

Re: making an http server

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2005-12/msg00052.html>

- *From:* "Cowboy \((Gregory A. Beamer)" <NoSpamMgbworld@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 30 Nov 2005 10:57:41 -0600
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Probably some hints here:

<http://www.asp.net/Projects/Cassini/Download/Default.aspx?tabindex=0&tabid=1>

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Think Outside the Box!

"lucifer" <umeshktangnu@xxxxxxxxxx> wrote in message
<news:1133369609.498812.314330@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

```
> hi
> i am making an http server
> it has following functions
> main()
> {
> if option is "-?", output the hints and stop
> check the directory supplied is sensible and not a security risk
> become a daemon process
> ignore child programs (to avoid zombies when child processes stop)
>
> create a socket, bind it to a port number and start listening to the
> socket
>
> forever {
> wait and accept incoming socket connection
> start a new thread
> web function
> else close new connection
> }
> }
>
> log()
> {
> outputs error, sorry or log messages to the nweb.log file
> if a sorry message, transmit it to the browser as a fake HTML response
> if error or sorry message the program is stopped
```

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```
> }
>
> web() – this function returns the request back to the browser
> {
> read from the socket the HTTP request
> check it's a simple GET command
> check no parent directory requested to escape the web servers home
> directory
> if no file name given assume index.html
> check the file extension is valid and supported
> check the file is readable by opening it
> transmit the HTTP header to the browser
> transmit the file contents to the browser
> sleep thread for 1 second
> stop
> }
> mine problem is how can i start a new thread for every new request i
> recieve
> plz help
>
```

- **References:**

- ◆ **[making an http server](#)**

- ◇ *From: lucifer*

- Prev by Date: **[Creating a new direct cable connection](#)**

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