

DATAGRAM-only QUIC profile

Premises:

- 1) QUIC more or less devolves usage of streams to the application layer.
- 2) Some effort being expended in HTTP/3 to avoid creating streams when not needed.
- 3) Other application layers may not need streams at all.

Proposition:

Define a DATAGRAM-only profile of QUIC.

Opportunity:

Combine with server-side cross connection congestion control to allow distinct QUIC stacks on the same "device" to play nice. E.g. QUIC+HTTP/3 & QUIC+DNS.