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How to get source of a Web Page in C



Contributed by [lionaneesh](#) () On 31st January, 2011

This is an article on *How to get source of a Web Page in C in C*.

Note : The following source will only work with non-chunked encoding servers...The servers which have enabled the encoding set to chunked will not properly work with this source...

And I assume basic knowledge of SOCKETS UNIX API and C language as prerequisites...

Source

Code:

```

s.h>
et.h>
t.h>
>

RECV_LIMIT 3000
ART_IDENTIFIER "<!DOCTYPE"
ART_IDENTIFIER2 "<html>"           //this is the name of the identifier
"/"                               // ENTER THE FILENAME HERE
80"                               // default for web-browsers

, char *argv[])

= 2)

printf("Usage %s : hostname\n",argv[0]);
return(0);
  
```

Compiling :-

Code:

```
gcc getSource.c -o getSource
```

Sample

I am providing sample with apache on my server ...

You can see the settings here:-

Code:



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```
aneesh@aneesh-laptop:~/articles/C/getSrc$ telnet 127.0.0.1 80

Trying 127.0.0.1...

Connected to 127.0.0.1.

Escape character is '^]'.

GET / HTTP/1.1

HTTP/1.1 400 Bad Request

Date: Mon, 31 Jan 2011 16:04:45 GMT

Server: Apache/2.2.14 (Ubuntu)

Vary: Accept-Encoding

Content-Length: 301
```

Output:-

Code:

```
eesh@aneesh-laptop:~/articles/C/getSrc$ ./getSource 127.0.0.1

T / HTTP/1.1

st: 127.0.0.1

tml<>body><h1>It works!</h1>

>This is the default web page for this server.</p>
```

Hey guyz stay tuned as i am trying hard to add Chunked data functionality to it and maybe i'll write another article on it ...

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- [Web X.0](#), by [techexplorer](#) in *Engineering Concepts*



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