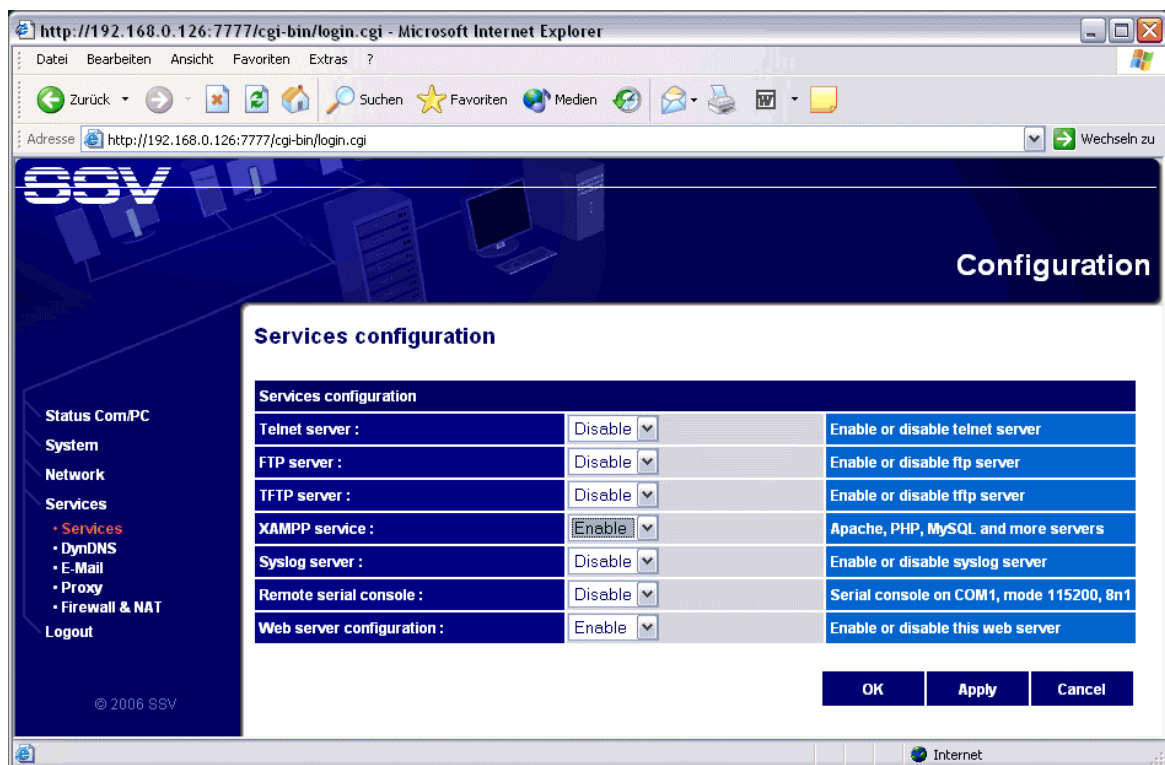


How to write a *Hello World* for the Apache Web server

The Com/PC Embedded Gateway Linux (EGL/2) operating system comes with a pre-installed Apache Web server. The object storage space (e.g. HTML pages, pictures, CGI programs, Java Applets ...) for this Web server is located within the R/W (Read/Write) section of the EGL/2 Compact Flash card.

- **1. Step:** Run the EGL/2 Web-based configuration interface over LAN2. Select the main menu item *Services* and the sub item *Services (Services configuration)*. Then turn on the *XAMPP service*. XAMPP stands for Apache, MySQL, PHP and Perl. This service runs the Apache Web server on your Com/PC.

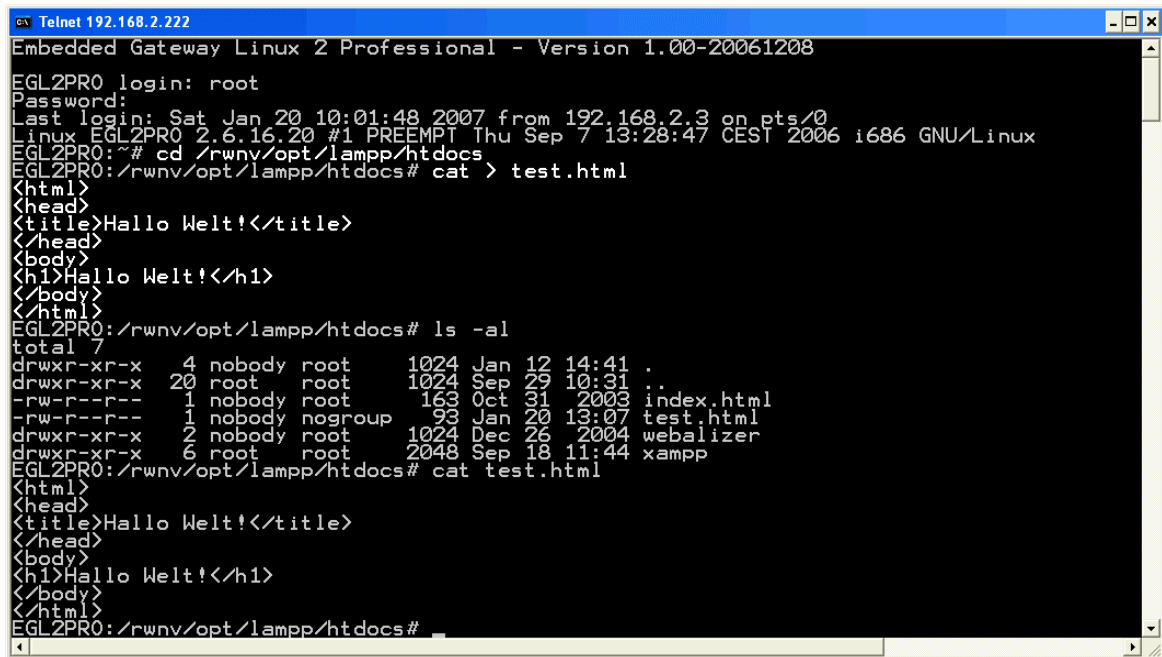


- **2. Step:** Press the *Apply* push button. After a short period of time the new services settings for the Com/PC is valid.
- **3. Step:** Run a SSH or Telnet client on your desktop PC (please see also: *mHT-CPC1L-04.pdf: How to use a SSH session* and *mHT-CPC1L-05.pdf: How to use a Telnet session*). Use the user name *root* and the password *root* for your login.
- **4. Step:** Enter the following command lines within this SSH or Telnet session:

```
cd /rwnv/opt/lamp/htdocs
cat > test.html
<html>
<head>
```

```
<title>Hallo Welt!</title>
</head>
<body>
<h1>Hallo Welt!</h1>
</body>
</html>
```

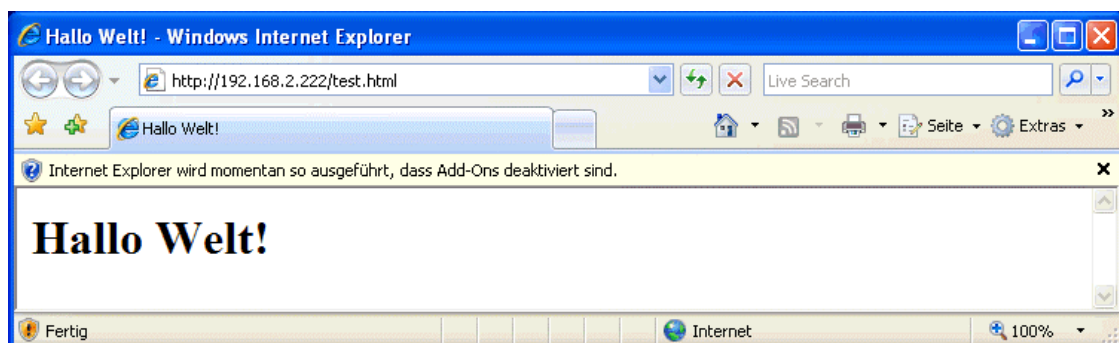
CTRL-D (*CTRL-D stops the Linux cat command*)



```
Telnet 192.168.2.222
Embedded Gateway Linux 2 Professional - Version 1.00-20061208
EGL2PR0 login: root
Password:
Last login: Sat Jan 20 10:01:48 2007 from 192.168.2.3 on pts/0
Linux EGL2PR0 2.6.16.20 #1 PREEMPT Thu Sep 7 13:28:47 CEST 2006 i686 GNU/Linux
EGL2PR0:~# cd /rwnv/opt/lampp/htdocs
EGL2PR0:/rwnv/opt/lampp/htdocs# cat > test.html
<html>
<head>
<title>Hallo Welt!</title>
</head>
<body>
<h1>Hallo Welt!</h1>
</body>
</html>
EGL2PR0:/rwnv/opt/lampp/htdocs# ls -al
total 7
drwxr-xr-x  4 nobody root    1024 Jan 12 14:41 .
drwxr-xr-x 20 root      root    1024 Sep 29 10:31 ..
-rw-r--r--  1 nobody root     163 Oct 31 2003 index.html
-rw-r--r--  1 nobody nogroup  93 Jan 20 13:07 test.html
drwxr-xr-x  2 nobody root    1024 Dec 26 2004 webalizer
drwxr-xr-x  6 root      root    2048 Sep 18 11:44 xampp
EGL2PR0:/rwnv/opt/lampp/htdocs# cat test.html
<html>
<head>
<title>Hallo Welt!</title>
</head>
<body>
<h1>Hallo Welt!</h1>
</body>
</html>
EGL2PR0:/rwnv/opt/lampp/htdocs#
```

These command lines create the new HTML file `/rwnv/opt/lampp/htdocs/test.html` within the R/W (Read/Write) section of the Compact Flash card with the German version of “Hello World”.

- **5. Step:** Run your PC Web browser and access the HTML file with your browser. Use the URL `http://192.168.2.222/test.html`. This URL assumes that your Com/PC is using the IP address **192.168.2.222**. Change this address if necessary.



That is all.