

# Software version identification

## u-boot

The u-boot version is displayed as the first line on the console during boot-up:

u-boot version
<pre>U-Boot 2013.04 (Feb 13 2015 - 17:42:59)  CPU: Freescale i.MX6Q rev1.2 at 792 MHz CPU: Temperature 34 C, calibration data: 0x5b14f17d Reset cause: POR Board: MX6Q/ICO-TTJ500 I2C: ready DRAM: 1 GiB MMC: FSL_SDHC: 0, FSL_SDHC: 1, FSL_SDHC: 2 *** Warning - bad CRC, using default environment  No panel detected: default to Hannstar-XGA Display: Hannstar-XGA (1024x768) In: serial Out: serial Err: serial Found PFUZE100! deviceid=10,revid=11 mmc0 is current device Net: Calling phydev-&gt;drv-&gt;config FEC [PRIME] Warning: failed to set MAC address  Normal Boot Hit any key to stop autoboot: 0 mmc0 is current device reading boot.scr ** Unable to read file boot.scr ** reading uImage 6006168 bytes read in 400 ms (14.3 MiB/s) Booting from mmc ... reading imx6q-ttj500-ldo.dtb 44273 bytes read in 21 ms (2 MiB/s) ## Booting kernel from Legacy Image at 12000000 ... Image Name: Linux-3.10.17-rt12-1.0.2_ga+g335 Image Type: ARM Linux Kernel Image (uncompressed) Data Size: 6006104 Bytes = 5.7 MiB Load Address: 10008000 Entry Point: 10008000 Verifying Checksum ... OK ## Flattened Device Tree blob at 18000000 Booting using the fdt blob at 0x18000000 Loading Kernel Image ... OK OK Using Device Tree in place at 18000000, end 1800dcf0  Starting kernel ...</pre>

## Linux kernel

The kernel version can be obtained by logging in as root onto the target and entering the command `uname -a`

kernel version
<pre>Linux imx6qttj500 3.10.17-rt12-1.0.2_ga+g33597e3 #1 SMP PREEMPT RT Fri Feb 13 15:39:50 GMT 2015 armv7l GNU/Linux</pre>

## TransferJet drivers

The TransferJet™ driver build version is announced during start-up. It can be found by entering the command `dmesg | grep TransferJet`

TransferJet driver version
[ 11.452836] Toshiba TransferJet(TM) Icoteg Build Version: CS1.3_icol

## TransferJet obex service

The TransferJet™ obex service application version can be found in its log file at `/tmp/tjet-service.log`:

TransferJet obex service version
Set default path. ### Install driver modules ... +++ install tososcmm ... OK. +++ install tosbuscmm ... OK. +++ install toscnlfit ... OK. +++ install tosiofit ... OK. +++ install toscnl ... OK. ### Make device node ... +++ major number = 247 +++ making CnlFitCtrl device node /dev/CnlFitCtrl0...OK. +++ making CnlFitCtrl device node /dev/CnlFitCtrl1...OK. +++ making CnlFitCtrl device node /dev/CnlFitCtrl2...OK. +++ /dev/CnlFitCtrl is linked to /dev/CnlFitCtrl0 +++ major number = 246 +++ making CnlFitAdpt device node /dev/CnlFitAdpt0...OK. +++ making CnlFitAdpt device node /dev/CnlFitAdpt1...OK. +++ making CnlFitAdpt device node /dev/CnlFitAdpt2...OK. +++ /dev/CnlFitAdpt is linked to /dev/CnlFitAdpt0 Set default path. ### Install driver modules ... tososcmm module has been already installed... +++ install tososscsi ... OK. +++ install tossipipe ... OK. +++ install tosiosip ... OK. ### Make device node ... +++ major number = 245 +++ making ScsiPipe device node /dev/ScsiPipe0...OK. +++ making ScsiPipe device node /dev/ScsiPipe1...OK. +++ making ScsiPipe device node /dev/ScsiPipe2...OK. +++ /dev/ScsiPipe is linked to /dev/ScsiPipe0 tjetObexService version: v0.1.0

## Python GUI Application

The TransferJet™ obex service application version can be found in its log file at `/tmp/pytjet.log`:

## Python GUI version


```
** Message: pygobject_register_sinkfunc is deprecated (GstObject)
2015-02-15 14:01:44,880 - pytjet_icoteq.__main__ - INFO - Starting PytjetIcoteq 0.1.0

** (pytjet-icoteq:723): WARNING **: Trying to register gtype 'GMountMountFlags' as enum when in
fact it is of type 'GFlags'

** (pytjet-icoteq:723): WARNING **: Trying to register gtype 'GDriveStartFlags' as enum when in
fact it is of type 'GFlags'

** (pytjet-icoteq:723): WARNING **: Trying to register gtype 'GSocketMsgFlags' as enum when in
fact it is of type 'GFlags'
2015-02-15 14:01:45,695 - pytjet_icoteq.config - INFO - Loading config from: builtin defaults,
/home/root/gui.conf, command line options
2015-02-15 14:01:45,710 - pytjet_icoteq.__main__ - INFO - Starting TJET core...
2015-02-15 14:01:45,711 - pytjet_icoteq.__main__ - INFO - GTK initialization check None
2015-02-15 14:01:45,711 - pytjet_icoteq.__main__ - INFO - Starting extensions: TjetUI, Button
2015-02-15 14:01:45,881 - pytjet_icoteq.button - INFO - Registered button device gpio-keys.26
2015-02-15 14:01:45,885 - pytjet_icoteq.client - INFO - Started as Obex Client
2015-02-15 14:01:45,889 - pytjet_icoteq.__main__ - INFO - Entering GTK main...
```

## Related articles

 [Setting up a USB tty serial connection to the HDP-TTJ-500](#)