programmer_image_tool user manual

1. usage description

```
NAME
        programmer_image_tool - creating image for programming on flash
SYNOPSIS
        programmer_image_tool [-iotbpsvh]
DESCRIPTION
        This tool aims to convert firmware into image for programming
        From now on,it can support slc nand(rk)|spi nand|nor|emmc.
OPTIONS:
          -i    input file
          -o    output directory
          -t    storage type,range in[SLC|SPINAND|SPINOR|EMMC]
          -f    input format,range in[UPDATE|PARAMETER|IMAGE]
          -b    block size,unit KB
          -p    page size,unit KB
          -s    oob size,unit B
          -2    2k data in one page
          -1    single idblock
          -d    set idblock start sector
          -l    using page linked list
          -v    show version
```

2. example

2.1 type=emmc

```
./programmer_image_tool -i update.img -t emmc
```

when running done, it will generate a out_image.bin under the program dir

2.2 type=nor

```
./programmer_image_tool -i update.img -t spinor
```

when running done, it will generate a out_image.binunder the program dir

2.3 type=spi nand block=256k page=4k

```
./programmer_image_tool -i update.img -b 256 -p 4 -t spinand -o out
```

when running done, it will generate images named with "partiiton_name.img" saving under the out dir

2.4 type=slc nand block=256k page=4k oob=256B 2k_page

```
./programmer_image_tool -i update.img -b 256 -p 4 -s 256 -t slc -2 -o rockdev
```

when running done, it will generate images named with "partiiton_name.img" saving under the rockdev dir