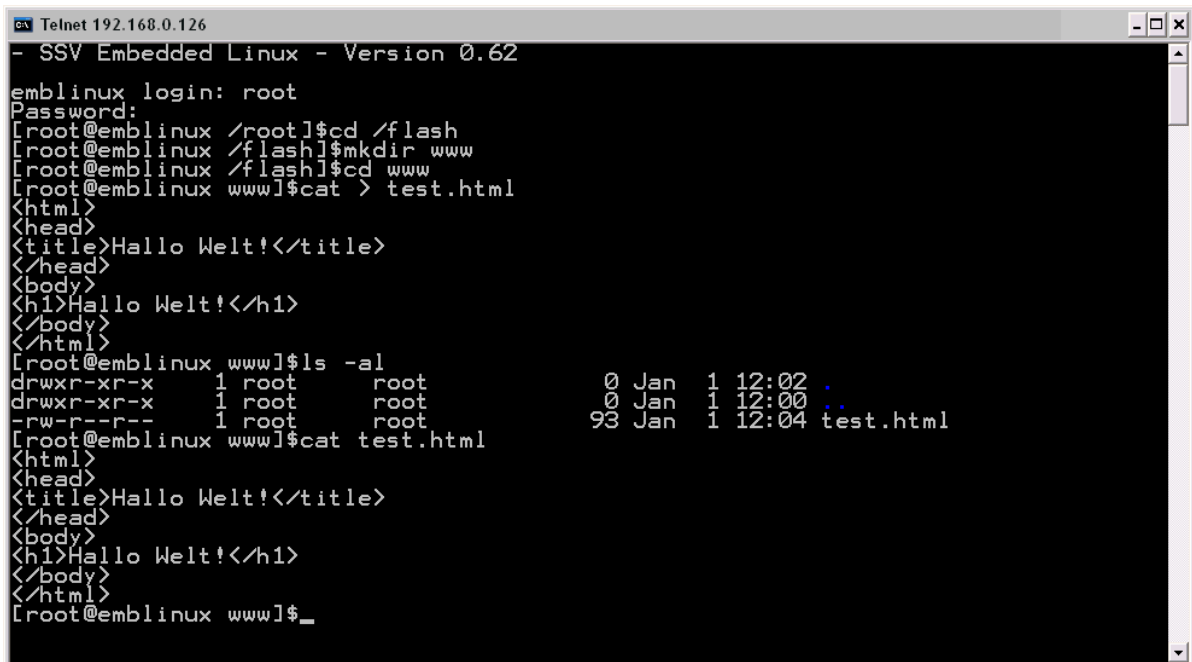## How to write a *Hello World* for the DNP/9200 Web server

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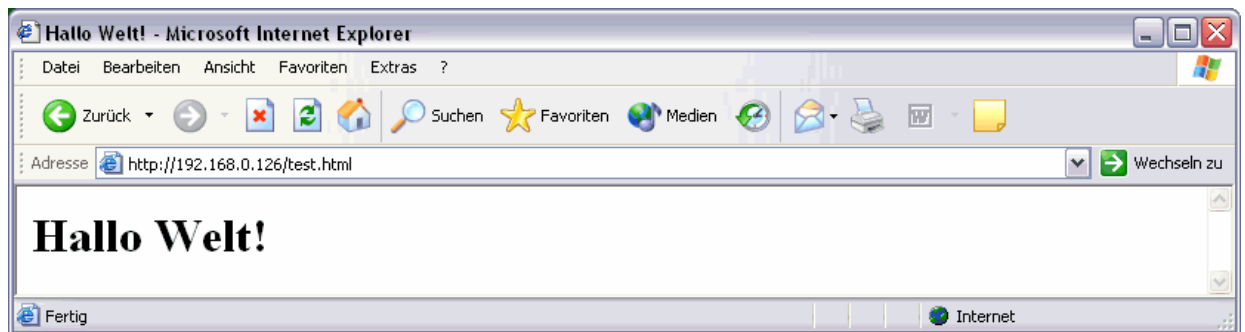CTRL-D (*CTRL-D stops the Linux cat command*)

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.