RDKB Extender Yocto 3.1 - Dunfell

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Host Setup

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

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**