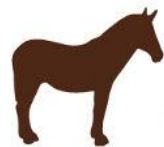


curl: // up



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curl://up

HTTP/3 in curl

Items

Build

Run

Internals

Status

Next

Build

```
./configure --with-ngtcp2=<install prefix>
```

- Needs a patched OpenSSL
- no HTTP/3 support
- SSL library agnostic

```
./configure --with-quiche=<install prefix>
```

- Needs BoringSSL
- *Has* HTTP/3 support

Run

```
$ curl --http3-direct https://cloudflare-quic.com/
```

- Not hooked into the alt-svc engine yet
- “prior knowledge” only
- Only “working” with Quiche
- No tests yet (need to ponder the infra)

Internals

Introducing “transport kind” per connection (extends the previous
→socktype)

```
#ifdef ENABLE_QUIC
```

```
CURLOPT_H3
```

```
CURL_VERSION_HTTP3
```

vquic/ - for QUIC + h3 backends

lib/quic.c has the generic QUIC/H3 functions

Since QUIC handles the multiplexing h3 might be easier than h2!

Status

The foundation is there to make this run

Alt-svc and CURLOPT_H3 should be enough

HTTP/0.9 over QUIC has been tested with curl + quiche

Work to do!

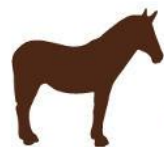
Next

Make sure HTTP/3 with quiche works

Add HTTP/3 capability to the test suite (SSL hell)

Get a QUIC connection working with ngtcp2 (while there's no HTTP/3 solution)

cur1: // up



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