

How to write a *Hello World* for the DNP/2110 Embedded Web Server

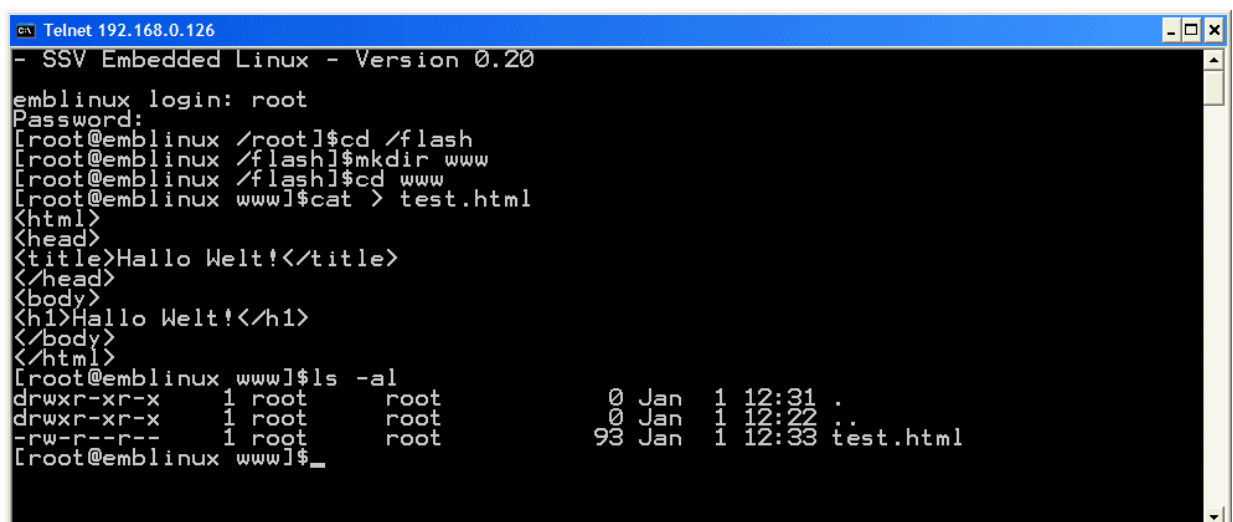
The DIL/NetPC DNP/2110 default Linux configuration comes with a pre-installed embedded Web server. The object storage space (HTML pages, pictures, CGI programs, Java Applets, ...) for this Web server is located within the DIL/NetPC DNP/2110 flash memory.

- **1. Step:** Setup a Telnet session with root user rights from your PC to the DIL/NetPC DNP/2110. 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>
```

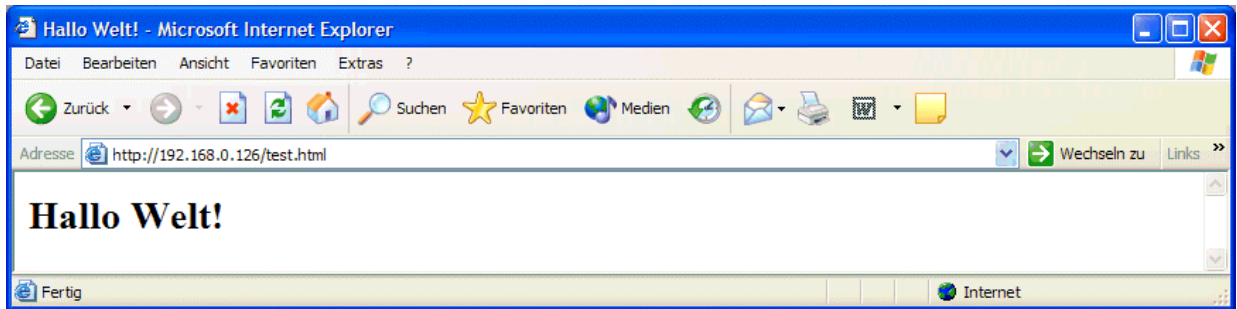
CTRL-D (*CTRL-D stops the Linux cat command*)

This command lines create a HTML file `/flash/www/test.html` within the DIL/NetPC DNP/2110 flash memory with the German version of “Hello World”.



```
Telnet 192.168.0.126
- SSV Embedded Linux - Version 0.20
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]$ls -al
drwxr-xr-x  1 root  root           0 Jan  1 12:31 .
drwxr-xr-x  1 root  root           0 Jan  1 12:22 ..
-rw-r--r--  1 root  root          93 Jan  1 12:33 test.html
[root@emblinux www]$_
```

- **2. Step:** Run your PC Web browser and access the HTML file `test.html` with your browser. Use the URL `http://192.168.0.126/test.html`. This URL assumes, that your DNP/2110 is using the IP address 192.168.0.126 for the Ethernet LAN interface LAN1. Change this IP address if necessary.



Please note: `/flash/www` is the default directory for the DNP/2110 embedded Web server. Please restart the DNP/2110 Linux after the creation of `/flash/www/test.html` and before the first access with a Web browser. The DNP/2110 embedded Web server look out for `/flash/www` at boot time. If this the directory `/flash/www` at boot time does not exist, the DIL/NetPC DNP/2110 embedded Web server works with the RAM disk-based directory `/usr/local/www`.

That's all.