ePowerSwitch

Commands

ePowerSwitch provides an ideal solution for software developers who need a reliable and economical means for controlling 230 VAC power through an Ethernet connection.
To control the four switched plugs, the software developer must send commands to the ePowerSwitch as described below. ePowerSwitch sends a response after each command with indication of the name attributed to the ePowerSwitch and to each socket and the electrical state of each socket.

1. Send password

HTTP Commands

POST elogin.html
pwd=password

Visual Basic example

Langage: Visual Basic 6.0 - Component: Inet - Method: Execute
Syntax: Inet.Execute url, operation, data

```
Inet.Execute "http://200.100.100.100/elogin.html", "POST", "pwd=admin"
```

Delphi example

Langage: Delphi 6.0 - Component: IdHTTP - Method: Post
Syntax: IdHTTP.Post(Url,DataOut,DataIn1)

```
IdHTTP.Post('http://200.100.100.100/elogin.html','pwd=admin')
```

2. Send commands

HTTP Commands

POST URL
P1=cmd

with URL = econtrol.html if password = device password
URL = econtrol_1.html if password = socket 1 password
URL = econtrol_2.html if password = socket 2 password
URL = econtrol_3.html if password = socket 3 password
URL = econtrol_4.html if password = socket 4 password

with cmd = 0 => switch socket OFF
cmd = 1 => switch socket ON
cmd = t => toggle (switch to ON if socket = OFF and vice-versa)
cmd = r => restart (switch OFF then automatically ON after 1 minute)

Visual Basic example

Langage: Visual Basic 6.0 - Component: Inet - Method: Execute
Syntax: object.methode url, operation, data

Toggle socket 1:

```
Inet.Execute "http://200.100.100.100/econtrol.html", "POST", "P1=t"
```

Switch socket 2 to ON :

```
Inet.Execute "http://200.100.100.100/econtrol.html", "POST", "P2=1"
```

Delphi example

Langage:	Delphi 6.0 - Component: IdHTTP - Method: Post
Syntax:	object.method url, operation, data

Toggle socket 1:
IdHTTP.Post('http://200.100.100.100/econtrol.html','P1=t')
Switch socket 2 to ON :
IdHTTP.Post('http://200.100.100.100/econtrol.html','P2=1')

3. Exit

HTTP Commands

POST URL
X

with URL = econtrol.html if password = device password
URL = econtrol_1.html if password = socket 1 password
URL = econtrol_2.html if password = socket 2 password
URL = econtrol_3.html if password = socket 3 password
URL = econtrol_4.html if password = socket 4 password

with X = capital X

Visual Basic example

Langage:	Visual Basic 6.0 - Component: Inet - Method: Execute
Syntax:	object.methode url, operation, data

Inet.Execute "http://200.100.100.100/econtrol.html", "POST", "X"

Delphi example

Langage:	Delphi 6.0 - Component: IdHTTP - Method: Post
Syntax:	object.method url, operation, data

IdHTTP.Post('http://200.100.100.100/econtrol.html','X')

Current plug conditions

ePowerSwitch sends a response after each command allowing the user to know the current plug conditions (On or Off state) and the name attributed to the ePowerSwitch and to each socket.
Following state indications are contained in the HTML page sended by ePowerSwitch :

name="P1" value="1" means socket 1 is Off
name="P2" value="1" means socket 1 is Off
name="P3" value="1" means socket 1 is Off
name="P4" value="1" means socket 1 is Off

name="P1" value="0" means socket 1 is On
name="P2" value="0" means socket 1 is On
name="P3" value="0" means socket 1 is On
name="P4" value="0" means socket 1 is On