

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.

Co Telnet 192.168.0.126				- 🗆 ×
<pre># cd /flash/www # pud /flash/www # pud /flash/www # is -ai drwxr-xr-x 1 root drwxr-xr-x 1 root drwxr-xr-x 1 root drwxr-xr-x 1 root (httl>st.html (httl>st.html (httl>st.html (httl>hallo Welt!(/titl (hoad) (hoad) (hoad) (hoad) #</pre>	root root root	0 Jan 0 Jan 93 Jan	1980 . 1980 : 1980 test.html	1

• 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.

a Hallo Welt! - Microsoft Internet Explorer	
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Adresse 🕘 http://192.168.0.126/test.html	eln zu Links »
Hallo Welt!	~
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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.