

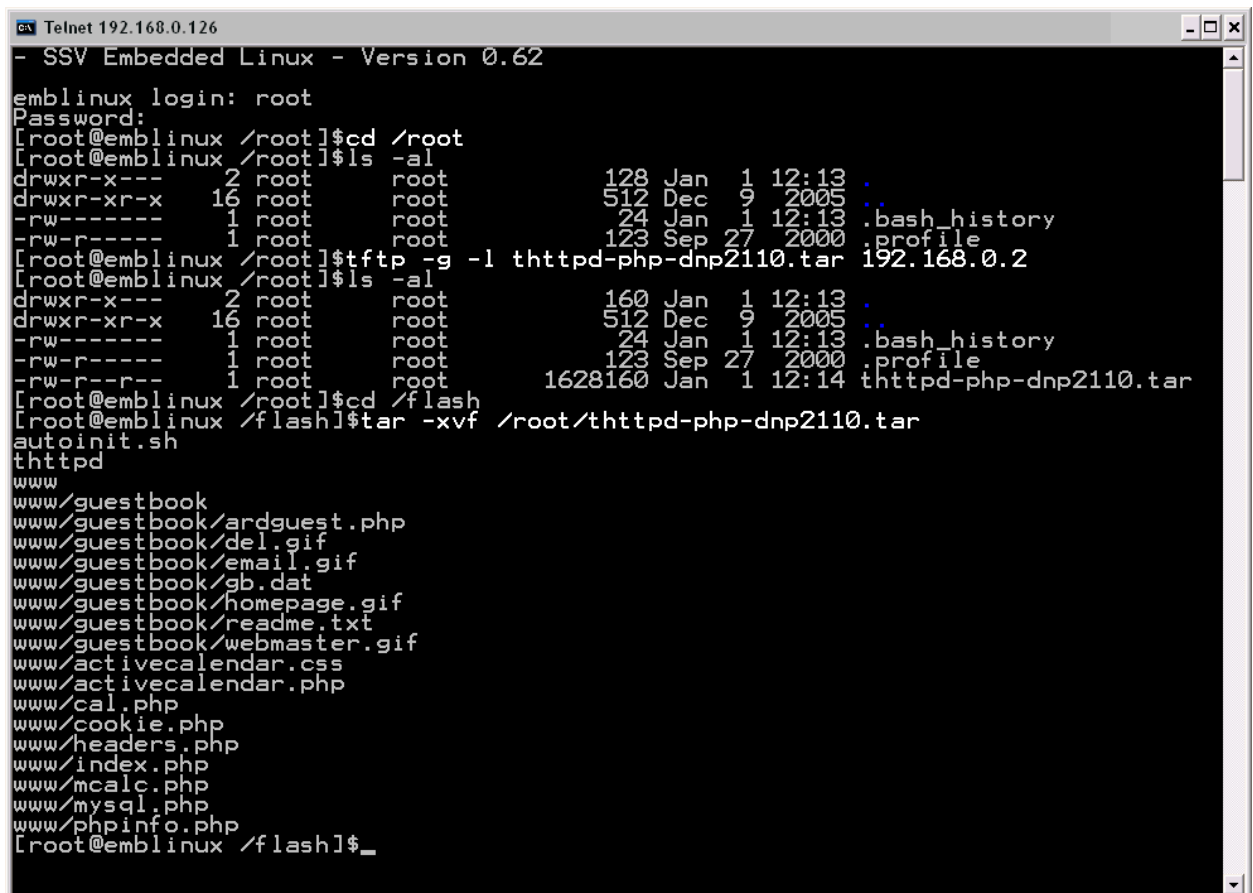
## How to use PHP with the DNP/2110 Web Server

The DIL/NetPC DNP/2110 embedded web server offers a CGI interface. This allows you to write CGI programs in C/C++ and run these programs over a HTTP request. It is also possible to use Linux shell scripts together with the DNP/2110 CGI interface. Over an extension, you can use PHP scripting in addition to C-based CGI and Linux shell scripts.

- **1. Step:** Setup a Telnet-based session. Login as *root* user. Change to DNP/2110 directory *root* and download the tar file *thttpd-php-dnp2110.tar* with FTP or TFTP from your PC to this DNP/2110 directory. The file *thttpd-php-dnp2110.tar* is available over the download area of [www.dilnetpc.com](http://www.dilnetpc.com) or from the DNP/2110 starter kit CD-ROM (version 1.03 or later).
- **2. Step:** Please execute the following two Linux commandos within the DNP/2110-based Telnet session:

```
cd /flash
```

```
tar -xvf /root/thttpd-php-dnp2110.tar
```

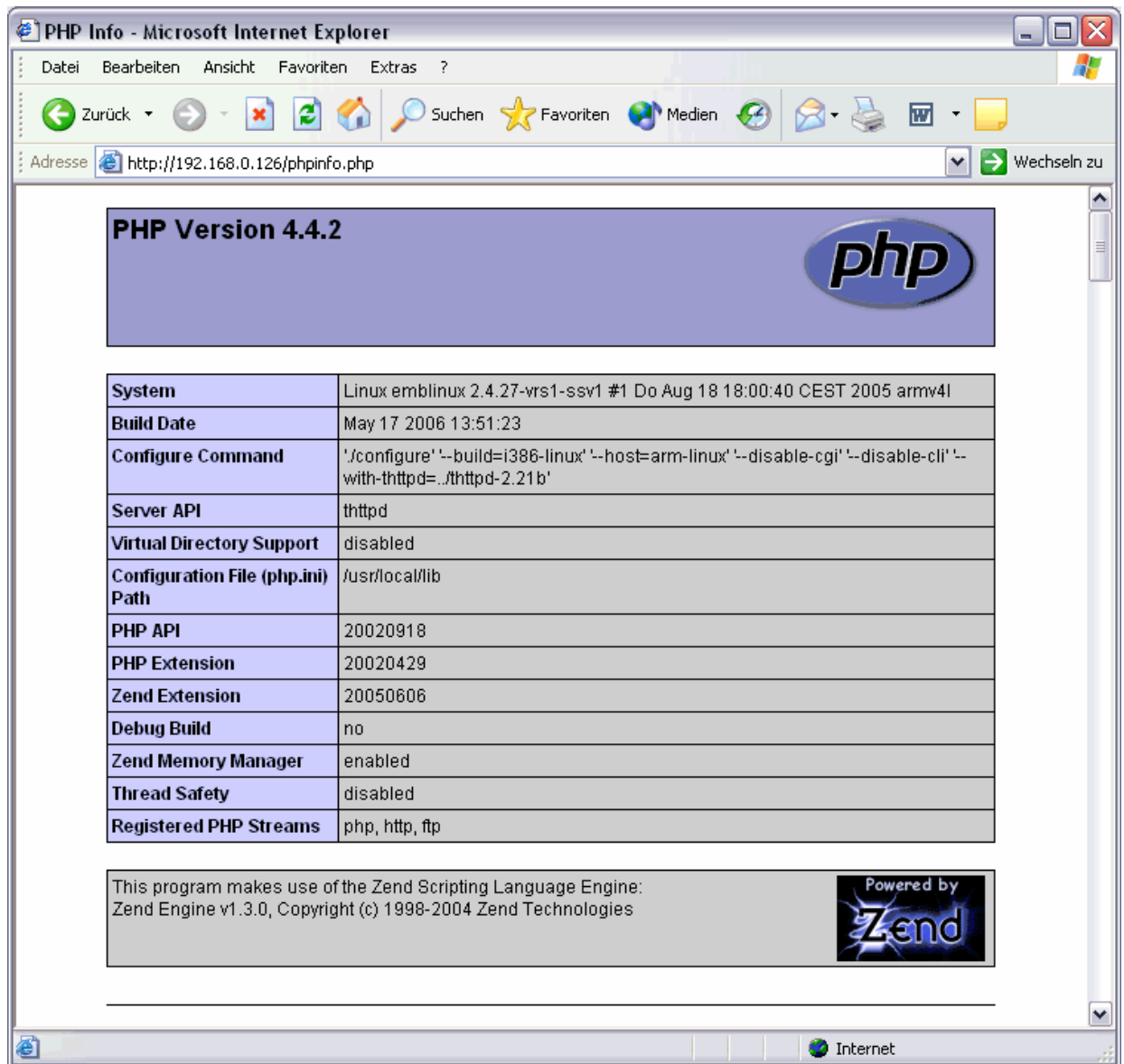


```

Telnet 192.168.0.126
- SSV Embedded Linux - Version 0.62
emblinux login: root
Password:
[root@emblinux /root]$cd /root
[root@emblinux /root]$ls -al
drwxr-x---  2 root    root           128 Jan  1 12:13 .
drwxr-xr-x 16 root    root           512 Dec  9 2005 ..
-rw-----  1 root    root            24 Jan  1 12:13 .bash_history
-rw-r----- 1 root    root           123 Sep 27 2000 .profile
[root@emblinux /root]$tftp -g -l thttpd-php-dnp2110.tar 192.168.0.2
[root@emblinux /root]$ls -al
drwxr-x---  2 root    root           160 Jan  1 12:13 .
drwxr-xr-x 16 root    root           512 Dec  9 2005 ..
-rw-----  1 root    root            24 Jan  1 12:13 .bash_history
-rw-r----- 1 root    root           123 Sep 27 2000 .profile
-rw-r--r--  1 root    root          1628160 Jan  1 12:14 thttpd-php-dnp2110.tar
[root@emblinux /root]$cd /flash
[root@emblinux /flash]$tar -xvf /root/thttpd-php-dnp2110.tar
autoinit.sh
thttpd
www
www/guestbook
www/guestbook/ardguest.php
www/guestbook/del.gif
www/guestbook/email.gif
www/guestbook/gb.dat
www/guestbook/homepage.gif
www/guestbook/readme.txt
www/guestbook/webmaster.gif
www/activecalendar.css
www/activecalendar.php
www/cal.php
www/cookie.php
www/headers.php
www/index.php
www/mcalc.php
www/mysql.php
www/phpinfo.php
[root@emblinux /flash]$_

```

- **3. Step:** Reboot the DNP/2110.
- **4. Step:** Run your PC web browser and access the URL <http://192.168.0.126> (192.168.0.126 is the default IP address of the DNP/2110) or <http://192.168.0.126/phpinfo.php>



**PHP Version 4.4.2**

<b>System</b>	Linux emlinux 2.4.27-vrs1-ssv1 #1 Do Aug 18 18:00:40 CEST 2005 armv4l
<b>Build Date</b>	May 17 2006 13:51:23
<b>Configure Command</b>	'./configure' '--build=i386-linux' '--host=arm-linux' '--disable-cgi' '--disable-cli' '--with-thttpd=../thttpd-2.21b'
<b>Server API</b>	thttpd
<b>Virtual Directory Support</b>	disabled
<b>Configuration File (php.ini) Path</b>	/usr/local/lib
<b>PHP API</b>	20020918
<b>PHP Extension</b>	20020429
<b>Zend Extension</b>	20050606
<b>Debug Build</b>	no
<b>Zend Memory Manager</b>	enabled
<b>Thread Safety</b>	disabled
<b>Registered PHP Streams</b>	php, http, ftp

This program makes use of the Zend Scripting Language Engine:  
Zend Engine v1.3.0, Copyright (c) 1998-2004 Zend Technologies

Powered by  
**Zend**

That's all.