

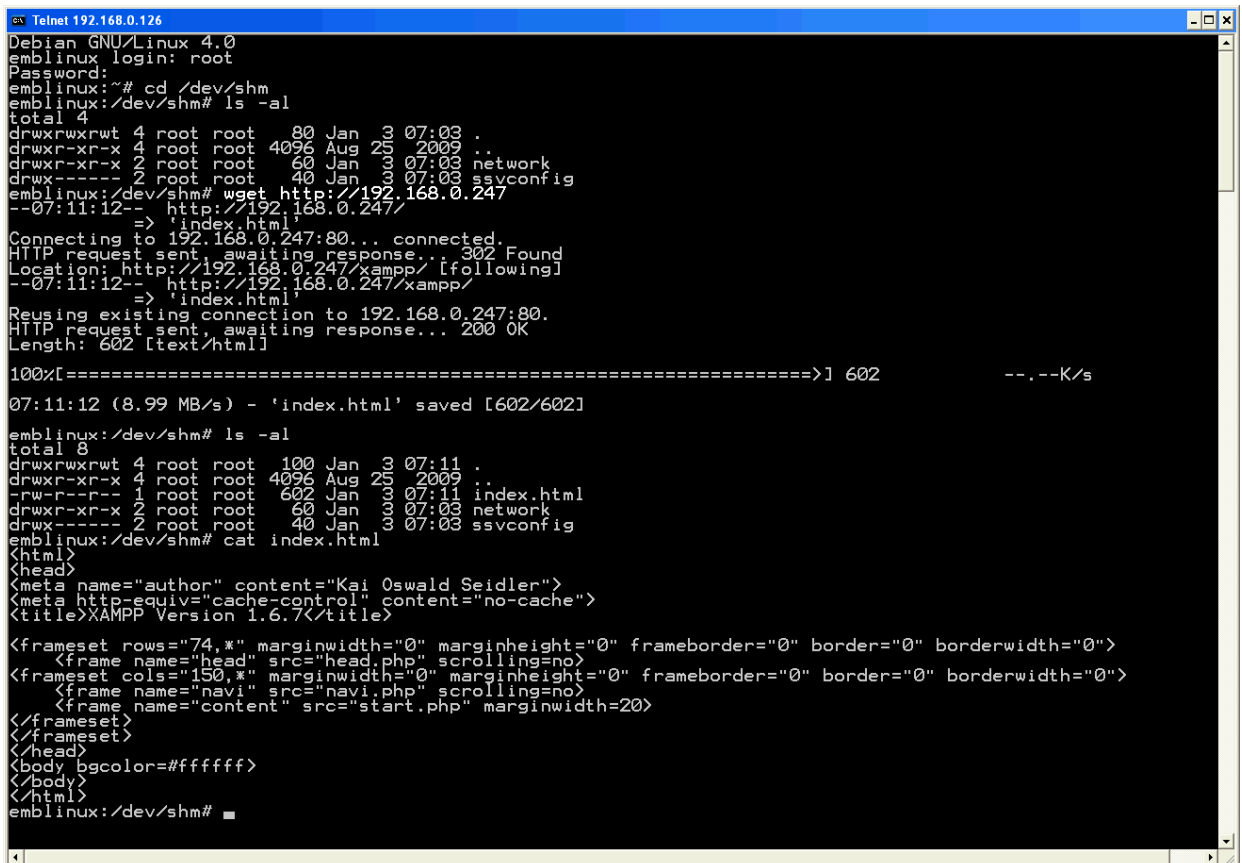
How to use the GNU *Wget* non-interactive download utility

GNU *Wget* is a free utility for non-interactive download of files from the Web. It supports HTTP, HTTPS, and FTP protocols, as well as retrieval through HTTP proxies. The GNU *Wget* non-interactive download utility comes as part of the embedded system-on-module eSOM/2586 MAX-Linux.

- **1. Step:** Use a Telnet session as root user and execute the following command line to run *Wget*:

```
wget http://192.168.0.247
```

This command line requests the file *index.html* from a HTTP server with the IP addresses 192.168.0.247 and stores the file within the eSOM/2586 file system.



```
Telnet 192.168.0.126
Debian GNU/Linux 4.0
emblinux login: root
Password:
emblinux:~# cd /dev/shm
emblinux:/dev/shm# ls -al
total 4
drwxrwxrwt 4 root root 80 Jan 3 07:03 .
drwxr-xr-x 4 root root 4096 Aug 25 2009 ..
drwxr-xr-x 2 root root 60 Jan 3 07:03 network
drwx----- 2 root root 40 Jan 3 07:03 ssvconfig
emblinux:/dev/shm# wget http://192.168.0.247
--07:11:12-- http://192.168.0.247/
=> 'index.html'
Connecting to 192.168.0.247:80... connected.
HTTP request sent, awaiting response... 302 Found
Location: http://192.168.0.247/xampp/ [following]
--07:11:12-- http://192.168.0.247/xampp/
=> 'index.html'
Reusing existing connection to 192.168.0.247:80.
HTTP request sent, awaiting response... 200 OK
Length: 602 [text/html]

100%[=====] 602      --.--K/s

07:11:12 (8.99 MB/s) - 'index.html' saved [602/602]
emblinux:/dev/shm# ls -al
total 8
drwxrwxrwt 4 root root 100 Jan 3 07:11 .
drwxr-xr-x 4 root root 4096 Aug 25 2009 ..
-rw-r--r-- 1 root root 602 Jan 3 07:11 index.html
drwxr-xr-x 2 root root 60 Jan 3 07:03 network
drwx----- 2 root root 40 Jan 3 07:03 ssvconfig
emblinux:/dev/shm# cat index.html
<html>
<head>
<meta name="author" content="Kai Oswald Seidler">
<meta http-equiv="cache-control" content="no-cache">
<title>XAMPP Version 1.6.7</title>
<frameset rows="74,*" marginwidth="0" marginheight="0" frameborder="0" border="0" borderwidth="0">
  <frame name="head" src="head.php" scrolling=no>
</frameset>
<frameset cols="150,*" marginwidth="0" marginheight="0" frameborder="0" border="0" borderwidth="0">
  <frame name="navi" src="navi.php" scrolling=no>
  <frame name="content" src="start.php" marginwidth=20>
</frameset>
</frameset>
</head>
<body bgcolor=#ffffff>
</body>
</html>
emblinux:/dev/shm#
```

The GNU *Wget* non-interactive download utility is also very useful as a HTTP server debug tool. Please use the `-d` command line parameter. This turns the debug mode on. *Wget* shows the details of the HTTP request and response data.

```
wget -d http://192.168.0.247
```

That's all.