

# RDK-V Emulator Yocto 3.1 Dunfell

## Build Setup Instructions

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### Setting up the Host Environment

[How to Build#SettinguptheHostEnvironment](#)

## Yocto 3.1 (Dunfell) support in RDK Emulator

### Downloading Source Code & Building (Dunfell version of RDK-Emulator)

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The following commands fetch the source code of the emulator using the Android *repo* tool

#### Yocto workspace setup

```
mkdir emulator && cd emulator
repo init -u https://code.rdkcentral.com/r/manifests -b dunfell -m rdkv-nosrc.xml
repo sync -j`nproc` --no-clone-bundle --no-tags
```

The above step configures and sets up your directory to start an appropriate build for hybrid or media client.

For Mediaclient:

#### Mediaclient image

```
MACHINE=qemux86mc-dunfell source meta-cmf-bsp-emulator/setup-environment
bitbake rdk-generic-mediaclient-wpe-image
```

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

- build-qemux86mc-dunfell/tmp/deploy/images/qemux86mc-dunfell