

## 1. 'Expert Power Control NET' - *epc\_control.pl*

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*epc\_control.pl* is a command line tool to control the 'Expert Power Control NET' (EPC). It can be used to get the current state of **EPC** or to switch it On/Off.

Since *epc\_control.pl* is a script written in Perl, it is necessary to have a Perl interpreter software installed on your PC as well as the Perl modul "LWP::UserAgent".

Most Linux ditributions come with an already installed Perl version. On Windows machines we recommend using the ActivePerl distribution by ActiveState: <http://www.activestate.com/Products/ActivePerl/>

### I. *epc\_control.pl* Command line parameter description :

<code>--host=192.168.0.2]</code>	: define the IP-Adress of your device)
<code>--password=mypasswd]</code>	: define HTTP Password if needed
<code>--powerswitch=X],[--p=X]</code>	: select Powerswitch Nr.X (default: 0)
<code>--switch_on],[--on]</code>	: switch PowerSwitch X ON
<code>--switch_off],[--off]</code>	: switch PowerSwitch X OFF
<code>--switch_toggle],[--t]</code>	: toggle PowerSwitch X from ON<->OFF
<code>--all],[--a]</code>	: switch all available ports
<code>--delay=X],[--d=X]</code>	: when --all, delay X seconds after each switch action
<code>--silent],[--s]</code>	: no console output

### II. example calls :

```
epc_control.pl --host=192.168.1.101
the current state of EPC at IP Address 192.168.1.101 will be displayed

epc_control.pl --host=192.168.1.101 -on
EPC at IP Address 192.168.1.101 will be switched on

epc_control.pl --host=192.168.1.101 -off --password="mypwd"
EPC at IP Address 192.168.1.101 will be switched off with password protection enabled
```

### III. example calls for multi port EPCnet:

```
epc_control.pl --host=192.168.1.101 -on -p=2
Port 2 on 192.168.1.101 will be switched on

epc_control.pl --host=192.168.1.101 -on --all --delay=5
all ports on 192.168.1.101 will be switched on with a delay of 5 seconds after switching
each port (!! Attention: delay musst be >= 1 second !!)
```

## 2. Reboot your server with '*timeout\_reset.pl*'

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*timeout\_reset.pl* is a sample script which demonstrates how to use *epc\_control.pl* to supervise a server in your intranet.

*timeout\_reset.pl* tries to ping a server with a certain host IP-address constantly. Once this ping is not replied, it assumes your server is down and calls *epc\_control.pl* to switch off the host's powersupply and switch it on again after a certain idle time.

Please modify the option-variables such as your host's IP-address and the IP-address of your **EPC** at the beginning of the script file. Please us any ascii text editor to do so.

## DISCLAIMER

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Usage of this perl scripted software is at your own risk. This software is provided "as is" and is being distributed without fee. Due to its free source code it can be modified in any way.

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(c) Martin Bachem

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