

Re: Delivering on talk

Source: <http://www.derkeiler.com/Newsgroups/sci.crypt/2003-12/1931.html>

From: Jean-Luc Cooke (jlcooke_at_lager.engsoc.carleton.ca)

Date: 12/31/03

Date: 31 Dec 2003 14:35:10 GMT

I've just used the Axis Tools TCPMon application to sniff all the traffic when loading the embedded frame applet.

HTTP 1.1 allows for socket re-use. That is, multiple HTTP request/responses are done with a single socket connection, reducing network overhead.

http://jlcooke.ca/psearch/dmd5_httpsniff.txt

Total size is around 12k.

It is also interesting to note that hitting reload/refresh button causes the browser to ask the server for the last modified date of the applet.

GET ... HTTP/1.1

...

If-Modified-Since: Wed, 31 Dec 2003 14:30:43 GMT

If-None-Match: "2c00b0-46b-3ff2dd93"

...

And server replies:

HTTP/1.1 304 Not Modified

Date: Wed, 31 Dec 2003 14:31:43 GMT

Server: Apache/1.3.26 (Unix) Debian GNU/Linux PHP/4.1.2 mod_perl/1.26

Connection: Keep-Alive

Keep-Alive: timeout=15, max=100

ETag: "2c00b0-46b-3ff2dd93"

By not sending the requested page. The applet is never loaded again.

How strange and wonderful to world of browsers is.

JLC

--