

Hello, Toradex.

We tried to make OpenEmbedded Core BSP Linux according your article:

[http://developer.toradex.com/knowledge-base/board-support-package/openembedded-\(core\)](http://developer.toradex.com/knowledge-base/board-support-package/openembedded-(core))

We need to embed into BSP the full developing and run-time support of QT5. Thus I have some questions.

1.

After using command ". export" I see, that at bottom of console output there are three Toradex targets.

Which of these targets is most assigned for developing of Qt5-apps, incl. Qt5-GUI?

Is a target "angstrom-qt-x11-image" better for it than "angstrom-lxde-image" or both deploy results will be the same?

```
user@VirtualBox:~/oe-core$ . export
### Shell environment set up for builds. ###

You can now run 'bitbake <target>'

Common targets are:
  core-image-minimal
  core-image-sato
  meta-toolchain
  adt-installer
  meta-ide-support

You can also run generated qemu images with a command like 'runqemu qemux86'

Toradex targets are:
  angstrom-lxde-image
  console-trdx-image
  angstrom-qt-x11-image
```

2.

After using command "bitbake -k angstrom-lxde-image" process starts, but there are some "WARNING" errors:

```
user@VirtualBox:~/oe-core/build$ bitbake -k angstrom-lxde-image

WARNING: Unable to get checksum for linux-timesys SRC_URI entry defconfig: file could not be found##### | ETA: 00:00:23
WARNING: Unable to get checksum for linux-timesys SRC_URI entry 0001-arm-dts-vf610-phycore-rdk.dts-rename-to-vf610-pcm052.patch: file could not be found

Parsing recipes: 100% |#####| Time: 00:07:44
Parsing of 2475 .bb files complete (0 cached, 2475 parsed). 3072 targets, 182 skipped, 0 masked, 0 errors.
NOTE: Resolving any missing task queue dependencies

Build Configuration:
BB_VERSION      = "1.28.0"
BUILD_SYS      = "x86_64-linux"
NATIVELSBSTRING = "Ubuntu-16.04"
TARGET_SYS     = "arm-angstrom-linux-gnueabi"
MACHINE       = "colibri-vf"
DISTRO        = "angstrom"
DISTRO_VERSION = "v2015.12"
TUNE_FEATURES  = "arm armv7a vfp thumb neon callconvention-hard"
TARGET_FPU    = "vfp-neon"
meta-angstrom = "HEAD:7f2eec75fd20b672221ff071d121fa9ea2e1e6ea"
meta-toradex-nxp = "HEAD:18a87021f079a84171885c6e816fb8800ce3b974"
meta-fsl-arm   = "HEAD:417f669e4dede244a81e11aa6d8b60c4e333e589"
meta-fsl-arm-extra = "HEAD:dd074c47af53948041f6c5671e519fbf815b0980"
meta-toradex-tegra = "HEAD:ebb0b6b7508efbcf1f57dc014d30f4414d56d5dc"
meta-jetson-tk1  = "HEAD:0569d7a930506c185734097a58e1de219dc66c80"
meta-toradex-bsp-common = "HEAD:77b0c48863b6194628f2ff4c633469bb84f549c3"
meta-linaro-toolchain = "HEAD:9b1fd178309544dff1f7453e796a9437125bc0d9"
```

```
meta-oe
meta-efl
meta-gpe
meta-gnome
meta-xfce
meta-initramfs
meta-systemd
meta-networking
meta-multimedia
meta-python      = "HEAD:2ea8d7f54a061e902657c4f8ea1f7f7c25c6c4e1"
meta-lxde        = "HEAD:d097882e3859220e9ce0c99250e22f5833233c6e"
meta-browser     = "HEAD:e114d625d4bd23a52cc1108a45d96ffd8dc0ab7f"
meta-qt5         = "HEAD:a8d4dafdfde812e403315d53b2a981d12bd49f04"
meta-fsl-demos   = "HEAD:8bffde8d803dd2362fbded79781ce084d723b048"
meta-toradex-demos = "HEAD:a6c6fa422e9cf9586e0eb8aba40e0460513edf58"
meta             = "HEAD:d39e7ca717b67ad9f2f78b83d90d91e410e52965"
```

```
NOTE: Preparing RunQueue
NOTE: Executing SetScene Tasks
NOTE: Executing RunQueue Tasks
```

```
WARNING: QA Issue: gcc-runtime: Files/directories were installed but not shipped in any package:
```

```
  /usr/lib/libstdc++fs.la
  /usr/lib/libstdc++fs.a
```

```
Please set FILES such that these items are packaged. Alternatively if they are unneeded, avoid installing them or delete them within do_install.
```

```
gcc-runtime: 2 installed and not shipped files. [installed-vs-shipped]
```

```
WARNING: keybinder: No generic license file exists for: X11 in any provider
```

```
WARNING: The license listed X11 was not in the licenses collected for recipe keybinder
```

```
WARNING: [log_check] angstrom-lxde-image: found a warning message in the logfile (keyword 'WARNING:')
```

```
[log_check] WARNING: The license listed X11 was not in the licenses collected for recipe keybinder
```

```
NOTE: Tasks Summary: Attempted 6821 tasks of which 14 didn't need to be rerun and all succeeded.
```

```
NOTE: Writing buildhistory
```

```
Summary: There were 6 WARNING messages shown.
```

Could you inform us how to avoid these WARNING-errors and provide detailed instructions for it.

Best regards,

Volodymyr Vyshenskyy