Editor Update
QUIC, IETF 103, November 2018
Martin Thomson
New of note in -15 / NYC interim outcomes

Transport and Recovery
merge ACK and ACK_ECN
max_ack_delay signaling
validate connection ID from Retry; only one Retry
RETIRE_CONNECTION_ID frame
handshake deadlock prevention

HTTP and QPACK
varint settings
Largest Reference encoded modulo MaxEntries
new Static Table
New of note in -16

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New Transport Structure

Streams
- Section 2 concepts
- Section 3 state machine
- Section 4 flow control

Connections
- Section 5 concepts
- Section 6 version negotiation
- Section 7 connecting
- Section 8 address validation
- Section 9 migration
- Section 10 closing
- Section 11 error handling

Packets and frames
- Section 12 concepts
- Section 13 ACKs & transmission
- Section 14 packet size

Wire format
- Section 15 versions
- Section 16 varint
- Section 17 headers
- Section 18 transport parameters
- Section 19 frames
- Section 20 error codes
New HTTP Structure

Connection Setup and Management
Stream Mapping and Usage
HTTP Framing Layer
HTTP Request Lifecycle
Connection Closure
Extensions to HTTP/QUIC
Error Handling
QPACK

(Not published this time around, preview only.)

Compression Process Overview
  Encoder
  Decoder
Header Tables
  Static Table
  Dynamic Table
Wire Format
  Primitives
  Stream Types
  Encoder Stream
  Decoder Stream
Request and Push Streams
Configuration
Error Handling
Planned changes for -17

First octet changes after spin bit resolution

Make stream limits based on count rather than ID

Housekeeping: renumber things

Other changes discussed today
Aim for stable protocol in -17

That means no changes without **strong** justification

Editors will close suggestions and feature requests

Please don’t open new design issues without discussion

... especially if you aren’t sure it’s a bug

Please open PRs for editorial issues

... we also take editorial issues