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PRELIMINARY INSTRUCTIONS (usb permission, Mono and so on)
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////////////////////////////////
// ADVICE
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The files provided with this release are to be considered as belonging to a "beta" version.
It was developed and tested on a system having the following features:

kernel version:         linux 2.6.35
linux distribution:     Fedora 14
Architectures:          x86 & x86_64

Any question about wrong functionalities and so on will be appreciated.

Please send your mails to

support@greenbit.com


////////////////////////////////
// INTRODUCTION
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In this document some advices for examples running is given.

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// USB permission
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In order tu use linux SDK as regular user, you should have the permission to access USB subsystem and devices. In order to achieve this result you should tweak udev configurations (in Fedora 14 distribution).

AS ROOT ("su root"):
      a) open a terminal
      b) change to /lib/udev/rules.d directory
      c) open file 50-udev-default.rules (see NOTE 1)
      d) change:
            # libusb device nodes
            SUBSYSTEM=="usb", ENV{DEVTYPE}=="usb_device", MODE="0664"
         with the following:
            # libusb device nodes
            SUBSYSTEM=="usb", ENV{DEVTYPE}=="usb_device", MODE="0666"
      e) reboot

NOTE 1:
normally the 50-udev-default.rules file should be edited by using the VI (or other) tool.
An alternative to points (c) and (d) could be:
c1) change permission modes to the file by typing
      chmod 666 50-udev-default.rules
c2) open a file explorer, reach the /lib/udev/rules.d directory
c3) open the file with the predefined editor (for example gedit)
c4) follow the instructions in the (d) point
d1) close the file explorer
d2) change back permission modes by typing

chmod 644 50-udev-default.rules

e) reboot

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// DELIVERY INSTRUCTIONS
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In order to run an application built on the MultiScan SDK, the following instructions should be cared:

1) Install the libusb-1.0 library (according to your linux distribution could be apt-get install libusb-1.0, or rpm, or yum ....)

2) Install MONO (according to your linux distribution could be apt-get install, or rpm, or yum ....) if using mono examples. Es. "yum install mono-core"

3) Add to the LD_LIBRARY_PATH environment variable the current path of executable file. Put shared libraries in the SAME directory as the executable.

4) Add the used sdk libraries together with their dipendencies (that can be found by using the "ldd" command or in the MultiScan_SDK_Overview document)

Examples:

a) open a terminal
b) change to the directory of executable
c) launch the corresponding bash starters (./start<ExampleName>.sh)