

Yocto Linux

i2SOMYoctodownload

```
$ tar xvf i2som-release-bsp.tar.gz
$ tar xvf yocto-downloads.tar.xz -C ./i2som-release-bsp
$ cd i2som-release-bsp
$ DISTRO=i2som-imx-fb MACHINE=i2c-b6ull source fsl-release-environment -b build
```

Yoctobuildshell

i2SOM"-dev"

i2som-cli	(CommandLine Prd)		
i2som-cli-dev	(CommandLine Dev)		
i2som-image-qt5	Qt5(GUI Qt5 Prd)	FramebufferQt5	
i2som-image-qt5-dev	Qt5(GUI Qt5 Dev)	FramebufferQt5	

(CommandLine Prd)

i2C-B6ULL

```
$ bitbake i2som-cli
```

 CPUCPUYoctoSSDHDD

"tmp/deploy/images/i2c-b6ull/"

```
$ ls -la tmp/deploy/images/i2c-b6ull/
total 6371052
drwxr-xr-x 2 steve steve    4096 Oct  5 23:43 .
drwxr-xr-x 3 steve steve    4096 Oct  3 15:35 ..
-rw-r--r-- 1 steve steve 524288000 Oct  4 23:36 i2som-cli-dev-i2c-b6ull-20171004153524.rootfs.ext4
-rw-r--r-- 1 steve steve   45256 Oct  4 23:35 i2som-cli-dev-i2c-b6ull-20171004153524.rootfs.manifest
-rw-r--r-- 1 steve steve 541065216 Oct  4 23:36 i2som-cli-dev-i2c-b6ull-20171004153524.rootfs.sdcard
-rw-r--r-- 1 steve steve 112020114 Oct  4 23:36 i2som-cli-dev-i2c-b6ull-20171004153524.rootfs.tar.bz2
-rw-r--r-- 1 steve steve 77024872 Oct  4 23:36 i2som-cli-dev-i2c-b6ull-20171004153524.rootfs.tar.xz
lrwxrwxrwx 1 steve steve     50 Oct  4 23:36 i2som-cli-dev-i2c-b6ull.ext4 -> i2som-cli-dev-i2c-b6ull-20171004153524.rootfs.ext4
lrwxrwxrwx 1 steve steve     54 Oct  4 23:35 i2som-cli-dev-i2c-b6ull.manifest -> i2som-cli-dev-i2c-b6ull-20171004153524.rootfs.manifest
lrwxrwxrwx 1 steve steve     52 Oct  4 23:36 i2som-cli-dev-i2c-b6ull.sdcard -> i2som-cli-dev-i2c-b6ull-20171004153524.rootfs.sdcard
lrwxrwxrwx 1 steve steve     53 Oct  4 23:36 i2som-cli-dev-i2c-b6ull.tar.bz2 -> i2som-cli-dev-i2c-b6ull-20171004153524.rootfs.tar.bz2
lrwxrwxrwx 1 steve steve     52 Oct  4 23:36 i2som-cli-dev-i2c-b6ull.tar.xz -> i2som-cli-dev-i2c-b6ull-20171004153524.rootfs.tar.xz
-rw-r--r-- 1 steve steve 314572800 Oct  4 23:30 i2som-cli-i2c-b6ull-20171004153016.rootfs.ext4
-rw-r--r-- 1 steve steve   8469 Oct  4 23:30 i2som-cli-i2c-b6ull-20171004153016.rootfs.manifest
-rw-r--r-- 1 steve steve 331350016 Oct  4 23:31 i2som-cli-i2c-b6ull-20171004153016.rootfs.sdcard
-rw-r--r-- 1 steve steve 64278254 Oct  4 23:30 i2som-cli-i2c-b6ull-20171004153016.rootfs.tar.bz2
-rw-r--r-- 1 steve steve 43253996 Oct  4 23:31 i2som-cli-i2c-b6ull-20171004153016.rootfs.tar.xz
-rw-r--r-- 1 steve steve 314572800 Oct  5 20:17 i2som-cli-i2c-b6ull-20171005121649.rootfs.ext4
-rw-r--r-- 1 steve steve   8469 Oct  5 20:17 i2som-cli-i2c-b6ull-20171005121649.rootfs.manifest
-rw-r--r-- 1 steve steve 331350016 Oct  5 20:18 i2som-cli-i2c-b6ull-20171005121649.rootfs.sdcard
-rw-r--r-- 1 steve steve 64279538 Oct  5 20:17 i2som-cli-i2c-b6ull-20171005121649.rootfs.tar.bz2
```

```

-rw-r--r-- 1 steve steve 43264996 Oct 5 20:18 i2som-cli-i2c-b6ull-20171005121649.rootfs.tar.xz
lrwxrwxrwx 1 steve steve 46 Oct 5 20:17 i2som-cli-i2c-b6ull.ext4 -> i2som-cli-i2c-b6ull-20171005121649.rootfs.ext4
lrwxrwxrwx 1 steve steve 50 Oct 5 20:17 i2som-cli-i2c-b6ull.manifest -> i2som-cli-i2c-b6ull-20171005121649.rootfs.manifest
lrwxrwxrwx 1 steve steve 48 Oct 5 20:18 i2som-cli-i2c-b6ull.sdcard -> i2som-cli-i2c-b6ull-20171005121649.rootfs.sdcard
lrwxrwxrwx 1 steve steve 49 Oct 5 20:18 i2som-cli-i2c-b6ull.tar.bz2 -> i2som-cli-i2c-b6ull-20171005121649.rootfs.tar.bz2
lrwxrwxrwx 1 steve steve 48 Oct 5 20:18 i2som-cli-i2c-b6ull.tar.xz -> i2som-cli-i2c-b6ull-20171005121649.rootfs.tar.xz
-rw-r--r-- 1 steve steve 784334848 Oct 5 21:59 i2som-image-qt5-i2c-b6ull-20171005133056.rootfs.ext4
-rw-r--r-- 1 steve steve 39543 Oct 5 21:59 i2som-image-qt5-i2c-b6ull-20171005133056.rootfs.manifest
-rw-r--r-- 1 steve steve 801112064 Oct 5 21:59 i2som-image-qt5-i2c-b6ull-20171005133056.rootfs.sdcard
-rw-r--r-- 1 steve steve 165727603 Oct 5 21:59 i2som-image-qt5-i2c-b6ull-20171005133056.rootfs.tar.bz2
-rw-r--r-- 1 steve steve 104113036 Oct 5 22:00 i2som-image-qt5-i2c-b6ull-20171005133056.rootfs.tar.xz
lrwxrwxrwx 1 steve steve 52 Oct 5 21:59 i2som-image-qt5-i2c-b6ull.ext4 -> i2som-image-qt5-i2c-b6ull-20171005133056.rootfs.ext4
lrwxrwxrwx 1 steve steve 56 Oct 5 21:59 i2som-image-qt5-i2c-b6ull.manifest -> i2som-image-qt5-i2c-b6ull-20171005133056.rootfs.manifest
lrwxrwxrwx 1 steve steve 54 Oct 5 21:59 i2som-image-qt5-i2c-b6ull.sdcard -> i2som-image-qt5-i2c-b6ull-20171005133056.rootfs.sdcard
lrwxrwxrwx 1 steve steve 55 Oct 5 22:00 i2som-image-qt5-i2c-b6ull.tar.bz2 -> i2som-image-qt5-i2c-b6ull-20171005133056.rootfs.tar.bz2
lrwxrwxrwx 1 steve steve 54 Oct 5 22:00 i2som-image-qt5-i2c-b6ull.tar.xz -> i2som-image-qt5-i2c-b6ull-20171005133056.rootfs.tar.xz
-rw-r--r-- 2 steve steve 1085854 Oct 5 21:42 modules--4.1.15-r0-i2c-b6ull-20171005133056.tgz
lrwxrwxrwx 1 steve steve 47 Oct 5 21:42 modules-i2c-b6ull.tgz -> modules--4.1.15-r0-i2c-b6ull-20171005133056.tgz
-rw-r--r-- 2 steve steve 294 Oct 5 21:57 README_-_DO_NOT_DELETE_FILES_IN_THIS_DIRECTORY.txt
-rwxr-xr-x 2 steve steve 388096 Oct 5 20:17 u-boot-emmc-1.0-r0.imx
lrwxrwxrwx 1 steve steve 22 Oct 5 20:17 u-boot-i2c-b6ull.imx -> u-boot-nand-1.0-r0.imx
lrwxrwxrwx 1 steve steve 22 Oct 5 20:17 u-boot-i2c-b6ull.imx-emmc -> u-boot-emmc-1.0-r0.imx
lrwxrwxrwx 1 steve steve 22 Oct 5 20:17 u-boot-i2c-b6ull.imx-nand -> u-boot-nand-1.0-r0.imx
lrwxrwxrwx 1 steve steve 20 Oct 5 20:17 u-boot-i2c-b6ull.imx-sd -> u-boot-sd-1.0-r0.imx
lrwxrwxrwx 1 steve steve 22 Oct 5 20:17 u-boot.imx -> u-boot-nand-1.0-r0.imx
lrwxrwxrwx 1 steve steve 22 Oct 5 20:17 u-boot.imx-emmc -> u-boot-emmc-1.0-r0.imx
lrwxrwxrwx 1 steve steve 22 Oct 5 20:17 u-boot.imx-nand -> u-boot-nand-1.0-r0.imx
lrwxrwxrwx 1 steve steve 20 Oct 5 20:17 u-boot.imx-sd -> u-boot-sd-1.0-r0.imx
-rwxr-xr-x 2 steve steve 441344 Oct 5 20:17 u-boot-nand-1.0-r0.imx
-rwxr-xr-x 2 steve steve 388096 Oct 5 20:17 u-boot-sd-1.0-r0.imx
lrwxrwxrwx 1 steve steve 46 Oct 5 21:42 zImage -> zImage--4.1.15-r0-i2c-b6ull-20171005133056.bin
-rw-r--r-- 2 steve steve 6514760 Oct 5 21:42 zImage--4.1.15-r0-i2c-b6ull-20171005133056.bin
-rw-r--r-- 2 steve steve 36023 Oct 5 21:42 zImage--4.1.15-r0-i2c-b6ull-emmc-20171005133056.dtb
-rw-r--r-- 2 steve steve 36425 Oct 5 21:42 zImage--4.1.15-r0-i2c-b6ull-nand-20171005133056.dtb
lrwxrwxrwx 1 steve steve 46 Oct 5 21:42 zImage-i2c-b6ull.bin -> zImage--4.1.15-r0-i2c-b6ull-20171005133056.bin
lrwxrwxrwx 1 steve steve 51 Oct 5 21:42 zImage-i2c-b6ull-emmc.dtb -> zImage--4.1.15-r0-i2c-b6ull-emmc-20171005133056.dtb
lrwxrwxrwx 1 steve steve 51 Oct 5 21:42 zImage-i2c-b6ull-nand.dtb -> zImage--4.1.15-r0-i2c-b6ull-nand-20171005133056.dtb

```

*.ext4	ext4
*.manifest	
*.sdcard	u-boot,kernelsdcardsdcard
*.tar.bz2	tar.bz2
*.tar.xz	tar.xz
u-boot-nand-1.0-r0.imx	NANDu-booti2S-6ULLNAND
u-boot-sd-1.0-r0.imx	SDu-booti2S-6ULLNAND

u-boot-emmc-1.0-r0.imx	eMMCu-booti2S-6ULLeMMC
zImage--4.1.15-r0-i2c-b6ull-20171005133056.bin	Linux kernel zImagei2C-B6ULL
zImage--4.1.15-r0-i2c-b6ull-emmc-20171005133056.dtb	DeviceTreei2S-6ULLeMMCi2C-B6ULL
zImage--4.1.15-r0-i2c-b6ull-nand-20171005133056.dtb	DeviceTreei2S-6ULLNANDi2C-B6ULL
modules--4.1.15-r0-i2c-b6ull-20171005133056.tgz	Linux kernelLinux kernelM