

MMC tools introduction

There is one MMC test tools called mmc-utils, which is maintained by Ulf Hansson, you can find it at the below public git repository:

<https://git.kernel.org/pub/scm/utils/mmc/mmc-utils.git>

Functions

The mmc-utils tools can do the following:

- Print and parse extcsd data.
- Determine the eMMC writeprotect status.
- Set the eMMC writeprotect status.
- Set the eMMC data sector size to 4KB by disabling emulation.
- Create general purpose partition.
- Enable the enhanced user area.
- Enable write reliability per partition.
- Print the response to STATUS_SEND (CMD13).
- Enable the boot partition.
- Set Boot Bus Conditions.
- Enable the eMMC BKOPS feature.
- Permanently enable the eMMC H/W Reset feature.
- Permanently disable the eMMC H/W Reset feature.
- Send Sanitize command.
- Program authentication key for the device.
- Counter value for the rpmb device will be read to stdout.
- Read from rpmb device to output.
- Write to rpmb device from data file.
- Enable the eMMC cache feature.
- Disable the eMMC cache feature.
- Print and parse CID data.
- Print and parse CSD data.
- Print and parse SCR data.