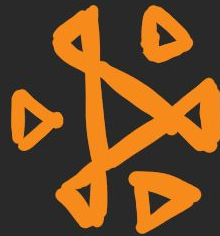


Distribution

Luke Curley



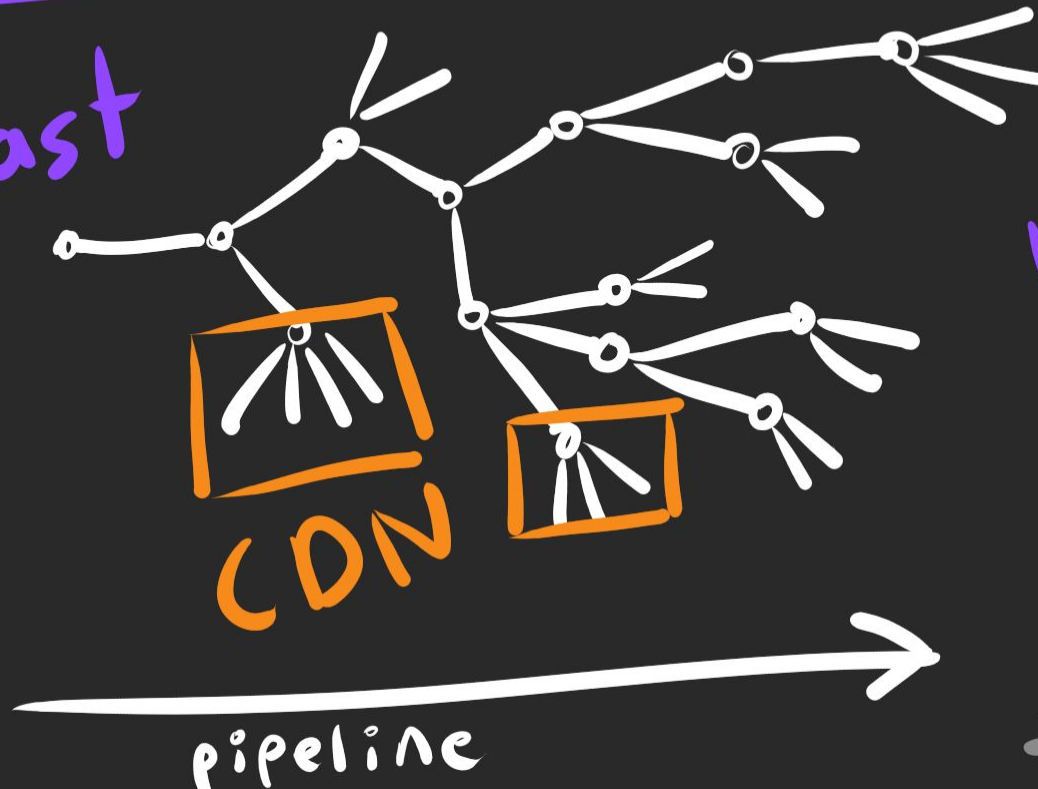
Twitch



Amazon
IVS

Fanout

Broadcast



Viewers

No feedback

Congestion



- Rendition switching
 - slow & dramatic
- Frame dropping?
- otherwise buffer

Latency

Realtime Interactive Loss-less



preference + network

broadcaster + viewer

Compatibility

- o All platforms

 - web mobile TV

- o All networks

 - Fiber Cellular International

HLS + LHLS + LL-HLS

high latency loss-less
congestion client ABR

head of line blocking

WebRTC

poor quality

real-time

implementation

black box

complexity



Warp

prioritized
Segments



interactive

drop tail

server ABR

ez switch

CMAF

HLS fallback

Questions?

A thick, wavy purple line underlines the word "Questions?".