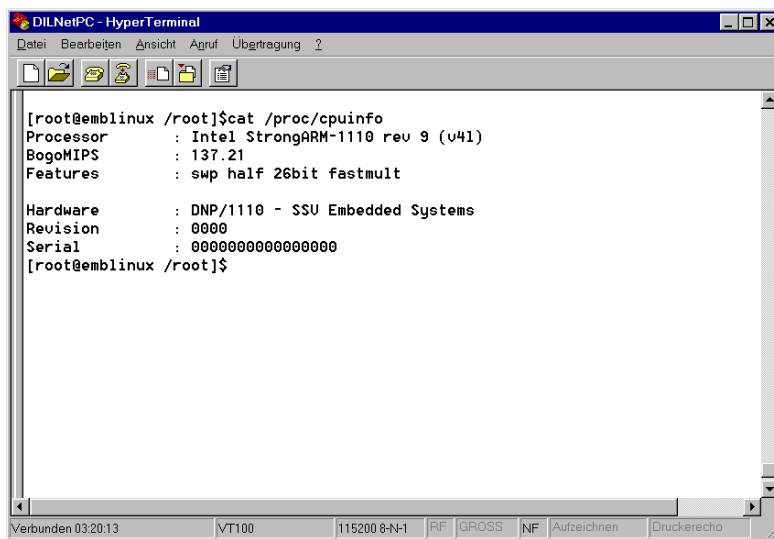


How to get Information's about CPU Speed and available Memory

Sometimes it can be necessary to know the CPU speed and/or the amount of available memory. The DIL/NetPC DNP/1110 Linux offers some more information within the process file system directory `/proc`.

- **1. Step:** The Linux process file system offers some information's about the CPU speed. To show this information please enter the Linux command:

```
cat /proc/cpuinfo
```

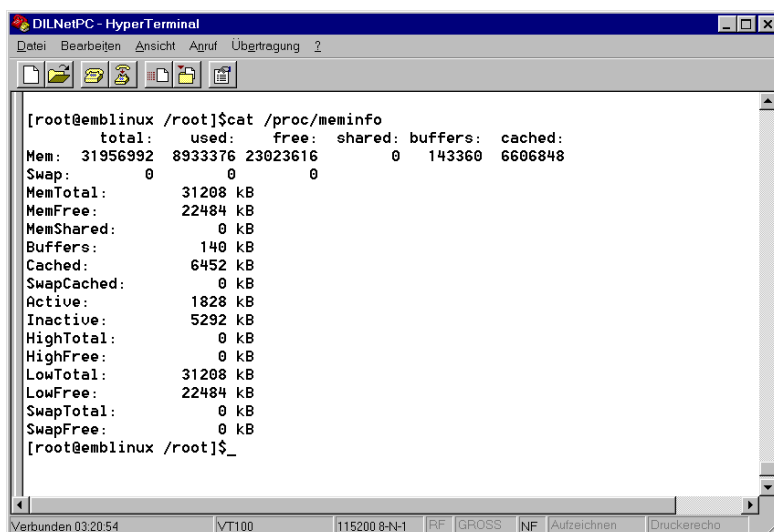


```
DILNetPC - HyperTerminal
Datei Bearbeiten Ansicht Agruf Übertragung ?
[root@emblinux /root]$cat /proc/cpuinfo
Processor      : Intel StrongARM-1110 rev 9 (v41)
BogoMIPS      : 137.21
Features       : swp half 26bit fastmult

Hardware      : DNP/1110 - SSV Embedded Systems
Revision      : 0000
Serial        : 0000000000000000
[root@emblinux /root]$
```

- **2. Step:** The Linux process file system offers also some information's about the amount of available memory. To show this information please enter the Linux command:

```
cat /proc/meminfo
```



```
DILNetPC - HyperTerminal
Datei Bearbeiten Ansicht Agruf Übertragung ?
[root@emblinux /root]$cat /proc/meminfo
total:      used:      free:      shared:    buffers:    cached:
Mem: 31956992 8933376 23023616 0 143360 6606848
Swap: 0 0 0
MemTotal:   31208 kB
MemFree:    22484 kB
MemShared:   0 kB
Buffers:    140 kB
Cached:     6452 kB
SwapCached: 0 kB
Active:     1828 kB
Inactive:   5292 kB
HighTotal:  0 kB
HighFree:   0 kB
LowTotal:   31208 kB
LowFree:    22484 kB
SwapTotal:  0 kB
SwapFree:   0 kB
[root@emblinux /root]$_
```

That is all.