|  |  |  |
| --- | --- | --- |
| After Boot | Application | After Application |
| root@raibos:~# media-ctl -p  Media controller API version 5.4.70  Media device information  ------------------------  driver mxc-md  model FSL Capture Media Device  serial  bus info  hw revision 0x0  driver version 5.4.70  Device topology  - entity 1: mxc\_isi.0 (16 pads, 2 links)  type V4L2 subdev subtype Unknown flags 0  pad0: Sink  <- "mxc-mipi-csi2.0":4 [ENABLED]  pad1: Sink  pad2: Sink  pad3: Sink  pad4: Sink  pad5: Sink  pad6: Sink  pad7: Sink  pad8: Sink  pad9: Sink  pad10: Sink  pad11: Sink  pad12: Source  -> "mxc\_isi.0.capture":0 [ENABLED]  pad13: Source  pad14: Source  pad15: Sink  - entity 18: mxc\_isi.0.capture (1 pad, 1 link)  type Node subtype V4L flags 0  device node name /dev/video0  pad0: Sink  <- "mxc\_isi.0":12 [ENABLED]  - entity 22: mxc\_isi.1 (16 pads, 2 links)  type V4L2 subdev subtype Unknown flags 0  pad0: Sink  pad1: Sink  pad2: Sink  pad3: Sink  pad4: Sink  <- "mxc-mipi-csi2.1":4 [ENABLED]  pad5: Sink  pad6: Sink  pad7: Sink  pad8: Sink  pad9: Sink  pad10: Sink  pad11: Sink  pad12: Source  -> "mxc\_isi.1.capture":0 [ENABLED]  pad13: Source  pad14: Source  pad15: Sink  - entity 39: mxc\_isi.1.capture (1 pad, 1 link)  type Node subtype V4L flags 0  device node name /dev/video1  pad0: Sink  <- "mxc\_isi.1":12 [ENABLED]  - entity 43: mxc-mipi-csi2.0 (8 pads, 2 links)  type Node subtype V4L flags 0  device node name /dev/v4l-subdev0  pad0: Sink  <- "ov5648 2-0036":0 [ENABLED,IMMUTABLE]  pad1: Sink  pad2: Sink  pad3: Sink  pad4: Source  -> "mxc\_isi.0":0 [ENABLED]  pad5: Source  pad6: Source  pad7: Source  - entity 52: mxc-mipi-csi2.1 (8 pads, 2 links)  type Node subtype V4L flags 0  device node name /dev/v4l-subdev1  pad0: Sink  <- "ov5648 1-0036":0 [ENABLED,IMMUTABLE]  pad1: Sink  pad2: Sink  pad3: Sink  pad4: Source  -> "mxc\_isi.1":4 [ENABLED]  pad5: Source  pad6: Source  pad7: Source  - entity 61: ov5648 2-0036 (1 pad, 1 link)  type V4L2 subdev subtype Sensor flags 0  device node name /dev/v4l-subdev2  pad0: Source  [fmt:SBGGR8\_1X8/2592x1944@1/15 field:none colorspace:unknown xfer:none quantization:full-range]  -> "mxc-mipi-csi2.0":0 [ENABLED,IMMUTABLE]  - entity 63: ov5648 1-0036 (1 pad, 1 link)  type V4L2 subdev subtype Sensor flags 0  device node name /dev/v4l-subdev3  pad0: Source  [fmt:SBGGR8\_1X8/2592x1944@1/15 field:none colorspace:unknown xfer:none quantization:full-range]  -> "mxc-mipi-csi2.1":0 [ENABLED,IMMUTABLE] | root@raibos:~# ./cam-test  ##########  /dev/video0  width: 0  height: 0  colorspace: 7  ycbcr: 0  field: 1  format: GREY  xfer: 0  ~~~~~~~~~~  ##########  /dev/vide[ 299.912313] bypass csc  [ 299.917125] input fmt RGB4  [ 299.919856] output fmt BA81  o0  width: 1280  height: 720  colorspace: 7  ycbcr: 0  field: 1  format: BA81  xfer: 0  ~~~~~~~~~~  ##########  /dev/video1  width: 0  height: 0  colorspace: 7  ycbcr: 0  field: 1  format: GREY  xfer: 0  ~~~~~~~~~~  ##########  /dev/video1  width: 1280  height: 720  colorspace: 7  ycbcr: 0  field: 1  format: BA81  xfer: 0  ~~~~~~~~~~  [ 300.593045] bypass csc  [ 300.595424] input fmt RGB4  [ 300.598129] output fmt BA81 | root@raibos:~# media-ctl -p  Media controller API version 5.4.70  Media device information  ------------------------  driver mxc-md  model FSL Capture Media Device  serial  bus info  hw revision 0x0  driver version 5.4.70  Device topology  - entity 1: mxc\_isi.0 (16 pads, 2 links)  type V4L2 subdev subtype Unknown flags 0  pad0: Sink  <- "mxc-mipi-csi2.0":4 [ENABLED]  pad1: Sink  pad2: Sink  pad3: Sink  pad4: Sink  pad5: Sink  pad6: Sink  pad7: Sink  pad8: Sink  pad9: Sink  pad10: Sink  pad11: Sink  pad12: Source  -> "mxc\_isi.0.capture":0 [ENABLED]  pad13: Source  pad14: Source  pad15: Sink  - entity 18: mxc\_isi.0.capture (1 pad, 1 link)  type Node subtype V4L flags 0  device node name /dev/video0  pad0: Sink  <- "mxc\_isi.0":12 [ENABLED]  - entity 22: mxc\_isi.1 (16 pads, 2 links)  type V4L2 subdev subtype Unknown flags 0  pad0: Sink  pad1: Sink  pad2: Sink  pad3: Sink  pad4: Sink  <- "mxc-mipi-csi2.1":4 [ENABLED]  pad5: Sink  pad6: Sink  pad7: Sink  pad8: Sink  pad9: Sink  pad10: Sink  pad11: Sink  pad12: Source  -> "mxc\_isi.1.capture":0 [ENABLED]  pad13: Source  pad14: Source  pad15: Sink  - entity 39: mxc\_isi.1.capture (1 pad, 1 link)  type Node subtype V4L flags 0  device node name /dev/video1  pad0: Sink  <- "mxc\_isi.1":12 [ENABLED]  - entity 43: mxc-mipi-csi2.0 (8 pads, 2 links)  type Node subtype V4L flags 0  device node name /dev/v4l-subdev0  pad0: Sink  <- "ov5648 2-0036":0 [ENABLED,IMMUTABLE]  pad1: Sink  pad2: Sink  pad3: Sink  pad4: Source  -> "mxc\_isi.0":0 [ENABLED]  pad5: Source  pad6: Source  pad7: Source  - entity 52: mxc-mipi-csi2.1 (8 pads, 2 links)  type Node subtype V4L flags 0  device node name /dev/v4l-subdev1  pad0: Sink  <- "ov5648 1-0036":0 [ENABLED,IMMUTABLE]  pad1: Sink  pad2: Sink  pad3: Sink  pad4: Source  -> "mxc\_isi.1":4 [ENABLED]  pad5: Source  pad6: Source  pad7: Source  - entity 61: ov5648 2-0036 (1 pad, 1 link)  type V4L2 subdev subtype Sensor flags 0  device node name /dev/v4l-subdev2  pad0: Source  [fmt:SBGGR8\_1X8/1280x720@1/30 field:none colorspace:unknown xfer:none quantization:full-range]  -> "mxc-mipi-csi2.0":0 [ENABLED,IMMUTABLE]  - entity 63: ov5648 1-0036 (1 pad, 1 link)  type V4L2 subdev subtype Sensor flags 0  device node name /dev/v4l-subdev3  pad0: Source  [fmt:SBGGR8\_1X8/1280x720@1/30 field:none colorspace:unknown xfer:none quantization:full-range]  -> "mxc-mipi-csi2.1":0 [ENABLED,IMMUTABLE] |