

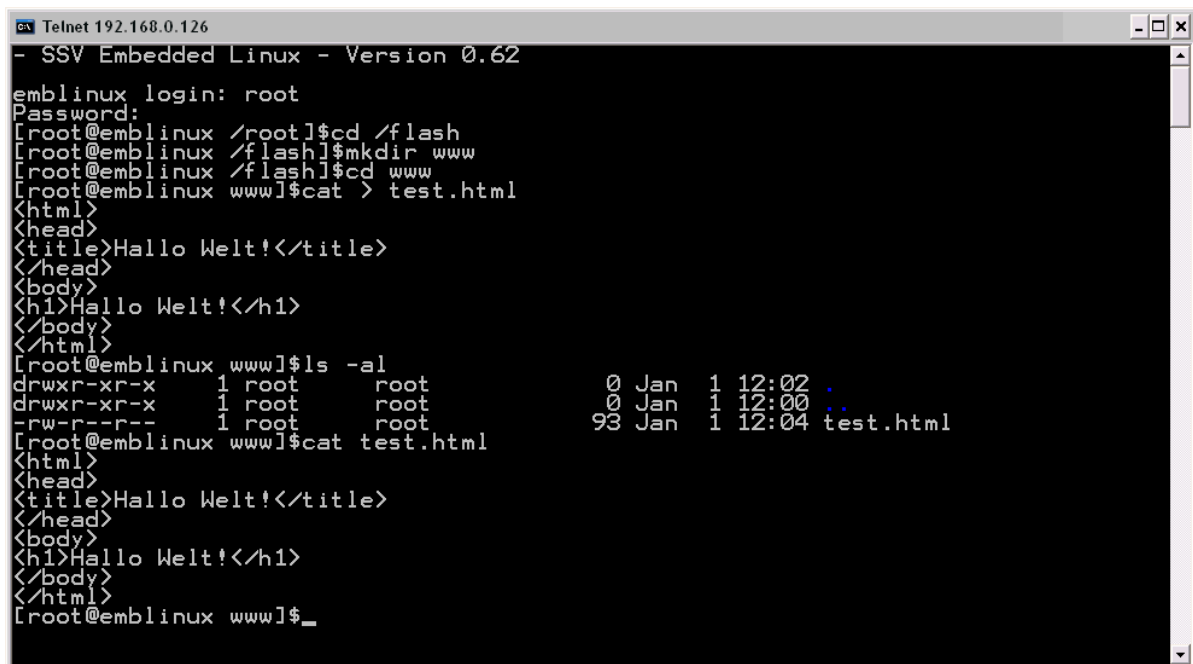
## How to write a *Hello World* for the DNP/9200 Web server

The DIL/NetPC DNP/9200 default embedded Linux configuration comes with a preinstalled embedded Web server (the *thttpd* – see also <http://www.acme.com/software/thttpd/> for more information). This feature allows you to access Web pages and CGI programs with a Web browser (CGI = Common Gateway Interface).

- **1. Step:** Run a Telnet client on your desktop PC (please see also: *mHT9200-08.pdf: How to use the DNP/9200 Linux Telnet Server*). Then enter the following command lines within this Telnet session:

```
cd /flash
mkdir www
cd www
cat > test.html
<html>
<head>
<title>Hallo Welt!</title>
</head>
<body>
<h1>Hallo Welt!</h1>
</body>
</html>
```

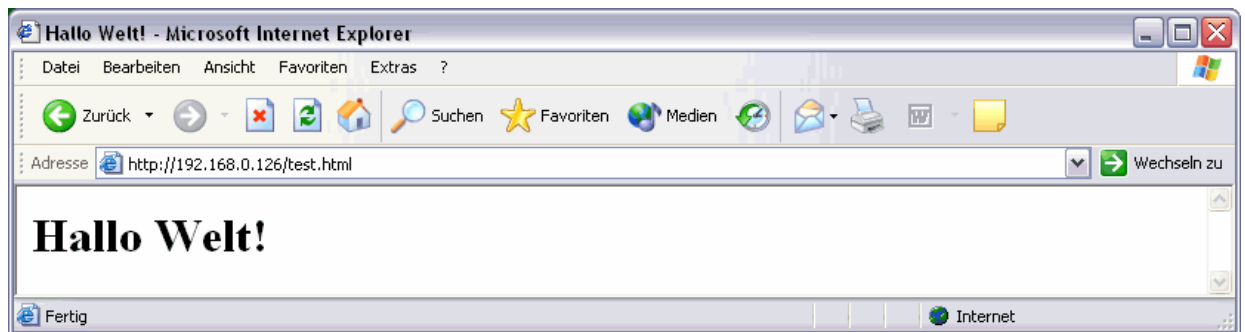
CTRL-D (*CTRL-D stops the Linux cat command*)



```
Telnet 192.168.0.126
- SSV Embedded Linux - Version 0.62
emblinux login: root
Password:
[root@emblinux /root]#cd /flash
[root@emblinux /flash]#mkdir www
[root@emblinux /flash]#cd www
[root@emblinux www]#cat > test.html
<html>
<head>
<title>Hallo Welt!</title>
</head>
<body>
<h1>Hallo Welt!</h1>
</body>
</html>
[root@emblinux www]#ls -al
drwxr-xr-x  1 root  root           0 Jan  1 12:02 .
drwxr-xr-x  1 root  root           0 Jan  1 12:00 ..
-rw-r--r--  1 root  root          93 Jan  1 12:04 test.html
[root@emblinux www]#cat test.html
<html>
<head>
<title>Hallo Welt!</title>
</head>
<body>
<h1>Hallo Welt!</h1>
</body>
</html>
[root@emblinux www]#_
```

These command lines create the new HTML file */flash/www/test.html* within the R/W (Read/Write) section of the DNP/9200 flash memory with the German version of “Hello World”.

- **2. Step:** Reboot your DNP/9200. The Linux O/S restarts then the *thttpd* Web server with the new directory **/flash/www**.
- **3. Step:** Run your PC Web browser and access the HTML file with your browser. Use the URL `http://192.168.0.126/test.html`. This URL assumes that your DNP/9200 is using the IP address **192.168.0.126**. Change this address if necessary.



**Please note:** The steps of this document are tested with the DIL/NetPC DNP/9200 and Linux kernel version 2.4.

That is all.