

rdkv-2021q3 IP Client

This is the summary page that describes CMF quarterly release rdkv-2021q3 for the opensource IP Client STB profile based on RPi platform.

This release is based on the branch rdk-next and yocto project version morty. Note the master branch has been deprecated in select community repositories and rdk-next is now the lead development branch.

This is the first release of the opensource IP Client STB profile on the RPi reference platform.

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Baseline

Baseline	nightly/20210922
Manifest	rdkv-2021q3

Highlights

Components updated

Given this is the first IP Client STB Release no list is provided.

Community contributions

- Given this is the first IP Client STB Release no list is provided.

Getting the code

*Note: The **rdkcmf/manifests** repository <https://code.rdkcentral.com/r/rdkcmf/manifests> is opensource and can be used to build the IP Client RPi Profile.*

Building for RaspberryPi IP Client

```
mkdir <workspace dir>
cd <workspace dir>

repo init -u https://code.rdkcentral.com/r/rdkcmf/manifests -m rdkv-extsrc.xml -b rdkv-2021q3
repo sync -j4 --no-clone-bundle

MACHINE=raspberrypi-rdk-ipmc source meta-cmf-raspberrypi/setup-environment

bitbake rdk-generic-ipclient-image
```

Note. The kernel Image and root filesystem will be created under the `./tmp/deploy/images/raspberrypi-rdk-ipmc` folder

Documentation

[RDK Reference Platforms](#)

[RDK-V R-Pi Yocto 2.2 - Morty](#)

[IP Client Based STB \(Raspberry Pi\)](#)

[RDK Services on Raspberrypi](#)

[RDK Services on RPi User Manual](#)

Testing

Sanity Testing

Sanity tests include:

- Playing video from local source using gst-play.
- Streaming from hybrid to media client using rmfApp.
- Playing video using gstplayer (gst-launch).
- Playing video using aamp-cli
- RDK Resident App Verification
- Wifi
- Bluetooth remote