

Re: minimal httpd response

Source: <http://coding.derkeiler.com/Archive/General/comp.programming/2004-02/2151.html>

From: xbunny (xbunny_at_eidosnet.co.uk)

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Martijn wrote:

>>>> *The point is, when I use direct telnet, everything works fine, but*
>>>> *when I use links, it chokes and tells me the following:*

>>>

>>>

>>>> *Alert!: Unexpected network read error; connection aborted.*

>>>> *Can't Access '<http://www.xxxxxx.nl:12000/index.html>'*

>>>> *Alert!: Unable to access document.*

>>>>

>>>> *lynx: Can't access startfile*

>>>>

>>>

>>> *I built a toy httpd server once and alot of browsers got PO'd if I*

>>> *closesocket the connection after sending the headers. They wanted the*

>>> *socket to linger. Perhaps that is your culprit?*

>>>

>>

>> *I should qualify that some more, linger is an option you set on the*

>> *socket, you should still closesocket of course. Forgive me it was a long*

>> *time ago...*

>

>

> *Hmmm, I honestly don't know where to look for this one. Check the man pages*

> *for some of the commands I use (in C), but haven't found anything. Any*

> *pointers?*

>

> *Thanks again,*

>

http://msdn.microsoft.com/library/default.asp?url=/library/en-us/winsock/winsock/graceful_shutdown_linger_options

I know its microsoft but this probably tells it better than I can (though I guess from the man ref your using unix in which case closesocket is just close). Basically the problem I had which looks like yours (ie telnet looks good, browser not happy) was due to not closing the socket gracefully.

Possibly man setsockopt (look for the section on SO_LINGER), shutdown and close might help.

comp.programming: Re: minimal httpd response

Incidentally I found netscape (maybe mozilla now) really handy for debugging since if you send it back a screwy http response it just displays it as text!