

Turris Omnia RDK-B Gateway - Yocto 2.2(Morty)



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No longer supported

Recommending to use dunfell build going forward.

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.

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-turris-extsrc.xml -b rdk-next
repo sync -j4 --no-clone-bundle
MACHINE=turris source meta-turris/setup-environment
bitbake rdk-generic-broadband-image
```

Else, follow below instructions to create build with no external source

```
repo init -u https://code.rdkcentral.com/r/manifests -m rdkb-turris-nosrc.xml -b rdk-next
repo sync -j4 --no-clone-bundle
MACHINE=turris source meta-turris/setup-environment
bitbake rdk-generic-broadband-image
```

Note: The kernel Image and root filesystem will be placed under <workspace dir>/build-turris/tmp/deploy/images/turris folder

Note: **MACHINE=turris** is for Residential Gateway; For building image for Extender device, follow [Extender Profile: Yocto Build Instructions](#)

Flashing procedure

- [Turris Omnia Reference Platform: Flashing Instruction](#)