

# HOW HTTP WORKS

**Web browser**  
10.192.AAA.BBB:30150

GET http://domainserver.serverExtn HTTP/1.1\r\n  
(Header: Lines\r\n)\r\n

**afsaccess3(proxy)**  
128.235.XXX.YYY:3443

1. Remove Hop-to-Hop Headers
2. Remove Invalid Syntax Headers
3. Ignore(Forward) Unknown Headers
4. Forward Known Headers
5. Add Header "Connection: close\r\n"
6. Add "Via: 1.1 afsaccess3.njit.edu\r\n"
7. Accept Transfer-Encoding header tags

After Edit say the new header lines are stored in buffer named as,  
**newHeaders**

\* Proper (Valid) Header Syntax  
(Tag:<SP>Value\r\n)

GET / HTTP/1.1\r\n  
(newHeaders)\r\n

**domainserver.serverExtn**  
WWW.VVV.UUU.ZZZ:80

HTTP/1.1 OK\r\n  
(Header: Lines\r\n)\r\n  
<<Data>>

HTTP/1.1 OK\r\n  
(Header: Lines\r\n)\r\n  
<<Data>>

