

# **Gstreamer DVR for deploying mpeg-dash format**

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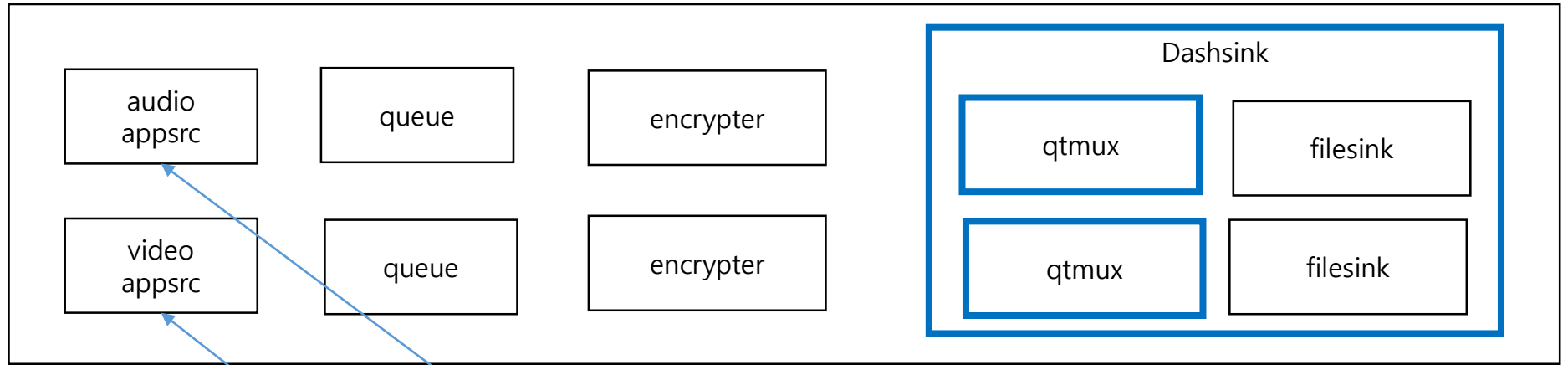
## **[Overview]**

- Record streaming during watching live stream
- Deploy mpeg-dash format record file to support dynamic stream change
- Support seek in a mpeg-dash format record file

## **[Development contents]**

- Make new element
  - Splitappsink : Split ES stream path to post sample data to other gstreamer pipeline
  - Dashsink : Make manifest file and deploy each stream's segmented mp4 file
- Modify qtmux
  - Support muxing for dash format : Add mp4dashmux mode to configure atoms box for dash spec (styp, sidx, tfdt)
  - Configure multiple mdat box: Fragmented mdat boxes are managed by sidx box to support seek in dash format

## Record pipeline



**Gathering new sample (buffer & caps)**

## livesource pipeline

