

```

parthiban@parthi:~/git/hw/intel/edison/arduino/arduino-1.5.3-Intel.1.0.4$ sudo ./arduino
Board arduino:x86:izmir_fd doesn't define a 'build.board' preference. Auto-set to: X86_IZMIR_FD
Board arduino:x86:izmir_fg doesn't define a 'build.board' preference. Auto-set to: X86_IZMIR_FG
Board arduino:edison:izmir_ec doesn't define a 'build.board' preference. Auto-set to:
EDISON_IZMIR_EC
Experimental: JNI_OnLoad called.
Stable Library
=====
Native lib Version = RXTX-2.1-7
Java lib Version = RXTX-2.1-7
RXTX fhs_lock() Error: creating lock file: /var/lock/LCK..ttyUSB0: File exists
RXTX fhs_lock() Error: creating lock file: /var/lock/LCK..ttyUSB0: File exists
Binary sketch size: 76,095 bytes (of a 10,000,000 byte maximum) - 0% used
starting download script
Args to shell: /home/parthiban/git/hw/intel/edison/arduino/arduino-1.5.3-
Intel.1.0.4/hardware/tools /tmp/build4423963141837630269.tmp/Blink.cpp.elf /dev/ttyACM0
Serial Port PORT
Using tty Port /dev/ttyACM0
Sending Command String to move to download if not already in download mode
#!/bin/sh

echo "starting download script"
echo "Args to shell:" $*
#
# ARG 1: Path to lsz executable.
# ARG 2: Elf File to download
# ARG 3: TTY port to use.
#
#path may contain \ need to change all to /
path_to_exe=$1
fixed_path=${path_to_exe//\\}
#
tty_port_id=$3
echo "Serial Port PORT" $com_port_id
echo "Using tty Port" $tty_port_id
#
echo "Sending Command String to move to download if not already in download mode"
echo "~sketch download" > $tty_port_id
#Give the host time to stop the process and wait for download
sleep 1
#
Deleting existing sketch on target
#Move the existing sketch on target.
echo "Deleting existing sketch on target"
"$fixed_path/lsz" --escape -c "mv -f /sketch/sketch.elf /sketch/sketch.elf.old" < $tty_port_id >
$tty_port_id

Transfer complete
#
# Execute the target download command
#
#Download the file.

```

host\_file\_name=\$2

"\$fixed\_path/lsz" --escape --binary --overwrite \$host\_file\_name < \$tty\_port\_id > \$tty\_port\_id

Sending: Blink.cpp.elf

Bytes Sent: 1024/ 75672 BPS:545323 ETA 00:00  
Bytes Sent: 9216/ 75672 BPS:3586112 ETA 00:00  
Bytes Sent: 10240/ 75672 BPS:3839591 ETA 00:00  
Bytes Sent: 11264/ 75672 BPS:4093280 ETA 00:00  
Bytes Sent: 12288/ 75672 BPS:4337620 ETA 00:00  
Bytes Sent: 13312/ 75672 BPS:4554206 ETA 00:00  
Bytes Sent: 14336/ 75672 BPS:4742451 ETA 00:00  
Bytes Sent: 15360/ 75672 BPS:4918652 ETA 00:00  
Bytes Sent: 16384/ 75672 BPS:5112295 ETA 00:00  
Bytes Sent: 17408/ 75672 BPS:5273704 ETA 00:00  
Bytes Sent: 18432/ 75672 BPS:5461632 ETA 00:00  
Bytes Sent: 19456/ 75672 BPS:5680778 ETA 00:00  
Bytes Sent: 20480/ 75672 BPS:5900490 ETA 00:00  
Bytes Sent: 21504/ 75672 BPS:6008547 ETA 00:00  
Bytes Sent: 22528/ 75672 BPS:6152046 ETA 00:00  
Bytes Sent: 23552/ 75672 BPS:6350234 ETA 00:00  
Bytes Sent: 24576/ 75672 BPS:6539729 ETA 00:00  
Bytes Sent: 25600/ 75672 BPS:6647732 ETA 00:00  
Bytes Sent: 26624/ 75672 BPS:6509802 ETA 00:00  
Bytes Sent: 27648/ 75672 BPS:6595615 ETA 00:00  
Bytes Sent: 28672/ 75672 BPS:6663291 ETA 00:00  
Bytes Sent: 29696/ 75672 BPS:6689980 ETA 00:00  
Bytes Sent: 30720/ 75672 BPS:6746021 ETA 00:00  
Bytes Sent: 31744/ 75672 BPS:6804864 ETA 00:00  
Bytes Sent: 32768/ 75672 BPS:6848320 ETA 00:00  
Bytes Sent: 33792/ 75672 BPS:6892332 ETA 00:00  
Bytes Sent: 34816/ 75672 BPS:6935591 ETA 00:00  
Bytes Sent: 35840/ 75672 BPS:6963306 ETA 00:00  
Bytes Sent: 36864/ 75672 BPS:6990001 ETA 00:00  
Bytes Sent: 37888/ 75672 BPS:7017610 ETA 00:00  
Bytes Sent: 38912/ 75672 BPS:7055845 ETA 00:00  
Bytes Sent: 39936/ 75672 BPS:7089804 ETA 00:00  
Bytes Sent: 40960/ 75672 BPS:7118533 ETA 00:00  
Bytes Sent: 41984/ 75672 BPS:7149850 ETA 00:00  
Bytes Sent: 43008/ 75672 BPS:7183649 ETA 00:00  
Bytes Sent: 44032/ 75672 BPS:7212512 ETA 00:00  
Bytes Sent: 45056/ 75672 BPS:7238062 ETA 00:00  
Bytes Sent: 46080/ 75672 BPS:7248754 ETA 00:00  
Bytes Sent: 47104/ 75672 BPS:7259277 ETA 00:00  
Bytes Sent: 48128/ 75672 BPS:7276719 ETA 00:00  
Bytes Sent: 49152/ 75672 BPS:7287325 ETA 00:00  
Bytes Sent: 50176/ 75672 BPS:7293228 ETA 00:00  
Bytes Sent: 51200/ 75672 BPS:7306105 ETA 00:00  
Bytes Sent: 52224/ 75672 BPS:7324639 ETA 00:00  
Bytes Sent: 53248/ 75672 BPS:7343755 ETA 00:00  
Bytes Sent: 54272/ 75672 BPS:7356059 ETA 00:00  
Bytes Sent: 55296/ 75672 BPS:6345679 ETA 00:00  
Bytes Sent: 56320/ 75672 BPS:6365314 ETA 00:00

Bytes Sent: 57344/ 75672 BPS:6401526 ETA 00:00  
Bytes Sent: 58368/ 75672 BPS:6427566 ETA 00:00  
Bytes Sent: 59392/ 75672 BPS:6469836 ETA 00:00  
Bytes Sent: 60416/ 75672 BPS:5862826 ETA 00:00  
Bytes Sent: 61440/ 75672 BPS:5893608 ETA 00:00  
Bytes Sent: 62464/ 75672 BPS:5932006 ETA 00:00  
Bytes Sent: 63488/ 75672 BPS:5971519 ETA 00:00  
Bytes Sent: 64512/ 75672 BPS:6011217 ETA 00:00  
Bytes Sent: 65536/ 75672 BPS:6040741 ETA 00:00  
Bytes Sent: 66560/ 75672 BPS:5797501 ETA 00:00  
Bytes Sent: 67584/ 75672 BPS:5833751 ETA 00:00  
Bytes Sent: 68608/ 75672 BPS:5858482 ETA 00:00  
Bytes Sent: 69632/ 75672 BPS:5895036 ETA 00:00  
Bytes Sent: 70656/ 75672 BPS:5914634 ETA 00:00  
Bytes Sent: 71680/ 75672 BPS:5626419 ETA 00:00  
Bytes Sent: 72704/ 75672 BPS:5659243 ETA 00:00  
Bytes Sent: 73728/ 75672 BPS:5692887 ETA 00:00  
Bytes Sent: 74752/ 75672 BPS:5721606 ETA 00:00  
Bytes Sent: 75672 BPS:3618768

Transfer complete

#

#mv the downloaded file to /sketch/sketch.elf

target\_download\_name="\${host\_file\_name###\*/}"

Moving downloaded file to /sketch/sketch.elf on target

echo "Moving downloaded file to /sketch/sketch.elf on target"

"\$fixed\_path/lsz" --escape -c "mv \$target\_download\_name /sketch/sketch.elf; chmod +x /sketch/sketch.elf" < \$tty\_port\_id > \$tty\_port\_id

Transfer complete

#

#