

Realtek NAS SDK Factory Tool



Agenda

- Configuration
- Usage
- Specify correct MTD partition when using SPI board



Configuration

- Before compiling this tool, the **cross compile toolchain directory** and **board type** should be set properly.
 - If this tool is compiled as an OpenWRT package, there is no need to configure the makefile manually.
- The configuration details are described in README file.
(apps/utis/factory-tool/README)



Usage

- 1. Manipulate U-Boot Environment Variables

`factory (load|set|save|list) [variable] [value]`

- 2. Set U-Boot flags

`factory (flag|unflag) FLAGNAME`

- FLAGNAME: (ACRECOVERY|SHUTDOWN)

- 3. Set RTC alarm

`factory (set|read) [timestamp]`



Specify correct MTD partition when using SPI board

- Commands of RTK factory tool involve read/write operations to factory data stored in flash devices.
- The factory data of SPI board is stored in the start of “/dev/mtd2” by default.
- If the partition or the address of factory data has been modified, the related variables in source code should be modified too.
- The details of how to set the read/write position of factory tool are described in README file.
(apps/utlis/factory-tool/README)