RDK-B Emulator Build Instructions

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Host Setup

- For Host SetUp details refer this link **-** How to Build#SettinguptheHostEnvironment

NOTE: Observing fetch errors in VMs with Ubuntu14.x. Thus, suggesting to use VMs with Ubuntu16.x or higher.

Building

Note: Cloning the code before login once to code.rdkcentral.com, user would get the Authentication error, even though the account is in good standing and has all the required access. Please login to code.rdkcentral.com before attempting to clone.

To build, follow below instructions

Create workspace directory

```
mkdir <workspace dir>
cd <workspace dir>
```

Follow below instructions to create build with external sources

```
repo init -u https://code.rdkcentral.com/r/manifests -m rdkb-extsrc.xml -b rdk-next

repo sync -j4 --no-clone-bundle

MACHINE=qemux86broadband source meta-cmf/setup-environment

bitbake rdk-generic-broadband-morty-image
```

On Successful build, the ROOTFS (in vmdk format) would be available at the following reference location.

<workspace dir>/build-qemux86broadband-morty/tmp/deploy/images/qemux86broadband-morty/rdk-generic-broadband-image-qemux86broadband-morty-<timestamp>.vmdk