

1: Use Case: Recording already available completely - @osmarb

objective: isolate the dev block, no integration with EventBridge required

1A: Product Requirements

- Minimal requeriments:
- Need a end point to receive the clip request.
  - The clip request will receive the START time and END time information.
  - The API will parse and get the PDT information;
  - The API will select the all segments that are in the interevall.
  - The API will write a new master manifest file with the segments.
  - No frame precision.
  - Precision is correspoinding to the segment len, currently 10s

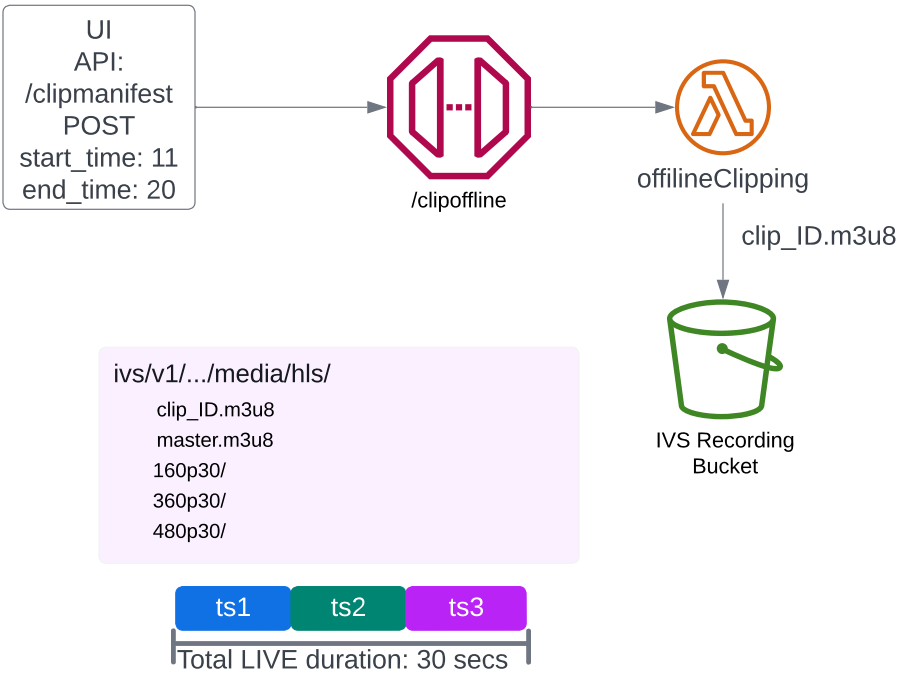
1B: API interface

**/clipmanifest**

Params: master\_url, start\_time, end\_time, clip\_name

Returns: clip\_id, clip\_url

1C: MVP Architecture



1D: manifestClip LAMBDA

```
POST
handler = async(event) => {
  // parse event body

  function manifestParser (url, start, end){
    // look for #EXT-X-PROGRAM-DATE-TIME corresponding to
    // the start time and endtime
  }

  function writeManisfest (bucket){
    //write the new manifest
  }

  function postinS3 (bucket){
    //write file to S3
  }

  return {response}
}
```

Dev Notes

- To Do
- ☐ Test if my account is activated with the PDT information
  - ☐ API Architecture
  - ☐ API clipping
    - ☐ date factoring
    - ☐ parse file
    - ☐ Manisfest refactor LAMBDA
  - ☐ ui api

```
manifest
#EXTM3U
#EXT-X-VERSION:3
#EXT-X-TARGETDURATION:11
#ID3-EQUIV-TDTG:2022-08-29T20:30:07
#EXT-X-PLAYLIST-TYPE:EVENT
#EXT-X-MEDIA-SEQUENCE:0
#EXT-X-TWITCH-ELAPSED-SECS:0.000
#EXT-X-TWITCH-TOTAL-SECS:95.433
#EXT-X-PROGRAM-DATE-TIME:2022-08-29T20:28:31.520Z
#EXTINF:10.267,
0.ts
#EXT-X-PROGRAM-DATE-TIME:2022-08-29T20:28:41.787Z
#EXTINF:10.566,
1.ts
#EXT-X-PROGRAM-DATE-TIME:2022-08-29T20:28:52.353Z
#EXTINF:10.534,
2.ts
#EXT-X-PROGRAM-DATE-TIME:2022-08-29T20:29:02.887Z
#EXTINF:10.800,
3.ts
#EXT-X-PROGRAM-DATE-TIME:2022-08-29T20:29:13.687Z
#EXTINF:10.700,
4.ts
#EXT-X-PROGRAM-DATE-TIME:2022-08-29T20:29:24.387Z
#EXTINF:10.666,
5.ts
#EXT-X-PROGRAM-DATE-TIME:2022-08-29T20:29:35.053Z
#EXTINF:10.900,
6.ts
#EXT-X-PROGRAM-DATE-TIME:2022-08-29T20:29:45.953Z
#EXTINF:10.234,
7.ts
#EXT-X-PROGRAM-DATE-TIME:2022-08-29T20:29:56.187Z
#EXTINF:10.766,
8.ts
#EXT-X-ENDLIST
...
```