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## In-application programming with SD cards software expansion for STM32Cube

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Data brief

### Features

- Flash memory erase
- Flash memory programming
- SDCARD communication through SPI or SDMMC
- Flash memory write protection configuration
- Separation of application from loader

### Description

An important requirement for most Flash memory-based systems is the ability to update the firmware installed in the end product. This ability is referred to as in-application programming (IAP).

The X-CUBE-IAP-SD firmware package contains the source code of IAP examples based on STM32Cube.

For more details refer to the application note AN4854 available from [www.st.com](http://www.st.com).

# 1 Revision history

**Table 1. Document revision history**

Date	Revision	Changes
28-Jun-2016	1	Initial release.

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