

SoftUSB2 (2.0.22)

Commands description

1. **Install** – install and configures u-boot to support SoftUSB2

Syntax:

softusb2.sh install <uboot>

uboot – which u-boot you want to use, possible choices: 1st or 2nd (for UFS910) and ipbox (for Ipbox).

2. **Uninstall** – uninstalls u-boot and removes configuration

Syntax:

softusb2.sh uninstall

3. **Set** – this command changes SoftUSB2 configuration

Syntax:

softusb2.sh set <command>

command – command to run

- set device – assigns device used with SoftUSB2

Syntax:

softusb2.sh set device <dev> <fs> <label> [<ubootdev>]

dev – device type, possible choices: usb i ide

fs – file-system type, possible choices: fat i ext. Default is fat.

label – partition label. Default and recommended value is UFS910

ubootdev – device in uboot notation. This parameter should be only used in IPbox

- **set bootmenu** – defines bootmenu item count and selection timeout.

Syntax:

softusb2.sh set bootmenu <items> <timeout>

items – item count

timeout – timeout in seconds before running selected item.

- **set lastboot** – set default bootmenu item and enables/disables auto save of last ran item.

Syntax:

softusb2.sh set lastboot <item> [<remember>]

item – item number 1 to 9

remember – auto-save last selection or not, possible choices: yes or no.

- **set net** – set network configuration in uboot

Syntax:

Softusb2.sh set net <ip> <netmask> <gateway> [<serverip>]
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ip – network ip address

netmask – network mask, usually 255.255.255.0

gateway – network gateway

serverip – nfs server ip address (optional)

- **set mac** – set mac address in uboot

Syntax:

softusb2.sh set mac <mac>

mac – physical address written: XX:XX:XX:XX:XX.

- **set env** – custom u-boot entry

Syntax:

softusb2.sh set env <name> <value>

name – entry name

value – entry value

- **set image** – bootmenu item configuration

Syntax:

softusb2.sh set image <item> <vfd-text> <soft> <loader>
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item – item number, values from 1 to 9

vfd-text – text shown on VFD

soft – software type, possible choices: pvr104, pvr105, pvr106, pvr107, pvr200, e2 (for Ipbox it is e2 & dgs). (pvr means Kathrein software and version). Also value auto is acceptable, will try to determinate software type.

loader – loader type, choices:

- softusb <file> - software in *.part file, *file* is a file name with out extension
- part <label> - software on partition with label *label*
- part <dev> <ubootdev> - software on partition, classic method. dev is a device in Linux notation, e.g /dev/sda1, *ubootdev* is device in u-boot notation e.g 0:1
- partdir <dir> <dev> [<ubootdev>] - software on partition in separate directory. Other options are same as in *part*. Dev can be a label.
- flash [<dev>] – software from flash, dev is a device in Linux notation, optional, default value: /dev/mtdblock3
- nfs <path> – software from NFS server. Server address is defined in u-boot netowk configuration. *path* is a path on nfs server, e.g. /nfs/enigma2.

- **set flash** – set flash software type

Syntax:

softusb2.sh set flash <soft>

soft – software type, possible choices: pvr104, pvr105, pvr106, pvr107, pvr200, e2 (for Ipbox it is e2 & dgs). (pvr means Kathrein software and version). Also acceptable value is auto, will try to determinate software type.

4. **mkimage** – creates softusb file from tar.gz archive

Syntax:

Softusb2.sh mkimage <file> <name> [<size>]

file – tar.gz archive

name – softusb file name

size – softusb file size in MB. Optional, default value is 128.

5. mkswap – creates swap file.

Syntax:

Softusb2.sh mkswap [<i><size></i>]

size – swap file size in MB. Optional, default value is 64.

6. extract – extracts tar.gz archive to partition (and directory)

Syntax:

Softusb2.sh extract <i><file></i> <i><dev></i> [<i><dir></i>]
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file – tar.gz archive

dev – device or label, e.g.: /dev/sda1 or LABEL

dir – directory on partition where to extract software, directory will be created automatically, e.g.: /images/e2. Optional argument, if not specified archive is extracted directly on partition.

7. status – shows current configuration of bootmenu and u-boot (if possible)

Syntax:

Softusb2.sh status
