

Table of Contents

SL6 porting instructions.....	1
ETICS project configurations.....	1
ETICS build instructions.....	1
Local build.....	1
Remote build.....	2
Common problems and suggested solutions.....	3

SL6 porting instructions

ETICS project configurations

- **emi_B_1_dev** :
 - ◆ development project configuration: contains sub-systems/components configurations currently 'in work' and which are likely to subsequently be locked and used for a release candidate build
 - ◆ NightlyBuilds are enabled with the following shedule: 04:00 (AM)
 - ◇ etics-repository.cern.ch/repository/reports/name/emi_B_1_dev_sl6_64/-/reports/reportModule
 - ◆ NB for 06.11.2011 [↗](#) - **72%** successful
 - ◆ NB for 13.11.2011 [↗](#) - **75%** successful
- **emi_R_1_rc** :
 - ◆ contains tagged configurations for the components scheduled to be released/updated
 - ◆ NightlyBuilds are enabled with the following shedule: 12:00 & 22:00:
 - ◇ etics-repository.cern.ch/repository/reports/name/emi_R_1_rc_sl6_64/-/reports/reportModules

ETICS build instructions

Local build

▲ Always check which is the latest of the client that must be used by looking at `EticsCurrentClients`.

Configure a local ETICS worker node following these instructions. In order to build successfully on SL6 you need to use a still unreleased version of the etics-client. It can be installed locally using the following commands:

```
python etics-client-setup.py --release 1.5.5-3 --volatile etics_3_5_0 --skip-plugins
```

The `--skip-plugins` option makes the local build faster, but you won't get any QA metrics out of your build.

Since the `sl6_x86_64_gcc446EPEL` platform is **not** automatically recognized by the ETICS client, you will have to set the `platform` parameter in your user-level `etics-client` configuration in `~/.etics.conf` or the system-level file in `ETICS_HOME/etc/etics.conf` to

```
platform=sl6_x86_64_gcc446EPEL
```

After the usual workspace setup, you can checkout your configuration:

```
etics-checkout --config <subsys-config> --project emi --project-config emi_R_1_rc [--enablesudo]
```

Use `--enablesudo` if you want the `etics-client` to install missing dependencies on your system. Note that if you want the `etics-client` to be able to install packages on your system, you should be in the `sudoers` file on the machine **without** a password set, i.e. something like:

```
andrea    ALL=(ALL) NOPASSWD: ALL
```

Otherwise, just install the missing dependencies as listed by the `etics-client` after a checkout.

You can run a "normal" build with this command:

```
etics-build --config <subsys-config> --verbose --target postpublish --continueonerror --createsou
```

In order to run the mock repackaging step use the following command:

```
etics-build --config <subsys-config> --verbose --target postpublish --continueonerror --repackage
```

Note that using the `--repackage` option automatically enables the `--createsource` option, so there is no need to use it explicitly

Also in this case you need to be in the sudoers file to be able to install mock (if missing), configure a local APT repository and run mock builds.

Remote build

- **Checkout command:**

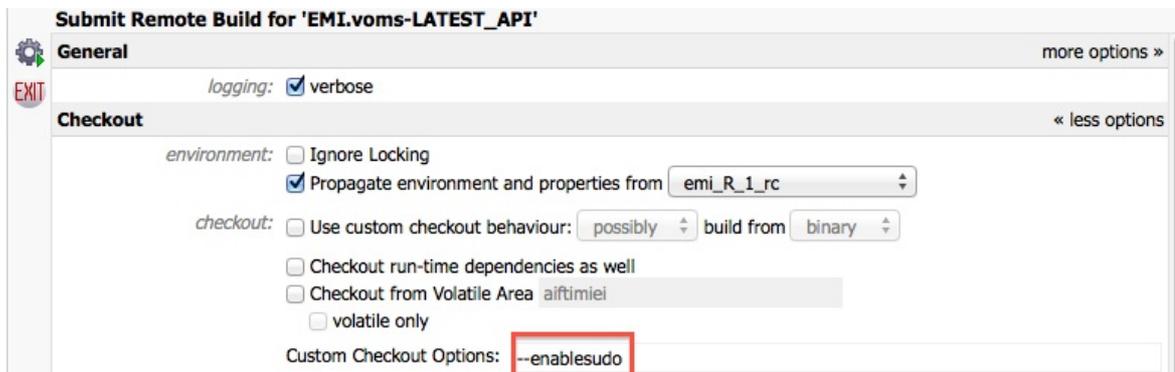


Figure 1 -WA Checkout Fields

- **Build command:** to enable Mock repackage, you have to add, after pressing More Options tab, in the Custom Build Options the value "--repackage=emi-1-sl6-x86_64"



Figure 2 -WA Build Fields

- **Platform & etics-client version selection:** as mentioned before, the etics-client version for SL6, the 1.5.5-3, is not yet the default one. In order to use it you have to specify it in the Appen Requirements field, after pressing the More options tab, the value "client_release=1.5.5-3@etics_3_5_0"

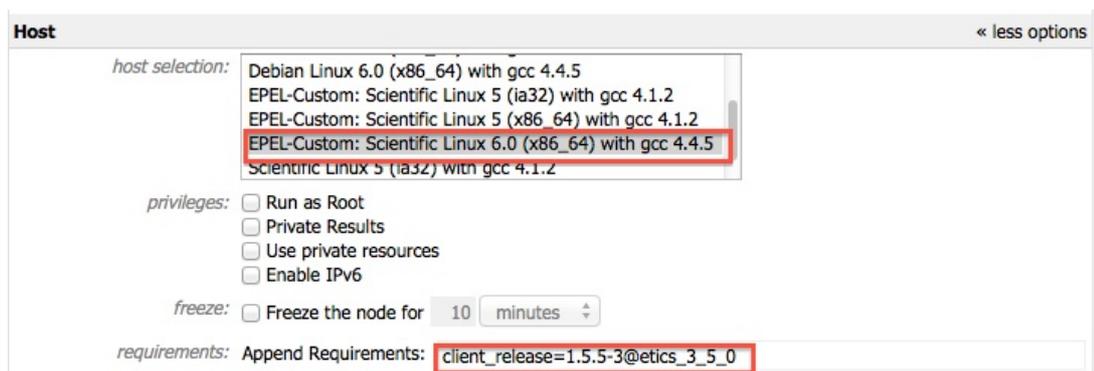


Figure 3 -WA Platform and etics-client version selection Fields

Common problems and suggested solutions

This topic: EMI > SL6Porting

Topic revision: r15 - 2012-11-15 - DoinaCristinaAiftimiei



Copyright &© 2008-2021 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

or Ideas, requests, problems regarding TWiki? use [Discourse](#) or [Send feedback](#)