SSV

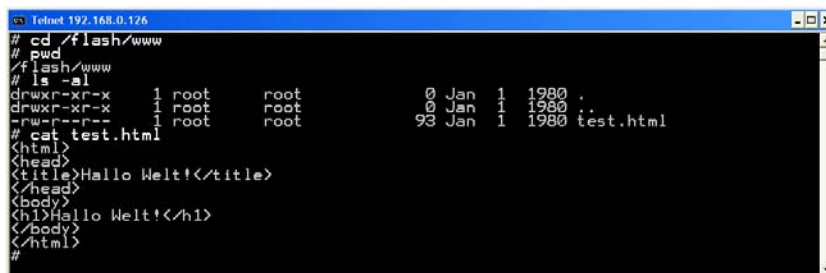## How to write a *Hello World* for the MB/1520-100 Embedded Web Server

The DIL/NetPC ADNP/1520 default Linux configuration of your Application Board MB/1520-100 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 ADNP/1520 flash memory.

- **1. Step**: Setup a Telnet session from your PC to the DIL/NetPC ADNP/1520 of your Application Board MB/1520-100. Enter the following command lines within this Telnet session:

```
cd /flash/www
cat > test.html
<html>
<head>
<title>Hallo Welt!</title>
</head>
<body>
<h1>Hallo Welt!</h1>
</body>
</html>
```
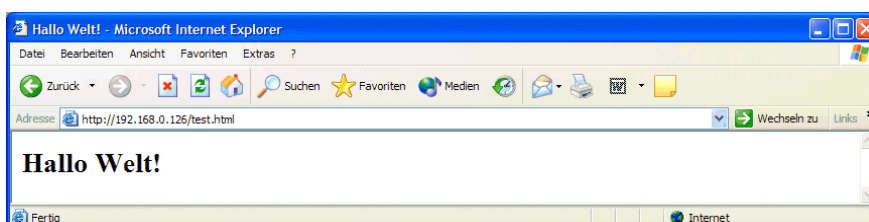CTRL-D (*CTRL-D stops the Linux cat command*)

This command lines create a HTML file `/flash/www/test.html` within the DIL/NetPC ADNP/1520 flash memory with the German version of "Hello World". Create the directory `/flash/www` if this directory does not exists.

- **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 Application Board MB/1520-100 is using the IP address 192.168.0.126 for the Ethernet LAN interface LAN1. Change this IP address if necessary.

Please note: Create the directory `/flash/www` if necessary. Please restart the MB/1520 Embedded Gateway Linux after the creation and before the first access with a Web browser. The MB/1520 embedded Web server look out for `/flash/www` at Embedded Gateway Linux boot time. If this the directory `/flash/www` at boot time does not exist, the MB/1520 embedded Web server works with the RAM disk-based directory `/usr/local/www`.

That's all.