

RDKB Extender Yocto 3.1 - Dunfell



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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>
```



OpenSync backhaul credential

Please get patch(service.patch) for meta-turris layer from Plume to apply backhaul credential(SSID:PSK). Please check [Cloud Access Guide](#) for more details.

With External Source

```
repo init -u https://code.rdkcentral.com/r/manifests -m rdkb-turris-pod-extsrc.xml -b dunfell
repo sync -j4 --no-clone-bundle
cd meta-turris && git apply service.patch && cd ../
MACHINE=turris-extender source meta-turris/setup-environment build-turris-ext
bitbake rdk-generic-extender-image
```

With No (External) Source

```
repo init -u https://code.rdkcentral.com/r/manifests -m rdkb-turris-pod-nosrc.xml -b dunfell
repo sync -j4 --no-clone-bundle
cd meta-turris && git apply service.patch && cd ../
MACHINE=turris-extender source meta-turris/setup-environment build-turris-ext
bitbake rdk-generic-extender-image
```

Note. The kernel Image and root filesystem will be placed under <workspace dir>/build-turris-ext/tmp/deploy/images/turris-extender directory

Flashing procedure

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