STM32 ISI Firmware update

Prerequisites

Hardware

FT-Click 6050
RS232 or UART to send the binary

Software

The software requires windows (tested in windows 10)
STM32CubeIDE version 1.1.0 or above

Installation

Download the code from the repository: https://bitbucket.org/connectexteam/userlibs/src/master/
Open STM32CubeIDE
Create a workspace. This workspace must be outside the git repository folder so you don't mix your workspace settings with the repo files (the projects will be imported to your workspace)

Compile the code using STM32CubeIde, the project location inside the repositoy is firmware\mikroe_r1_01\ , please read Doc/FtClick Application Examples.pdf section 5 to import the project. When project is imported press build button.

Connect the FT-click to the PC using the UART device.

Use utility firmware_upater located in utilities\firmware_updater\Updater.exe
- Updater.exe COM ../../firmware/mikroe_r1_01/Debug/mikroe_r1_01_shortstack_ccp.bin