HttpComponentsRoadmap

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HttpAsyncClient 4.1 development branch

1. Upgrade to Java 1.6 **(DONE)**
2. Limited support for request pipelining HTTPASYNC-8 **(DONE, REQUIRES TESTING)**

HttpCore / HttpClient 4.5 development branch

HttpCore / HttpClient 5.0 development branch

1. Support for HTTP/1.1 spec (RFC 7230 and related)
2. Per request transport stats (related to JMeter) HTTPCLIENT-1081
3. Completely overhaul GSS-API-based authentication backend HTTPCLIENT-1625 (design notes)
4. Experimental support for HTTP/2

in scope

1.
   - plain transport (no TLS)
   - stream multiplexing

1.
   - message push (a Stream that was Promised)

out of scope

1.
   - implementation with blocking I/O
   - (PRIORITY) stream prioritization and dependencies
   - (WINDOW_UPDATE) flow Control
   - TLS requirements