

```
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
Binary sketch size: 76,095 bytes (of a 10,000,000 byte maximum) - 0% used
#!/bin/sh
starting download script
Args to shell: /home/parthiban/git/hw/intel/edison/arduino/arduino-1.5.3-
Intel.1.0.4/hardware/tools /tmp/build1832824671649983140.tmp/Blink.cpp.elf /dev/ttyUSB0
Serial Port PORT
Using tty Port /dev/ttyUSB0
Sending Command String to move to download if not already in download mode
```

```
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
rz-sh: rz: not foundroot@edison:~# B00000000123273-sh: B00000000123273: not
foundroot@edison:~# Retry 0: Got TIMEOUT
Retry 0: Got TIMEOUT
```

```
Transfer incomplete
#
```

```
# 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
B000000000000000-sh: B000000000000000: not foundroot@edison:~# Retry 0: Got TIMEOUT
Retry 0: Got TIMEOUT
```

Transfer incomplete

```
#
Moving downloaded file to /sketch/sketch.elf on target
#mv the downloaded file to /sketch/sketch.elf
target_download_name="${host_file_name##*/}"
echo "Moving downloaded file to /sketch/sketch.elf on target"
"$fixed_path/lsz" --escape -c "mv $target_download_name /sketch/sketch.elf; chmod +x
/sketch/sketch.elf" < $tty_port_id > $tty_port_id
rz-sh: rz: not foundroot@edison:~# B00000000123273-sh: B00000000123273: not
foundroot@edison:~# Retry 0: Got TIMEOUT
Retry 0: Got TIMEOUT
```

Transfer incomplete

```
#
#
```