

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