.
- Connection management enhancement.
- Core status displayed in the MCU Core window.

**Version 1.3**

- Flash mass erase and Option bytes programming progress display.

**Version 1.2**

- Connection management enhancement.

**Version 1.1**

- Connection error management enhancement.
- Debug interface and connection status display.

**Version 1.0**

- Initial release.

## Program corrections

### Version 2.2

- None

### Version 2.1

- Binary file save issue resolved with Windows7.

### Version 2.0

- Flash size is ignored for STM32 F2 series 32-bit microcontroller devices.

### Version 1.3

- None.

### Version 1.2

- None.

### Version 1.1

- Corrected “STM32 ST-LINK Utility user manual.pdf” name format at start Menu.

### Version 1.0

- Initial release.

## Known problems in current version

None.

## Customer support

This document is first released with version 2.1 of the software utility. Software released previously is documented internally and available upon request.

For more information, see the [STM32 ST-LINK utility user manual \(UM0892\)](#) and visit our website at [www.st.com](http://www.st.com).

## Revision history

**Table 1. Document revision history**

Date	Revision	Changes
01-Aug-2011	1	Initial release.
18-Oct-2011	2	Added <a href="#">Version 2.2</a> with support of STM32 F4 and STM32W series and attributes in <a href="#">New features</a> and <a href="#">Improvements</a> .

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