

# RDK-B Emulator Build Instructions

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| Approver |                 |
| Version  | 1.0             |
| State    | Release version |
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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
```