

How to write a *Hello World* for the IGW/100 Embedded Web Server

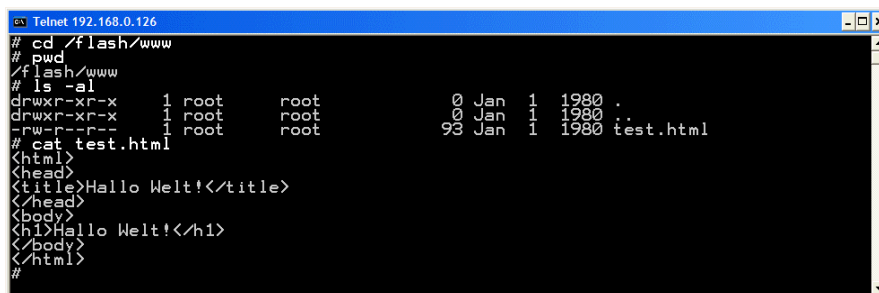
The DIL/NetPC ADNP/1520 default Linux configuration of your IGW/100 Linux Security Gateway comes with a pre-installed embedded Web server. The object storage space (HTML pages, pictures, CGI programs, Java Applets, ...) for this Web server is located within the DIL/NetPC ADNP/1520 flash memory.

- **1. Step:** Setup a Telnet session from your PC to the DIL/NetPC ADNP/1520 of your IGW/100 Linux Security Gateway. 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>
```

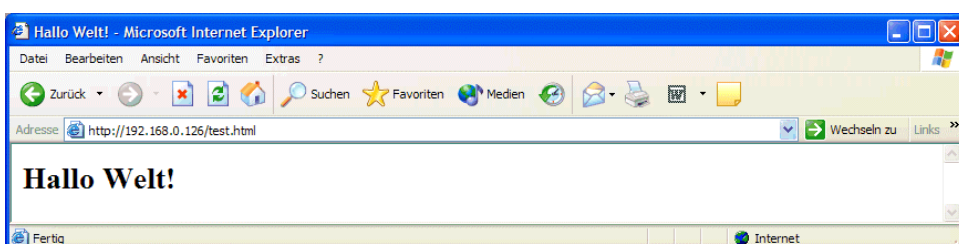
CTRL-D (*CTRL-D stops the Linux cat command*)

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.



```
Telnet 192.168.0.126
# cd /flash/www
# pwd
/flash/www
# ls -al
drwxr-xr-x  1 root  root    0 Jan  1  1980 .
drwxr-xr-x  1 root  root    0 Jan  1  1980 ..
-rw-r--r--  1 root  root   93 Jan  1  1980 test.html
# cat test.html
<html>
<head>
<title>Hallo Welt!</title>
</head>
<body>
<h1>Hallo Welt!</h1>
</body>
</html>
#
```

- **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 IGW/100 Linux Security Gateway 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 IGW/100 Embedded Gateway Linux after the creation and before the first access with a Web browser. The IGW/100 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 IGW/100 embedded Web server works with the RAM disk-based directory `/usr/local/www`.

That's all.