

# **AM5728 QT5 Lab 1**

**Innova Lee(이상훈)  
gcccompil3r@gmail.com**

```

sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/x86_64-arago-linux/usr
/bin$ ls
2to3                autoscan            git                 lsipc              scriptreplay
abs6x               autoupdate          git.real            lslocks            setarch
aclocal             blkdiscard          git-receive-pack   lslogins           setsid
aclocal-1.15        bsdcats             git-shell           lsns               setsid.util-linux
acp6x              cal                 git-upload-archive m4                 setterm
acpia6x            cg6x                git-upload-pack     mesg               smtpd.py
acp116x            cg6x3              gnu-configize       mesg.util-linux    strip6x
addpart            chage               gpasswd             mkfs.ubifs         swaponlabel
ap6x               chcpu               groupadd            namei              tailf
ap6x3              chfn.shadow         groupdel            newgidmap          taskset
ar6x               chgpasswd           groupmems           newuidmap          ubiattach
arm-linux-gnueabihf-addr2line chpasswd.shadow    groupmod            newusers           ubiblock
arm-linux-gnueabihf-ar chrt                 grpck               nm6x               ubicrc32
arm-linux-gnueabihf-as chrt.util-linux     grpconv            nologin            ubidetach
arm-linux-gnueabihf-c++filt chsh.shadow         grpunconv          nsenter            ubiformat
arm-linux-gnueabihf-cpp ci6x                hex6x              ofd6x              ubimkvol
arm-linux-gnueabihf-g++ cl6x                hexdump            omps2s6x           ubinfo
arm-linux-gnueabihf-gcc clacc               hexdump.util-linux openssl            ubinize
arm-linux-gnueabihf-gcc-6.2.1 clist6x            i386               opkg               ubirename
arm-linux-gnueabihf-gcc-ar clocl               idle               pkg-check-config   ubirmvol
arm-linux-gnueabihf-gcc-nm clt6x              ifnames            opt6x              ubirsvol
arm-linux-gnueabihf-gcc-ranlib cmake              ilk6x              passwd.shadow      ubiupdatevol
arm-linux-gnueabihf-gcov cmp6x               ionice             pdd6x              ul
arm-linux-gnueabihf-gdb col                 ipcmk              perl               uname26
arm-linux-gnueabihf-gprof colcrt              ipcrm              perl5.22.1         unshare
arm-linux-gnueabihf-ld colrm               ipcs               perl.real          update-alternatives
arm-linux-gnueabihf-ld.bfd column             isosize            pg                 update-ca-certificates
arm-linux-gnueabihf-ld.gold cpack              last               pkg-config         useradd
arm-linux-gnueabihf-nm c_rehash           lastb              pprof6x            userdel
arm-linux-gnueabihf-objcopy ctest              lastb.util-linux   prelink6x          usermod
arm-linux-gnueabihf-objdump delpart            lastlog            pwck               utmpdump
arm-linux-gnueabihf-ranlib dem6x              last.util-linux    pwconv             utmpdump.util-linux
arm-linux-gnueabihf-readelf dis6x              ldattach           pwunconv           wall
arm-linux-gnueabihf-size eject               libinfo6x          pydoc              wall.util-linux
arm-linux-gnueabihf-strings eject.util-linux   libtoolize         qt5                wdctl
arm-linux-gnueabihf-strip embed6x            linux32            raw                whereis
asm6x              expiry             linux64            rename             wipefs
autoconf            faillog            lnk6x              renice             write
autoheader          fdformat           logger              renice.util-linux x86_64
autom4te            findmnt            logger.util-linux   resizepart         x86_64-arago-linux-gnu-pkg-config
automake            flock              logoutd            rev                x86_64-arago-linux-libtool
automake-1.15       flock.util-linux  look               rtcwake            xref6x
autoreconf          fsfreeze           lsblk              script             zramctl
sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/x86_64-arago-linux/usr
/bin$

```

```

|boost_serialization.so.1.61.0
|boost_signals-mt.so
|boost_signals.so
|boost_signals.so.1.61.0
|boost_system-mt.so
|boost_system.so
|boost_system.so.1.61.0
|boost_thread-mt.so
|boost_thread.so
|boost_thread.so.1.61.0
|boost_timer-mt.so
|boost_timer.so
|boost_timer.so.1.61.0
|boost_unit_test_framework.so
|boost_unit_test_framework.so.1.61.0
|boost_wave-mt.so
|boost_wave.so
|boost_wave.so.1.61.0
|boost_wserialization.so
|boost_wserialization.so.1.61.0
|BrokenLocale.a
|BrokenLocale.so
|bz2.so
|bz2.so.1
|bz2.so.1.0.6
|C.a
|cairo-gobject.so
|cairo-gobject.so.2
|cairo-gobject.so.2.11400.6
|cairo-script-interpreter.so
|cairo-script-interpreter.so.2
|cairo-script-interpreter.so.2.11400.6
|cairo.so
|cairo.so.2
|cairo.so.2.11400.6
|cgroup.so
|check.so
|check.so.0
|check.so.0.0.0
|cidn.so
|c_nonshared.a
|crypt.a
|crypto.so
|crypto.so.1.0.0
|crypt.so
|C.so
|curl.so
|curl.so.4

```

libmenuw.so.5  
libmenuw.so.5.9  
libmmrpc.a  
libmmrpc.so  
libmmrpc.so.1  
libmmrpc.so.1.0.0  
libmount.so  
libm.so  
libncurses.so  
libncursesw.so  
libnettle.so.6  
libnettle.so.6.2  
libnsl.a  
libnsl.so  
libnss\_compat.so  
libnss\_db.so  
libnss\_dns.so  
libnss\_files.so  
libnss\_hesiod.so  
libnss\_nisplus.so  
libnss\_nis.so  
libnss\_resolve.so.2  
libocclconv.so  
liboccl\_util.a  
libogg.so  
libogg.so.0  
libogg.so.0.8.2  
libopcodes-2.27.0.20160806.so  
libopcodes.so  
libOpenCL.so  
libOpenCL.so.1  
libOpenCL.so.1.1.14  
libopencv\_aruco.so  
libopencv\_aruco.so.3.1  
libopencv\_aruco.so.3.1.0  
libopencv\_bgsegm.so  
libopencv\_bgsegm.so.3.1  
libopencv\_bgsegm.so.3.1.0  
libopencv\_bioinspired.so  
libopencv\_bioinspired.so.3.1  
libopencv\_bioinspired.so.3.1.0  
libopencv\_calib3d.so  
libopencv\_calib3d.so.3.1  
libopencv\_calib3d.so.3.1.0  
libopencv\_ccalib.so  
libopencv\_ccalib.so.3.1  
libopencv\_ccalib.so.3.1.0  
libopencv\_core.so

```
libQt5Sensors.so.5.7
libQt5Sensors.so.5.7.1
libQt5Sql.prl
libQt5Sql.so
libQt5Sql.so.5
libQt5Sql.so.5.7
libQt5Sql.so.5.7.1
libQt5Svg.prl
libQt5Svg.so
libQt5Svg.so.5
libQt5Svg.so.5.7
libQt5Svg.so.5.7.1
libQt5Test.prl
libQt5Test.so
libQt5Test.so.5
libQt5Test.so.5.7
libQt5Test.so.5.7.1
libQt5WaylandClient.prl
libQt5WaylandClient.so
libQt5WaylandClient.so.5
libQt5WaylandClient.so.5.7
libQt5WaylandClient.so.5.7.1
libQt5WaylandCompositor.prl
libQt5WaylandCompositor.so
libQt5WaylandCompositor.so.5
libQt5WaylandCompositor.so.5.7
libQt5WaylandCompositor.so.5.7.1
libQt5WebChannel.prl
libQt5WebChannel.so
libQt5WebChannel.so.5
libQt5WebChannel.so.5.7
libQt5WebChannel.so.5.7.1
libQt5WebEngineCore.prl
libQt5WebEngineCore.so
libQt5WebEngineCore.so.5
libQt5WebEngineCore.so.5.7
libQt5WebEngineCore.so.5.7.1
libQt5WebEngine.prl
libQt5WebEngine.so
libQt5WebEngine.so.5
libQt5WebEngine.so.5.7
libQt5WebEngine.so.5.7.1
libQt5WebEngineWidgets.prl
libQt5WebEngineWidgets.so
libQt5WebEngineWidgets.so.5
libQt5WebEngineWidgets.so.5.7
libQt5WebEngineWidgets.so.5.7.1
libQt5WebSockets.prl
```

```
/lib$ ls libqt*
libQt53DCore.prl          libQt5Core.so.5          libQt5QmlDevTools.prl    libQt5Test.so.5.7
libQt53DCore.so          libQt5Core.so.5.7       libQt5Qml.prl           libQt5Test.so.5.7.1
libQt53DCore.so.5       libQt5Core.so.5.7.1    libQt5Qml.so.5          libQt5WaylandClient.prl
libQt53DCore.so.5.7     libQt5DBus.prl         libQt5Qml.so.5.7       libQt5WaylandClient.so
libQt53DCore.so.5.7.1   libQt5DBus.so          libQt5Qml.so.5.7.1     libQt5WaylandClient.so.5
libQt53DExtras.prl      libQt5DBus.so.5        libQt5QuickParticles.prl libQt5WaylandClient.so.5.7
libQt53DExtras.so       libQt5DBus.so.5.7     libQt5QuickParticles.so libQt5WaylandClient.so.5.7.1
libQt53DExtras.so.5     libQt5DBus.so.5.7.1   libQt5QuickParticles.so.5 libQt5WaylandCompositor.prl
libQt53DExtras.so.5.7   libQt5EglDeviceIntegration.prl libQt5QuickParticles.so.5 libQt5WaylandCompositor.so
libQt53DExtras.so.5.7.1 libQt5EglDeviceIntegration.so libQt5QuickParticles.so.5.7 libQt5WaylandCompositor.so.5
libQt53DInput.prl      libQt5EglDeviceIntegration.so.5 libQt5QuickParticles.so.5.7.1 libQt5WaylandCompositor.so.5.7
libQt53DInput.so       libQt5EglDeviceIntegration.so.5.7 libQt5Quick.prl        libQt5WaylandCompositor.so.5.7.1
libQt53DInput.so.5     libQt5EglDeviceIntegration.so.5.7.1 libQt5Quick.so         libQt5WebChannel.prl
libQt53DInput.so.5.7   libQt5EglFsKmsSupport.prl  libQt5Quick.so.5       libQt5WebChannel.so
libQt53DInput.so.5.7.1 libQt5EglFsKmsSupport.so   libQt5Quick.so.5.7     libQt5WebChannel.so.5
libQt53DLogic.prl     libQt5EglFsKmsSupport.so.5 libQt5Quick.so.5.7.1   libQt5WebChannel.so.5.7
libQt53DLogic.so       libQt5EglFsKmsSupport.so.5.7 libQt5QuickTest.prl    libQt5WebChannel.so.5.7.1
libQt53DLogic.so.5     libQt5EglFsKmsSupport.so.5.7.1 libQt5QuickTest.so     libQt5WebEngineCore.prl
libQt53DLogic.so.5.7   libQt5Gui.prl           libQt5QuickTest.so.5   libQt5WebEngineCore.so
libQt53DLogic.so.5.7.1 libQt5Gui.so.5          libQt5QuickTest.so.5.7 libQt5WebEngineCore.so.5
libQt53DQuickExtras.prl libQt5Gui.so.5.7       libQt5QuickTest.so.5.7.1 libQt5WebEngineCore.so.5.7
libQt53DQuickExtras.so libQt5Gui.so.5.7.1     libQt5QuickWidgets.prl libQt5WebEngineCore.so.5.7.1
libQt53DQuickExtras.so.5 libQt5Location.prl     libQt5QuickWidgets.so  libQt5WebEngine.prl
libQt53DQuickExtras.so.5.7 libQt5Location.so.5    libQt5QuickWidgets.so.5 libQt5WebEngine.so
libQt53DQuickExtras.so.5.7.1 libQt5Location.so.5.7 libQt5QuickWidgets.so.5.7 libQt5WebEngine.so.5
libQt53DQuickInput.prl libQt5Location.so.5.7.1 libQt5QuickWidgets.so.5.7.1 libQt5WebEngine.so.5.7
libQt53DQuickInput.so  libQt5Network.prl     libQt5Script.prl       libQt5WebEngine.so.5.7.1
libQt53DQuickInput.so.5 libQt5Network.so       libQt5Script.so        libQt5WebEngineWidgets.prl
libQt53DQuickInput.so.5.7 libQt5Network.so.5    libQt5Script.so.5     libQt5WebEngineWidgets.so
libQt53DQuickInput.so.5.7.1 libQt5Network.so.5.7 libQt5Script.so.5.7   libQt5WebEngineWidgets.so.5
libQt53DQuick.prl      libQt5Network.so.5.7.1 libQt5ScriptTools.so  libQt5WebEngineWidgets.so.5.7
libQt53DQuickRender.prl libQt5OpenGLExtensions.a libQt5ScriptTools.so.5 libQt5WebEngineWidgets.so.5.7.1
libQt53DQuickRender.so libQt5OpenGLExtensions.prl libQt5ScriptTools.so.5.7 libQt5WebSockets.prl
libQt53DQuickRender.so.5 libQt5OpenGL.prl      libQt5Sensors.prl     libQt5WebSockets.so
libQt53DQuickRender.so.5.7 libQt5OpenGL.so.5     libQt5Sensors.so      libQt5WebSockets.so.5
libQt53DQuickRender.so.5.7.1 libQt5OpenGL.so.5.7   libQt5Sensors.so.5    libQt5WebSockets.so.5.7
libQt53DQuick.so       libQt5OpenGL.so.5.7.1 libQt5Sensors.so.5.7  libQt5WebSockets.so.5.7.1
libQt53DQuick.so.5     libQt5PacketProtocol.prl libQt5Sensors.so.5.7.1 libQt5Widgets.prl
libQt53DQuick.so.5.7   libQt5PlatformSupport.a libQt5Sensors.so.5.7.1 libQt5Widgets.so
libQt53DQuick.so.5.7.1 libQt5PlatformSupport.prl libQt5Sensors.so.5.7.1 libQt5Widgets.so.5
libQt53DRender.prl     libQt5Positioning.prl  libQt5Sensors.so.5.7.1 libQt5Widgets.so.5.7
libQt53DRender.so      libQt5Positioning.so   libQt5Sql.prl         libQt5Widgets.so.5.7.1
libQt53DRender.so.5    libQt5Positioning.so.5 libQt5Sql.so          libQt5XmlPatterns.prl
libQt53DRender.so.5.7  libQt5Positioning.so.5.7 libQt5Sql.so.5       libQt5XmlPatterns.so
libQt53DRender.so.5.7.1 libQt5Positioning.so.5.7.1 libQt5Sql.so.5.7     libQt5XmlPatterns.so.5
libQt5Bootstrap.a      libQt5PrintSupport.prl libQt5Svg.prl         libQt5XmlPatterns.so.5.7
libQt5Bootstrap.prl    libQt5PrintSupport.so  libQt5Svg.so          libQt5XmlPatterns.so.5.7.1
libQt5Concurrent.prl   libQt5PrintSupport.so.5 libQt5Svg.so.5.7.1   libQt5Xml.prl
libQt5Concurrent.so    libQt5PrintSupport.so.5.7 libQt5Test.prl        libQt5Xml.so
libQt5Concurrent.so.5  libQt5PrintSupport.so.5.7.1 libQt5Test.so         libQt5Xml.so.5
libQt5Concurrent.so.5.7 libQt5PrintSupport.so.5.7.1 libQt5Test.so.5       libQt5Xml.so.5.7
libQt5Concurrent.so.5.7.1 libQt5PrintSupport.so.5.7.1 libQt5Test.so.5.1    libQt5Xml.so.5.7.1
libQt5Core.prl        libQt5QmlDebug.prl    libQt5Test.so.5.1    libQt5Test.so
libQt5Core.so          libQt5QmlDebug.prl    libQt5Test.so.5.1    libQt5Test.so.5
```

```
sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-de
vkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/include/qt5$ ls
Qt3DCore          QtGui             QtQmlDevTools     QtWaylandCompositor
Qt3DExtras         QtLocation        QtQuick            QtWebChannel
Qt3DInput          QtNetwork         QtQuickParticles  QtWebEngine
Qt3DLogic          QtOpenGL          QtQuickTest       QtWebEngineCore
Qt3DQuick          QtOpenGLExtensions QtQuickWidgets    QtWebEngineWidgets
Qt3DQuickExtras    QtPacketProtocol  QtScript           QtWebSockets
Qt3DQuickInput     QtPlatformHeaders QtScriptTools      QtWidgets
Qt3DQuickRender    QtPlatformSupport QtSensors          QtXml
Qt3DRender         QtPositioning     QtSql              QtXmlPatterns
QtConcurrent       QtPrintSupport    QtSvg              QtZlib
QtCore             QtQml             QtTest
QtDBus             QtQmlDebug        QtWaylandClient
sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-de
vkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/include/qt5$ █
```



```
sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/include/qt5$ ls
```

Qt3DCore	QtGui	QtQmlDevTools	QtWaylandCompositor
Qt3DExtras	QtLocation	QtQuick	QtWebChannel
Qt3DInput	QtNetwork	QtQuickParticles	QtWebEngine
Qt3DLogic	QtOpenGL	QtQuickTest	QtWebEngineCore
Qt3DQuick	QtOpenGLExtensions	QtQuickWidgets	QtWebEngineWidgets
Qt3DQuickExtras	QtPacketProtocol	QtScript	QtWebSockets
Qt3DQuickInput	QtPlatformHeaders	QtScriptTools	QtWidgets
Qt3DQuickRender	QtPlatformSupport	QtSensors	QtXml
Qt3DRender	QtPositioning	QtSql	QtXmlPatterns
QtConcurrent	QtPrintSupport	QtSvg	QtZlib
QtCore	QtQml	QtTest	
QtDBus	QtQmlDebug	QtWaylandClient	

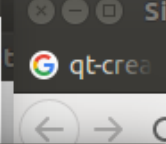
```
sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/include/qt5$ echo $QMAKESPEC
```

```
sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/include/qt5$ source ~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/environment-setup
```

```
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/include/qt5> echo $QMAKESPEC  
/home/sdr/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/lib/qt5/mkspecs/linux-oe-g++
```

```
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/include/qt5> █
```

[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/include/qt5> gedit ~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/environment-setup



File Edit View Search Tools Documents Help

Open ▾



Save

```
SDK_PATH="/home/sdr/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit"
if [ -z "$ZSH_NAME" ] && [ "x$0" = "x./environment-setup" ]; then
    echo "Error: This script needs to be sourced. Please run as \"./environment-setup\""
    exit 1
else
    if [ -n "$BASH_SOURCE" ]; then
        SDK_PATH=`dirname $BASH_SOURCE`
    fi
    SDK_PATH=`readlink -f "$SDK_PATH"`
    export SDK_PATH
fi
export SDK_SYS=x86_64-arago-linux
export REAL_MULTIMACH_TARGET_SYS=armv7ahf-neon-linux-gnueabi
export TOOLCHAIN_SYS=arm-linux-gnueabihf
export TOOLCHAIN_PREFIX=$TOOLCHAIN_SYS-
export SDK_PATH_NATIVE=$SDK_PATH/sysroots/$SDK_SYS
export SDK_PATH_TARGET=$SDK_PATH/sysroots/$REAL_MULTIMACH_TARGET_SYS
export PATH=$SDK_PATH_NATIVE/usr/bin:$SDK_PATH_NATIVE/usr/bin/arm-linux-gnueabi:$PATH
export CPATH=$SDK_PATH_TARGET/usr/include:$CPATH
export PKG_CONFIG_SYSROOT_DIR=$SDK_PATH_TARGET
export PKG_CONFIG_PATH=$SDK_PATH_TARGET/usr/lib/pkgconfig
export PKG_CONFIG_ALLOW_SYSTEM_LIBS=1
export CONFIG_SITE=$SDK_PATH/site-config-$REAL_MULTIMACH_TARGET_SYS
export CC=${TOOLCHAIN_PREFIX}gcc
export CXX=${TOOLCHAIN_PREFIX}g++
export GDB=${TOOLCHAIN_PREFIX}gdb
export CPP="${TOOLCHAIN_PREFIX}gcc -E"
export NM=${TOOLCHAIN_PREFIX}nm
export AS=${TOOLCHAIN_PREFIX}as
export AR=${TOOLCHAIN_PREFIX}ar
export RANLIB=${TOOLCHAIN_PREFIX}ranlib
export OBJCOPY=${TOOLCHAIN_PREFIX}objcopy
export OBJDUMP=${TOOLCHAIN_PREFIX}objdump
export STRIP=${TOOLCHAIN_PREFIX}strip
export CONFIGURE_FLAGS="--target=arm-linux-gnueabi --host=arm-linux-gnueabi --build=x86_64-linux
--with-libtool-sysroot=$SDK_PATH_TARGET"
export CPPFLAGS=" -march=armv7-a -marm -mfpu=neon -mfloat-abi=hard --sysroot=$SDK_PATH_TARGET"
```

Plain Text ▾

Tab Width: 8 ▾

Ln 1, Col 1 ▾

INS

```
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/include/qt5> cd ~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications> ls
am-sysinfo-git                                omapconf-1.73
arm-benchmarks-1.3                            opencv-examples-1.1.14.10
barcode-roi-01.00.00                          openmpacc-examples-1.5.3.0
big-data-ipc-demo-linux-01.01.00.00           oprofile-example
dual-camera-demo-1.0                          pru-icss-5.1.0
evse-hmi-1.0                                  qt-opencv-opencv-opengl-multithreaded-1.3.3
image-gallery                                 qt-tstat-2.0
linalg-examples-1_2_0_0                       refresh-screen-2.0
matrix-gui-2.0                                tioux-app-host-01.00.01.00
matrix-gui-browser-2.0                        video-graphics-test-1.0
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications> mkdir helloqt
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications> ls
am-sysinfo-git                                omapconf-1.73
arm-benchmarks-1.3                            opencv-examples-1.1.14.10
barcode-roi-01.00.00                          openmpacc-examples-1.5.3.0
big-data-ipc-demo-linux-01.01.00.00           oprofile-example
dual-camera-demo-1.0                          pru-icss-5.1.0
evse-hmi-1.0                                  qt-opencv-opencv-opengl-multithreaded-1.3.3
helloqt                                       qt-tstat-2.0
image-gallery                                 refresh-screen-2.0
linalg-examples-1_2_0_0                       tioux-app-host-01.00.01.00
matrix-gui-2.0                                video-graphics-test-1.0
matrix-gui-browser-2.0
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications> cd helloqt
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/helloqt> gedit helloqt.cpp
```

File Edit View Search Tools Documents Help

Open ▾

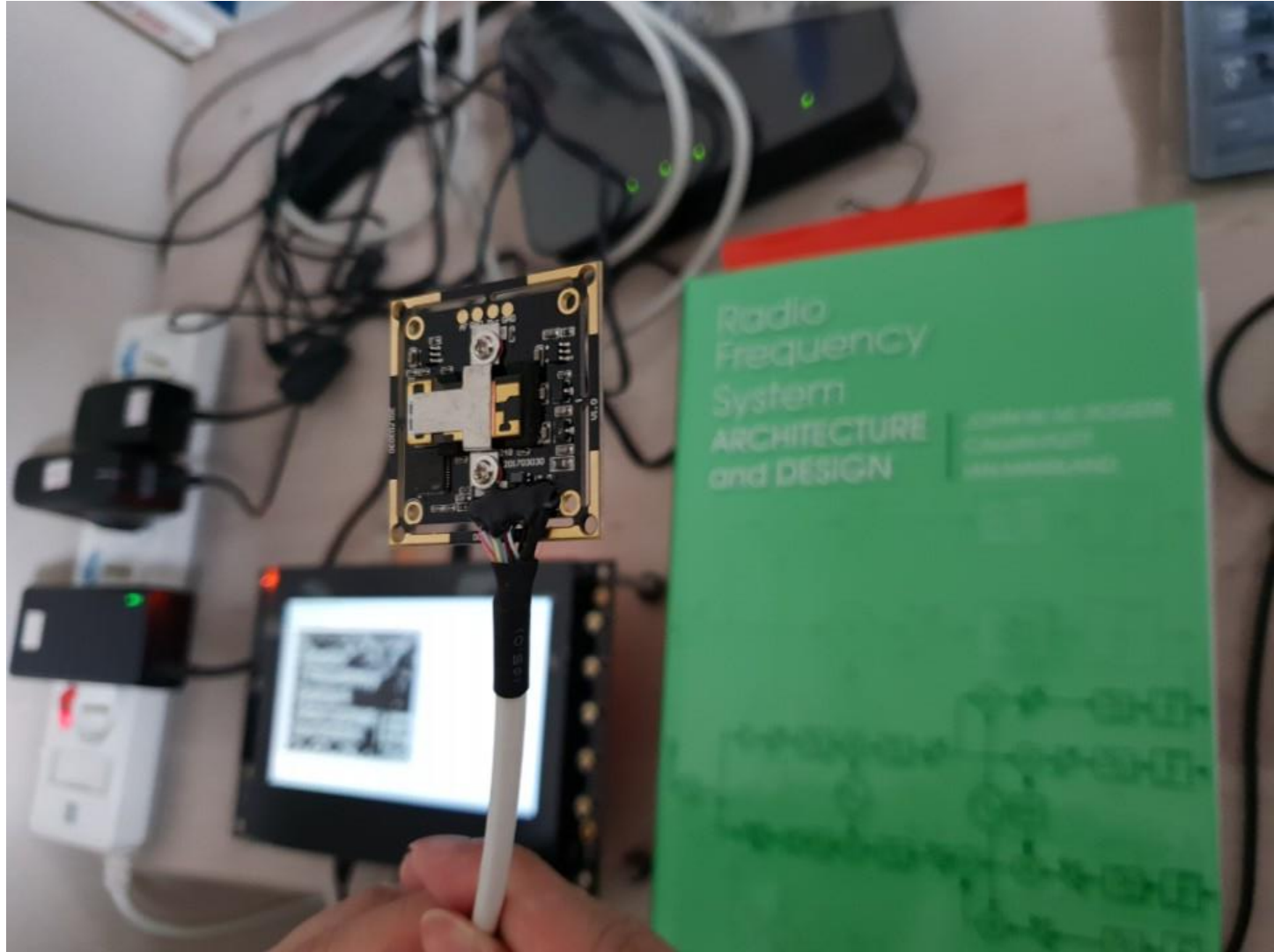


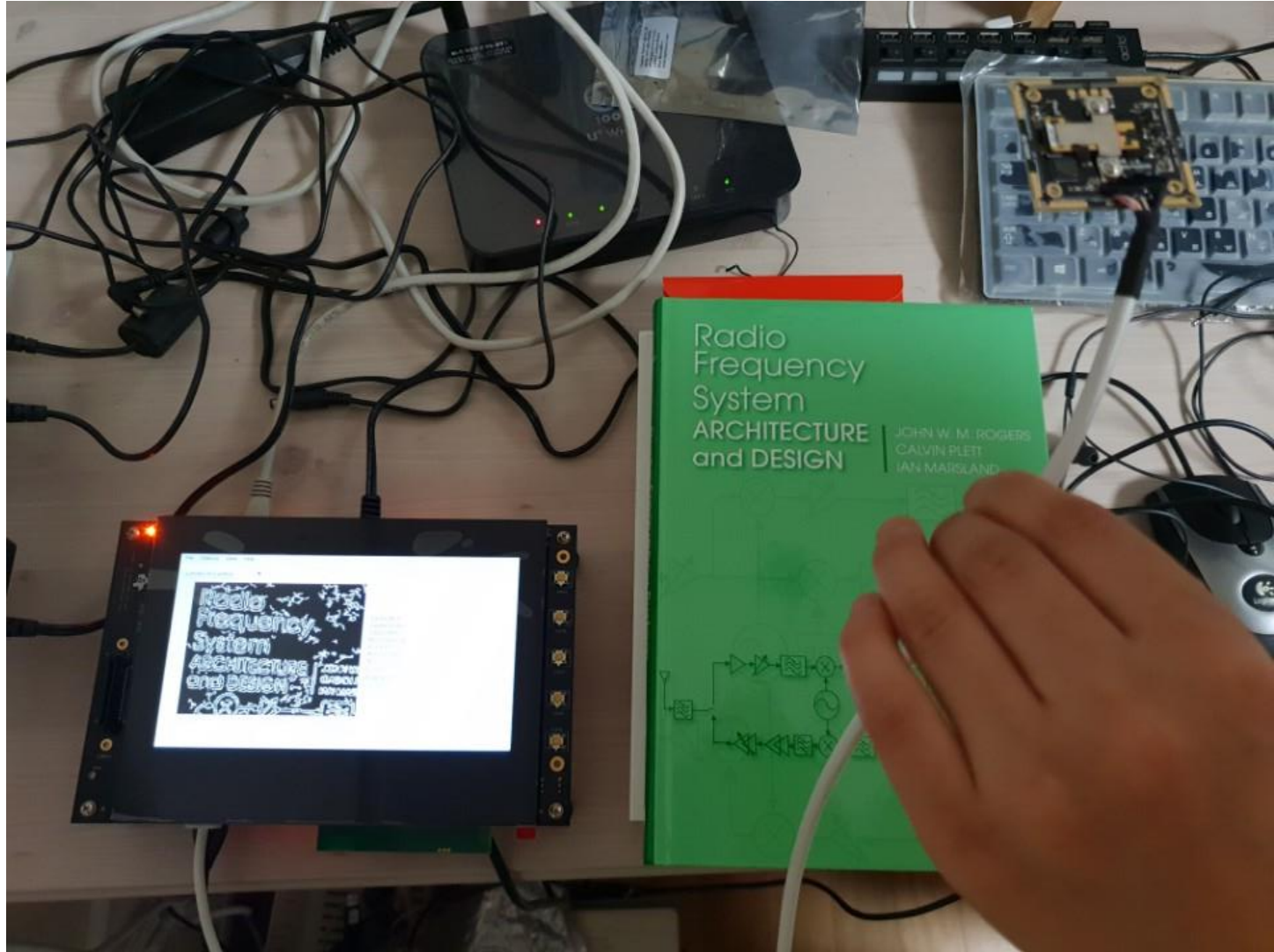


```
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/hel  
loqt> ls  
helloqt.cpp  
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/hel  
loqt> gedit helloqt.pro
```



```
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/helloqt> ls
helloqt.cpp
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/helloqt> gedit helloqt.pro
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/helloqt> qmake helloqt.pro
sh: OE_QMAKE_CXX: command not found
sh: OE_QMAKE_CXXFLAGS: command not found
Info: creating stash file /home/sdr/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/helloqt/.qmake.stash
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/helloqt> make
arm-linux-gnueabihf-g++ -c -pipe -march=armv7-a -marm -mfpu=neon -mfloat-abi=hard --sysroot=/home/sdr/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi -O2 -Wall -W -D_REENTRANT -fPIC -DQT_NO_DEBUG -DQT_WIDGETS_LIB -DQT_GUI_LIB -DQT_CORE_LIB -I. -I../linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/include/qt5 -I../linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/include/qt5/QtWidgets -I../linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/include/qt5/QtGui -I../linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/include/qt5/QtCore -I. -I../linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/lib/qt5/mkspecs/linux-oe-g++ -o helloqt.o helloqt.cpp
arm-linux-gnueabihf-g++ --sysroot=/home/sdr/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi -Wl,-O1 -o helloqt helloqt.o -L/home/sdr/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/lib -lQt5Widgets -lQt5Gui -lQt5Core -lGLEW -lpthread
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/helloqt> ls
helloqt helloqt.cpp helloqt.o helloqt.pro Makefile
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/helloqt>
```





File Options View Help

Connect to Camera...

[1] X



CamDevNum 1  
CamResolution 640x480  
CaptureRate 14 fps  
NumFramesCap [1351]  
ProcRate 14 fps  
NumFramesProc [1351]  
ROI: (120,23) 284x232  
Cursor: (402,213) [269,149]

Image Buffer:





Matrix App Launcher v2 p1

Mon 1



ARM



3D



Touch



USB



Ethernet



Browser

