AM5728 QT5 Lab 1(Hello QT5)

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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
                                                    qit
                                                                         lsipc
                                                                                             scriptreplay
                                  autoscan
abs6x
                                  autoupdate
                                                                         lslocks
                                                    qit.real
                                                                                             setarch
                                  blkdiscard
laclocal
                                                    git-receive-pack
                                                                         lslogins
                                                                                             setsid
aclocal-1.15
                                  bsdcat
                                                                                             setsid.util-linux
                                                    git-shell
                                                                         lsns
асрбх
                                  cal
                                                    git-upload-archive
                                                                                             setterm
                                                                         m4
acpia6x
                                                    git-upload-pack
                                  сдбх
                                                                                             smtpd.py
                                                                         mesg
acpll6x
                                                    gnu-configize
                                                                         mesq.util-linux
                                                                                             strip6x
                                  cg6x3
addpart
                                  chage
                                                    apasswd
                                                                         mkfs.ubifs
                                                                                             swaplabel
арбх
                                  chcpu
                                                    groupadd
                                                                         namei
                                                                                             tailf
                                  chfn.shadow
ар6х3
                                                    groupdel
                                                                         newgidmap
                                                                                             taskset
                                  chgpasswd
агбх
                                                    groupmems
                                                                         newuidmap
                                                                                             ubiattach
arm-linux-gnueabihf-addr2line
                                                                                             ubiblock
                                  chpasswd.shadow
                                                    aroupmod
                                                                         newusers
arm-linux-gnueabihf-ar
                                  chrt
                                                    grpck
                                                                                             ubicrc32
                                                                         птбх
arm-linux-gnueabihf-as
                                  chrt.util-linux
                                                    grpconv
                                                                         nologin
                                                                                             ubidetach
arm-linux-gnueabihf-c++filt
                                  chsh.shadow
                                                                                             ubiformat
                                                    grpunconv
                                                                         nsenter
arm-linux-gnueabihf-cpp
                                  сібх
                                                    hex6x
                                                                         ofd6x
                                                                                             ubimkvol
arm-linux-gnueabihf-g++
                                  cl6x
                                                                                             ubinfo
                                                    hexdump
                                                                         omps2s6x
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
                                                                         opkg-check-config
                                                                                            ubirmvol
arm-linux-gnueabihf-gcc-nm
                                  clt6x
                                                    ifnames
                                                                                             ubirsvol
                                                                         opt6x
arm-linux-gnueabihf-gcc-ranlib
                                  cmake
                                                    ilk6x
                                                                         passwd.shadow
                                                                                             ubiupdatevol
arm-linux-gnueabihf-gcov
                                  стрбх
                                                    ionice
                                                                         pdd6x
                                                                                             ul
arm-linux-gnueabihf-gdb
                                  col
                                                    ipcmk
                                                                         perl
                                                                                             uname26
arm-linux-gnueabihf-gprof
                                                                         perl5.22.1
                                                                                             unshare
                                  colcrt
                                                    ipcrm
arm-linux-gnueabihf-ld
                                  colrm
                                                                         perl.real
                                                                                             update-alternatives
                                                    ipcs
arm-linux-gnueabihf-ld.bfd
                                                                                             update-ca-certificates
                                  column
                                                    isosize
                                                                         pg
arm-linux-gnueabihf-ld.gold
                                  cpack
                                                                         pkg-config
                                                                                             useradd
                                                    last
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
                                                    last.util-linux
                                  dem6x
                                                                                             utmpdump.util-linux
                                                                         DWCONV
arm-linux-gnueabihf-readelf
                                  dis6x
                                                    ldattach
                                                                         DWUNCONV
                                                                                             wall
                                                                                             wall.util-linux
arm-linux-gnueabihf-size
                                                    libinfo6x
                                  eject
                                                                         pydoc
arm-linux-gnueabihf-strings
                                  eiect.util-linux libtoolize
                                                                         qt5
                                                                                             wdctl
arm-linux-gnueabihf-strip
                                  embed6x
                                                    linux32
                                                                                             whereis
                                                                         raw
                                                    linux64
asm6x
                                  expiry
                                                                                             wipefs
                                                                         rename
autoconf
                                  faillog
                                                    lnk6x
                                                                                             write
                                                                         renice
autoheader
                                  fdformat
                                                    logger
                                                                         renice.util-linux
                                                                                            x86 64
                                                                                            x86_64-arago-linux-gnu-pkg-config
autom4te
                                  findmnt
                                                    logger.util-linux
                                                                         resizepart
                                                                                            x86 64-arago-linux-libtool
lautomake
                                  flock
                                                    logoutd
                                                                         rev
automake-1.15
                                  flock.util-linux look
                                                                         rtcwake
                                                                                             xref6x
                                                    lsblk
autoreconf
                                  fsfreeze
                                                                         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$
```

10003C_3C1 C4CC24CC011.30	CCDMCHGW130	c coo coo ciisor o roo ro
boost_serialization.so.1.61.0	libmenuw.so.5	libQt5Sensors.so.5.7
boost_signals-mt.so	libmenuw.so.5.9	libQt5Sensors.so.5.7.1
boost_signals.so	libmmrpc.a	libQt5Sql.prl
boost_signals.so.1.61.0	libmmrpc.so	libQt5Sql.so
boost_system-mt.so	libmmrpc.so.1	libQt5Sql.so.5
boost_system.so	libmmrpc.so.1.0.0	libQt5Sql.so.5.7
boost_system.so.1.61.0	libmount.so	libQt5Sql.so.5.7.1
boost_thread-mt.so	libm.so	libOt5Svg.prl
boost_thread.so	libncurses.so	libQt5Svg.so
boost_thread.so.1.61.0	libncursesw.so	libQt5Svg.so.5
boost timer-mt.so	libnettle.so.6	libQt5Svg.so.5.7
boost_timer.so	libnettle.so.6.2	libQt5Svg.so.5.7.1
boost_timer.so.1.61.0	libnsl.a	libOt5Test.prl
boost_unit_test_framework.so	libnsl.so	lib@t5Test.so
boost_unit_test_framework.so.1.61.0	libnss_compat.so	lib@t5Test.so.5
boost_wave-mt.so	libnss_db.so	libQt5Test.so.5.7
boost_wave.so	libnss_dns.so	libQt5Test.so.5.7.1
boost_wave.so.1.61.0	libnss_files.so	libQt5WaylandClient.prl
boost wserialization.so	libnss_hesiod.so	libQt5WaylandClient.so
boost_wserialization.so.1.61.0	libnss_nisplus.so	libQt5WaylandClient.so.5
BrokenLocale.a	libnss_nis.so	libQt5WaylandClient.so.5.7
BrokenLocale.so	libnss_resolve.so.2	libOt5WaylandClient.so.5.7.1
ıbz2.so	liboclconv.so	libQt5WaylandCompositor.prl
bz2.so.1	libocl_util.a	libQt5WaylandCompositor.so
bz2.so.1.0.6	libogg.so	libOt5WaylandCompositor.so.5
ıc.a	libogg.so.0	libQt5WaylandCompositor.so.5.7
cairo-gobject.so	libogg.so.0.8.2	libQt5WaylandCompositor.so.5.7.1
cairo-gobject.so.2	libopcodes-2.27.0.20160806.so	libOt5WebChannel.prl
cairo-gobject.so.2.11400.6	libopcodes.so	libQt5WebChannel.so
cairo-script-interpreter.so	libOpenCL.so	libQt5WebChannel.so.5
cairo-script-interpreter.so.2	libOpenCL.so.1	libQt5WebChannel.so.5.7
cairo-script-interpreter.so.2.11400.6	libOpenCL.so.1.1.14	libQt5WebChannel.so.5.7.1
cairo.so	libopencv_aruco.so	libQt5WebEngineCore.prl
cairo.so.2	libopencv_aruco.so.3.1	libQt5WebEngineCore.so
cairo.so.2.11400.6	libopencv aruco.so.3.1.0	libQt5WebEngineCore.so.5
icgroup.so	libopencv_bgsegm.so	libQt5WebEngineCore.so.5.7
icheck.so	libopencv_bgsegm.so.3.1	libQt5WebEngineCore.so.5.7.1
icheck.so.0	libopencv_bgsegm.so.3.1.0	libQt5WebEngine.prl
check.so.0.0.0	libopencv_bioinspired.so	libQt5WebEngine.so
icidn.so	libopencv_bioinspired.so.3.1	libQt5WebEngine.so.5
c_nonshared.a	libopencv_bioinspired.so.3.1.0	libOt5WebEngine.so.5.7
crypt.a	libopencv_calib3d.so	libQt5WebEngine.so.5.7.1
crypto.so	libopencv_calib3d.so.3.1	libQt5WebEngineWidgets.prl
crypto.so.1.0.0	libopency_calib3d.so.3.1.0	libOt5WebEngineWidgets.so
crypt.so	libopencv_ccalib.so	libQt5WebEngineWidgets.so.5
IC.SO	libopency ccalib.so.3.1	libQt5WebEngineWidgets.so.5.7
curl.so	libopencv_ccalib.so.3.1.0	libQt5WebEngineWidgets.so.5.7.1
curl.so.4	libopency_core.so	libOt5WebSockets.prl
7001 013014	111 Control of the co	ttogesmensockees.pl t

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sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/armv7ahf-neon-linux-qnueabi/usr
/lib$ ls lib0t*
libOt53DCore.prl
                              libOt5Core.so.5
                                                                    libOt5OmlDevTools.prl
                                                                                                   libOt5Test.so.5.7
libOt53DCore.so
                              libOt5Core.so.5.7
                                                                    libQt5Qml.prl
                                                                                                   libOt5Test.so.5.7.1
libOt53DCore.so.5
                              libOt5Core.so.5.7.1
                                                                    libQt5Qml.so
                                                                                                   libQt5WaylandClient.prl
libOt53DCore.so.5.7
                                                                    libQt5Qml.so.5
                              libOt5DBus.prl
                                                                                                   libQt5WaylandClient.so
libOt53DCore.so.5.7.1
                              libQt5DBus.so
                                                                    libQt5Qml.so.5.7
                                                                                                   libQt5WaylandClient.so.5
libQt53DExtras.prl
                              libQt5DBus.so.5
                                                                    libQt5Qml.so.5.7.1
                                                                                                   libQt5WaylandClient.so.5.7
libQt53DExtras.so
                              libQt5DBus.so.5.7
                                                                    libQt5QuickParticles.prl
                                                                                                   libQt5WaylandClient.so.5.7.1
libOt53DExtras.so.5
                              libQt5DBus.so.5.7.1
                                                                    libQt5QuickParticles.so
                                                                                                   libOt5WaylandCompositor.prl
libOt53DExtras.so.5.7
                              libOt5EqlDeviceIntegration.prl
                                                                    libOt5OuickParticles.so.5
                                                                                                   libOt5WaylandCompositor.so
                                                                    libOt5OuickParticles.so.5.7
libOt53DExtras.so.5.7.1
                              libQt5EglDeviceIntegration.so
                                                                                                   libQt5WaylandCompositor.so.5
libOt53DInput.prl
                              libQt5EglDeviceIntegration.so.5
                                                                    libQt5QuickParticles.so.5.7.1
                                                                                                   libQt5WaylandCompositor.so.5.7
libQt53DInput.so
                              libQt5EglDeviceIntegration.so.5.7
                                                                    libOt5Ouick.prl
                                                                                                   libQt5WaylandCompositor.so.5.7.1
libQt53DInput.so.5
                              libQt5EglDeviceIntegration.so.5.7.1
                                                                   libOt5Ouick.so
                                                                                                   libOt5WebChannel.prl
libQt53DInput.so.5.7
                              libQt5EglFsKmsSupport.prl
                                                                    libOt5Ouick.so.5
                                                                                                   libQt5WebChannel.so
libOt53DInput.so.5.7.1
                                                                                                   libQt5WebChannel.so.5
                              libQt5EglFsKmsSupport.so
                                                                    libQt5Quick.so.5.7
libOt53DLogic.prl
                              libQt5EglFsKmsSupport.so.5
                                                                    libOt5Quick.so.5.7.1
                                                                                                   libQt5WebChannel.so.5.7
libQt53DLogic.so
                              libQt5EglFsKmsSupport.so.5.7
                                                                    libOt5OuickTest.prl
                                                                                                   libOt5WebChannel.so.5.7.1
libQt53DLogic.so.5
                              libQt5EglFsKmsSupport.so.5.7.1
                                                                    libOt5OuickTest.so
                                                                                                   libQt5WebEngineCore.prl
libQt53DLogic.so.5.7
                              libOt5Gui.prl
                                                                    libQt5QuickTest.so.5
                                                                                                   libQt5WebEngineCore.so
libOt53DLogic.so.5.7.1
                              libQt5Gui.so
                                                                    libOt5QuickTest.so.5.7
                                                                                                   libOt5WebEngineCore.so.5
|libQt53DQuickExtras.prl
                              libOt5Gui.so.5
                                                                    libOt5OuickTest.so.5.7.1
                                                                                                   libQt5WebEngineCore.so.5.7
libOt53DQuickExtras.so
                              libQt5Gui.so.5.7
                                                                    libOt5QuickWidgets.prl
                                                                                                   libQt5WebEngineCore.so.5.7.1
libQt53DQuickExtras.so.5
                              libQt5Gui.so.5.7.1
                                                                    libQt5QuickWidgets.so
                                                                                                   libOt5WebEngine.prl
libOt53DOuickExtras.so.5.7
                              libOt5Location.prl
                                                                    libOt5OuickWidgets.so.5
                                                                                                   libOt5WebEngine.so
libOt53DOuickExtras.so.5.7.1
                              libOt5Location.so
                                                                    libOt5OuickWidgets.so.5.7
                                                                                                   libOt5WebEngine.so.5
libOt53DOuickInput.prl
                              libOt5Location.so.5
                                                                    libOt5OuickWidgets.so.5.7.1
                                                                                                   libOt5WebEngine.so.5.7
libQt53DQuickInput.so
                                                                    libOt5Script.prl
                              libOt5Location.so.5.7
                                                                                                   libQt5WebEngine.so.5.7.1
libQt53DQuickInput.so.5
                                                                                                   libOt5WebEngineWidgets.prl
                              libOt5Location.so.5.7.1
                                                                    libOt5Script.so
libQt53DQuickInput.so.5.7
                              libOt5Network.prl
                                                                    libQt5Script.so.5
                                                                                                   libQt5WebEngineWidgets.so
                                                                                                   libQt5WebEngineWidgets.so.5
libQt53DQuickInput.so.5.7.1
                              libQt5Network.so
                                                                    libQt5Script.so.5.7
libQt53DQuick.prl
                              libQt5Network.so.5
                                                                    libQt5Script.so.5.7.1
                                                                                                   libQt5WebEngineWidgets.so.5.7
libQt53DQuickRender.prl
                              libOt5Network.so.5.7
                                                                    libOt5ScriptTools.prl
                                                                                                   libOt5WebEngineWidgets.so.5.7.1
libQt53DQuickRender.so
                              libQt5Network.so.5.7.1
                                                                    libQt5ScriptTools.so
                                                                                                   libQt5WebSockets.prl
libQt53DQuickRender.so.5
                              libQt5OpenGLExtensions.a
                                                                    libQt5ScriptTools.so.5
                                                                                                   libQt5WebSockets.so
libQt53DQuickRender.so.5.7
                              libOt5OpenGLExtensions.prl
                                                                    libQt5ScriptTools.so.5.7
                                                                                                   libQt5WebSockets.so.5
libOt53DOuickRender.so.5.7.1
                              libOt5OpenGL.prl
                                                                    libOt5ScriptTools.so.5.7.1
                                                                                                   libOt5WebSockets.so.5.7
libOt53DOuick.so
                              libQt5OpenGL.so
                                                                    libOt5Sensors.prl
                                                                                                   libOt5WebSockets.so.5.7.1
libQt53DQuick.so.5
                                                                                                   libOt5Widgets.prl
                              libQt5OpenGL.so.5
                                                                    libOt5Sensors.so
libQt53DQuick.so.5.7
                                                                                                   libOt5Widgets.so
                              libQt5OpenGL.so.5.7
                                                                    libOt5Sensors.so.5
libQt53DQuick.so.5.7.1
                                                                                                   libQt5Widgets.so.5
                              libQt5OpenGL.so.5.7.1
                                                                    libOt5Sensors.so.5.7
libQt53DRender.prl
                              libQt5PacketProtocol.prl
                                                                    libQt5Sensors.so.5.7.1
                                                                                                   libQt5Widgets.so.5.7
libQt53DRender.so
                              libQt5PlatformSupport.a
                                                                    libOt5Sql.prl
                                                                                                   libQt5Widgets.so.5.7.1
libQt53DRender.so.5
                              libOt5PlatformSupport.prl
                                                                    libQt5Sql.so
                                                                                                   libOt5XmlPatterns.prl
libOt53DRender.so.5.7
                              libOt5Positioning.prl
                                                                    libOt5Sql.so.5
                                                                                                   libOt5XmlPatterns.so
libOt53DRender.so.5.7.1
                              libQt5Positioning.so
                                                                    libOt5Sql.so.5.7
                                                                                                   libOt5XmlPatterns.so.5
libOt5Bootstrap.a
                              libQt5Positioning.so.5
                                                                    libQt5Sql.so.5.7.1
                                                                                                   libQt5XmlPatterns.so.5.7
libOt5Bootstrap.prl
                              libOt5Positioning.so.5.7
                                                                    libOt5Svg.prl
                                                                                                   libOt5XmlPatterns.so.5.7.1
libOt5Concurrent.prl
                                                                                                   libOt5Xml.prl
                              libOt5Positioning.so.5.7.1
                                                                    libOt5Svg.so
libQt5Concurrent.so
                                                                                                   libOt5Xml.so
                              libQt5PrintSupport.prl
                                                                    libQt5Svg.so.5
libQt5Concurrent.so.5
                              libQt5PrintSupport.so
                                                                    libQt5Svg.so.5.7
                                                                                                   libQt5Xml.so.5
libOt5Concurrent.so.5.7
                              libQt5PrintSupport.so.5
                                                                    libOt5Svg.so.5.7.1
                                                                                                   libOt5Xml.so.5.7
libOt5Concurrent.so.5.7.1
                              libQt5PrintSupport.so.5.7
                                                                    libQt5Test.prl
                                                                                                   libQt5Xml.so.5.7.1
libQt5Core.prl
                              libQt5PrintSupport.so.5.7.1
                                                                    libOt5Test.so
libQt5Core.so
                              libOt5OmlDebug.prl
                                                                    libQt5Test.so.5
sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr
/lib$
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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
Ot3DCore
                 OtGui
                                     OtOmlDevTools
                                                       OtWavlandCompositor
Ot3DExtras
                 OtLocation
                                     OtOuick
                                                       OtWebChannel
                                                       OtWebEngine
Ot3DInput
                 OtNetwork
                                     OtOuickParticles
Ot3DLogic
                 OtOpenGL
                                     OtOuickTest
                                                       OtWebEngineCore
Ot3DOuick
                 OtOpenGLExtensions
                                     OtOuickWidgets
                                                       OtWebEngineWidgets
Ot3DOuickExtras OtPacketProtocol
                                                       OtWebSockets
                                     OtScript
Ot3DOuickInput
                 OtPlatformHeaders
                                     OtScriptTools
                                                       OtWidgets
Ot3DOuickRender
                 OtPlatformSupport
                                     OtSensors
                                                       0tXml
Ot3DRender
                 OtPositioning
                                     OtSql
                                                       OtXmlPatterns
OtConcurrent
                 QtPrintSupport
                                                       OtZlib
                                     0tSvq
OtCore
                 Ot0ml
                                     OtTest
                                     OtWaylandClient
OtDBus
                 OtOmlDebug
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$
```

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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/gt5$ ls
Ot3DCore
                 OtGui
                                     OtOmlDevTools
                                                       OtWaylandCompositor
Ot3DExtras
                                                       OtWebChannel
                 OtLocation
                                     OtOuick
                                     OtOuickParticles OtWebEngine
Ot3DInput
                 OtNetwork
                                     OtOuickTest
                                                       OtWebEngineCore
Ot3DLogic
                 OtOpenGL
Ot3DOuick
                                     QtQuickWidgets
                                                       QtWebEngineWidgets
                 QtOpenGLExtensions
Ot3DQuickExtras
                 OtPacketProtocol
                                     OtScript
                                                       OtWebSockets
                 OtPlatformHeaders
                                     OtScriptTools
Ot3DQuickInput
                                                       OtWidgets
Ot3DOuickRender
                 OtPlatformSupport
                                     OtSensors
                                                       OtXml
                                                       OtXmlPatterns
Ot3DRender
                 OtPositioning
                                     OtSal
OtConcurrent
                 OtPrintSupport
                                                       0tZlib
                                     OtSvg
OtCore
                                     0tTest
                 OtOml
OtDBus
                 OtOmlDebug
                                     OtWaylandClient
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/gt5$ echo $OMAKESPEC
sdr@sdr-Samsung-DeskTop-System:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-de
vkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/include/gt5$ source ~/ti-processor-sdk-li
nux-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/ar
mv7ahf-neon-linux-gnueabi/usr/include/gt5> echo $OMAKESPEC
/home/sdr/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/armv7ahf-
neon-linux-gnueabi/usr/lib/gt5/mkspecs/linux-oe-g++
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/ar
mv7ahf-neon-linux-gnueabi/usr/include/qt5>
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[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/ar
mv7ahf-neon-linux-gnueabi/usr/include/qt5> qedit ~/ti-processor-sdk-linux-am57xx-evm-04
                                                                                           G qt-crea
 .03.00.05/linux-devkit/environment-setup
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   Save
 SDK PATH="/home/sdr/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit"
 if [-z] "$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}q++
 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"
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[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/ar
mv7ahf-neon-linux-gnueabi/usr/include/gt5> 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
                                     opencl-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-opency-opencl-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
                                     tiovx-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> mk
dir hellogt
[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
                                     opencl-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-opency-opencl-opengl-multithreaded-1.3.3
hellogt
                                     qt-tstat-2.0
image-gallery
                                     refresh-screen-2.0
linalg-examples-1 2 0 0
                                     tiovx-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
 helloat
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/hel
logt> gedit hellogt.cpp
          🔊 🖃 🗊 File Edit View Search Tools Documents Help
```

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[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/hel
logt> ls
hellogt.cpp
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/hel
logt> gedit hellogt.pro
   ıπ
   Open ▼
                                                                                   Save
 QT += core gui widgets
  SOURCES += hellogt.cpp
   Saving file '/home/sdr/ti-processor-s... IDL-Exelis ▼ Tab Width: 8 ▼
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                                                                                    INS
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[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/hel
loat> ls
hellogt.cpp
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/hel
loat> aedit helloat.pro
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/hel
logt> gmake hellogt.pro
sh: OE OMAKE CXX: command not found
sh: OE OMAKE CXXFLAGS: command not found
Info: creating stash file /home/sdr/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/examp
le-applications/hellogt/.gmake.stash
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/hel
logt> make
arm-linux-qnueabihf-q++ -c -pipe -march=armv7-a -marm -mfpu=neon -mfloat-abi=hard --s
ysroot=/home/sdr/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/ar
mv7ahf-neon-linux-gnueabi -O2 -Wall -W -D REENTRANT -fPIC -DOT NO DEBUG -DOT WIDGETS LI
B -DOT GUI LIB -DOT CORE LIB -I. -I../../linux-devkit/sysroots/armv7ahf-neon-linux-gnue
abi/usr/include/qt5 -I../../linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/inclu
de/qt5/OtWidgets -I../../linux-devkit/sysroots/armv7ahf-neon-linux-gnueabi/usr/include/
qt5/OtGui -I../../linux-devkit/sysroots/armv7ahf-neon-linux-qnueabi/usr/include/qt5/OtC
ore -I. -I../../linux-devkit/sysroots/armv7ahf-neon-linux-qnueabi/usr/lib/qt5/mkspecs/l
inux-oe-g++ -o hellogt.o hellogt.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 hellogt hellogt.o
/home/sdr/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/linux-devkit/sysroots/armv7ahf-
neon-linux-gnueabi/usr/lib -lOt5Widgets -lOt5Gui -lOt5Core -lGLESv2 -lpthread
[[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/hel
loat> ls
hellogt hellogt.cpp hellogt.o hellogt.pro Makefile
[linux-devkit]:~/ti-processor-sdk-linux-am57xx-evm-04.03.00.05/example-applications/hel
logt>
```







