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.

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

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