

Warp + RUSH + QUICK

unified base draft

LONDON PREVIEW

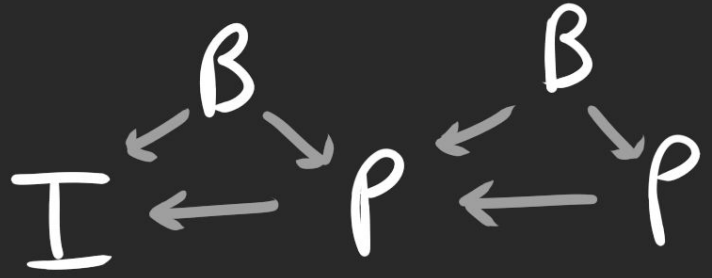
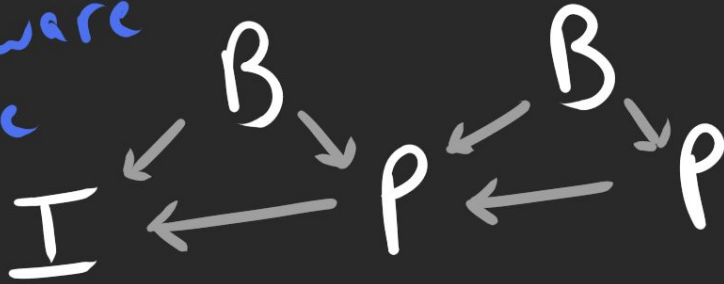
Goals

1. drop during congestion
2. respect encoding

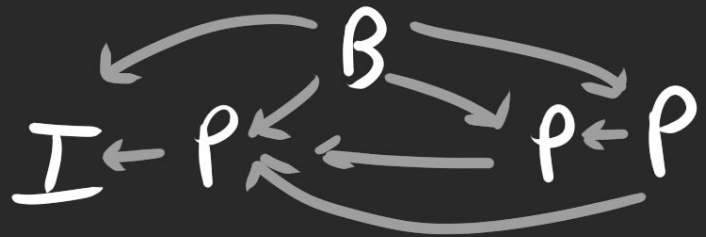
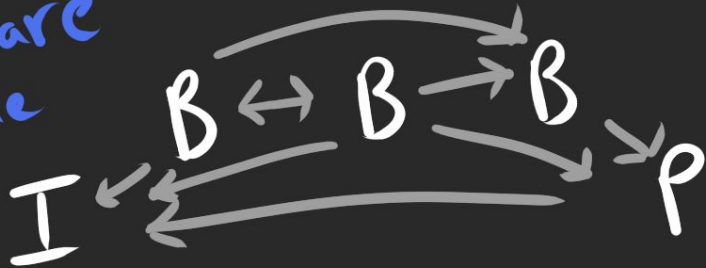
Low Latency + Simple



Hardware Encode

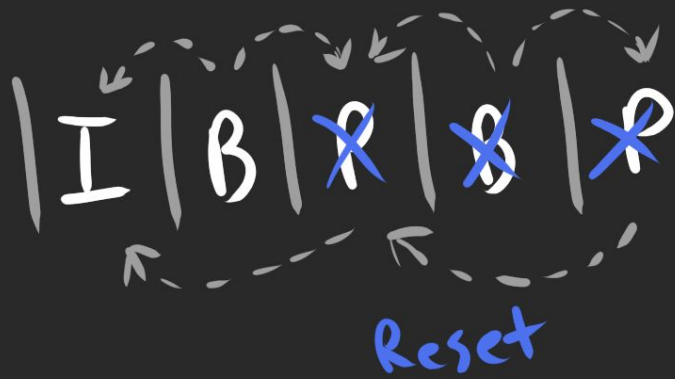


Software Encode



RUSH ∞

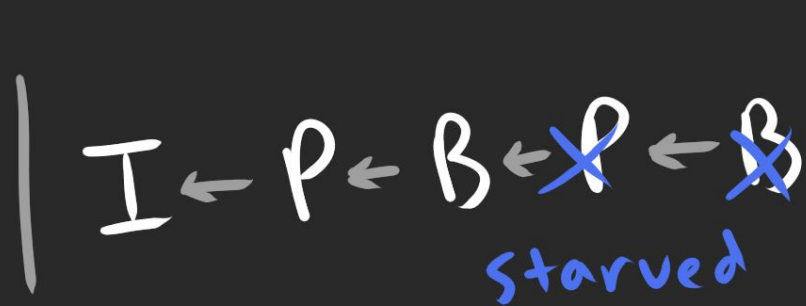
stream per frame



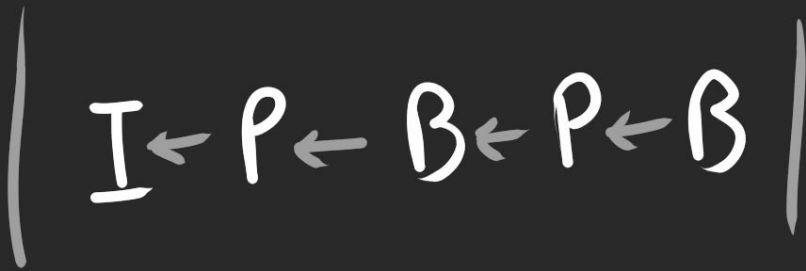
implicit dependencies

Warp 

Stream per Gop

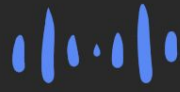


priority
2nd

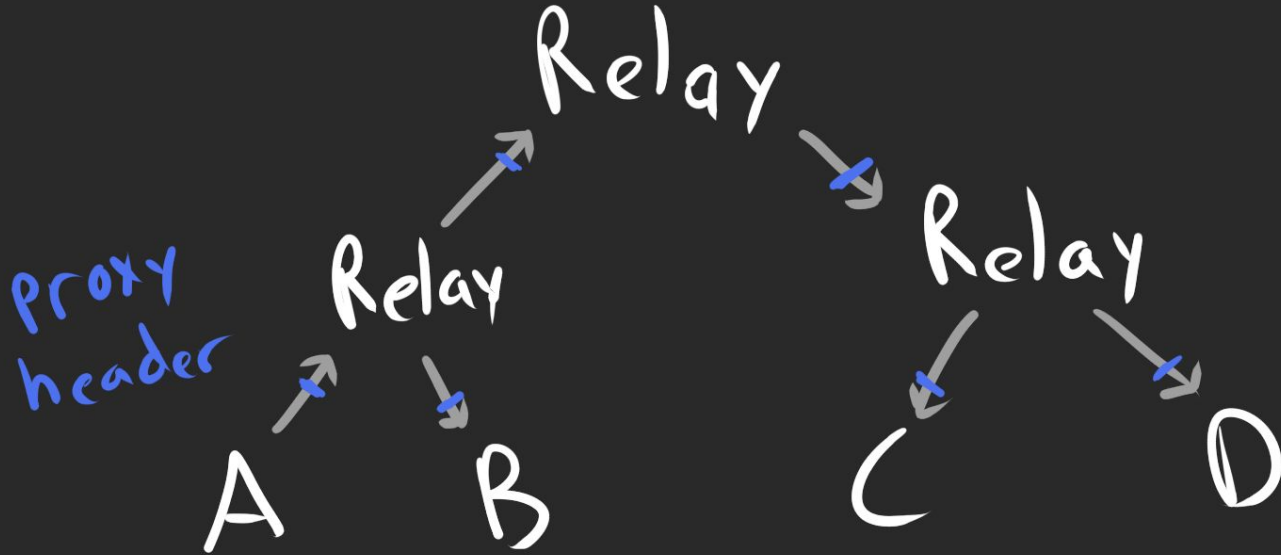


priority
1st

QUICR



pub/sub
+
RUSH/Warp



Unified

Warp or RUSH

2 ← I ← P ← P

4 ← ~~B~~ ← ~~B~~
starved

Stream per frame(s)
explicit ordering

1 ← I ← P ← P

3 ← B ← B

Next

- London draft
- CDN support?
 - ... aka the rest of QUICR
 - ... or HTTP/3?

THANKS



Luke

Suhas

Kirill

Buck

Cullen

Alan

James

Jordi

Max

Mike