Proview Installation Guide Debian

Debian distribution: Debian Lenny/Sid

System Requirements

> Platform: x86

> Kernel >= 2.6.24

Package pwr46

Dependencies

> libc6 >= 2.7-18

> libgtk2.0-0 >= 2.12.12-1~lenny1

> libasound2 >= 1.0.16-2

> libdb4.6   >= 4.6.21-11

> libdb4.6++ >= 4.6.21-11

> libmysqlclient15off >= 5.0.51a-24+lenny1

> g++   >= 4:4.3.2-2

Download the pwr47 development package and save to disk. By default it is stored in home catalog. Open a terminal and become root

```
> su
```

Install some packages with for example apt-get

```
> apt-get install gcc
> apt-get install g++
> apt-get install libmysqlclient15off
```

Install the downloaded package with dpkg

```
> dpkg -i pwr47_4.7.x-x_ix86.deb
```

Replace x-x with the actual version

If some dependencies still are missing they are installed (together with pwr47) by the command

```
> apt-get install -f
```

Login as user pwrp and start the Project Administrator by clicking on the Proview desktop icon.

If you are new to Proview, read the Proview Getting Started Guide available at www.proview.se

Package pwrdemo

The demo package installs a Proview project that contains a demo of the dynamics and components of the HMI, some application examples, a level and a temperature control, and some examples of basecomponents.
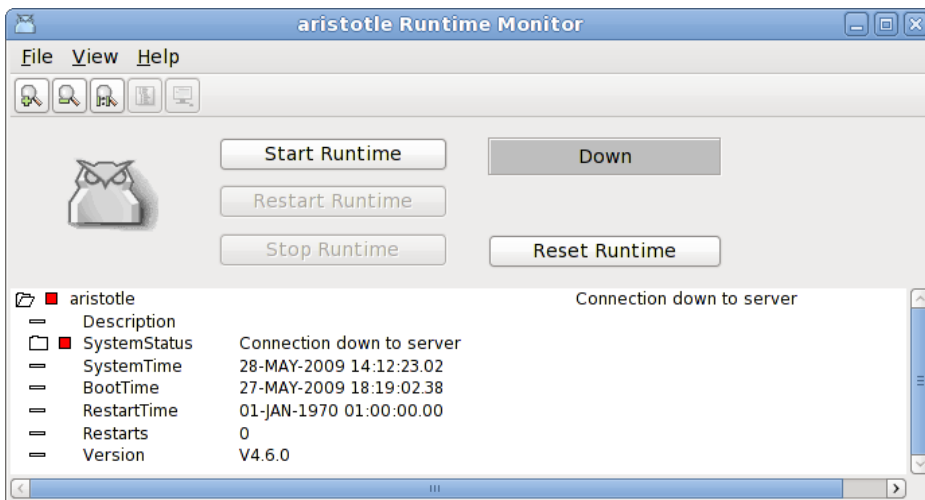
The development package pwr46 has to be installed before installing the pwrdemo package.

Download the debian package and install with dpkg

```
> dpkg -i pwrdemo47_4.7.x-x_ix86.deb
```
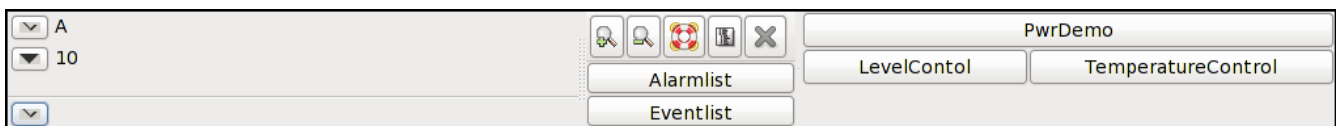
Login as user pwrp and click on on the Pwrdemo icon on the desktop.

The runtime monitor for the demoproject is now started. Start the runtime environment by clicking on the 'Start Runtime' button.

Fig Runtime monitor

When the label has switched from 'Down' to 'Running' activate *File/Start Operator Environment* in the menu. The operator window is now opened.

Fig Operator window

Acknowledge the alarms by clicking on the tick buttons to the left (this will remove the beep). Activate the PwrDemo, LevelControl and TemperatureControl buttons to view the demo project graphs.

Package pwrt

Dependencies:

> libgtk2.0-0 >= 2.12.12-1~lenny1

> libasound2 >= 1.0.16-2

libdb4.6   >= 4.6.21-11

Download your selected debian-package and install it as:

```
> dpkg -i pwrrt_4.7.x-x_i386.deb
```

Replace x-x with the actual version.

The runtime package should be installed "stand-alone" without the pwr46-package.

A linux-system with the pwrrt-package is your control-system. Proview will be started automatically at boot-time.

Package pwrsev

Install mysql-client and mysql-server.

Download the pwrsev package and install with dpkg. dpkg doesn't check any dependencies. You have to check that these packages are installed

    libgtk2.0-0 >= 2.12.12-1~lenny1

    libasound2 >= 1.0.16-2

    libdb4.6   >= 4.6.21-11

    libmysqlclient15off >= 5.0.51a-24+lenny1

```
> dpkg -i pwrsev_4.7.x-x_i386.deb
```

Replace x-x with the actual version.

The storage environment package should be installed "stand-alone" without the pwr47 or pwrrt package.