

RDK-C : Libcamera Upgradation Challenges

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Introduction

This page is dedicated to provide errors and challenges of libcamera source code upgradation.

libcamera source code url : <https://github.com/kbingham/libcamera>

libcamera source code branch : **master**

Pipewire Upgradation Errors and Challenges

Rev : 8b02645845bf404fba83910818b285b652f14f89(20Jul2022)

S. No	Errors/Challenges	Solution
1	meson.build:3:0: ERROR: Meson version is 0.53.2 but project requires >= 0.56	RDK-Camera build supported with 0.53 meson version so, Changed meson version from 0.56 into 0.53 in meson.build file
2	1. meson.build:19:0: ERROR: Unknown method "project_build_root" in object. 2. include/libcamera/ipa/meson.build:23:0: ERROR: Unknown method "project_build_root" in object. 3. include/libcamera/ipa/meson.build:86:4: ERROR: Unknown method "project_build_root" in object. 4. src/libcamera/meson.build:118:0: ERROR: Unknown method "project_build_root" in object. 5. test/serialization/generated_serializer/include/libcamera/ipa/meson.build:4:0: ERROR: Unknown method "project_build_root" in object. 6. meson.build:164:0: ERROR: Unknown method "project_build_root" in object.	Modified project_build_root into build_root
3	1. meson.build:19:0: ERROR: Unknown method "project_source_root" in object. 2. include/libcamera/ipa/meson.build:23:0: ERROR: Unknown method "project_source_root" in object. 3. include/libcamera/ipa/meson.build:86:4: ERROR: Unknown method "project_source_root" in object. 4. src/libcamera/meson.build:114:0: ERROR: Unknown method "project_source_root" in object. 5. src/libcamera/meson.build:118:0: ERROR: Unknown method "project_source_root" in object. 6. test/serialization/generated_serializer/include/libcamera/ipa/meson.build:4:0: ERROR: Unknown method "project_source_root" in object. 7. meson.build:164:0: ERROR: Unknown method "project_source_root" in object.	Modified project_source_root into source_root
4	src/libcamera/meson.build:95:4: ERROR: Module cmake does not have method subproject_options.	Supported libyaml dependency component for libcamera. Added 'libyaml' in libcamera bbappend DEPENDS variable.

Pushed above errors and challenges to meta-cmf-raspberrypi(rdk-next branch) layer.

Change set : <https://code.rdkcentral.com/r/c/rdk/components/generic/rdk-oe/meta-cmf-raspberrypi/+73359>