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#####  
#                                                                                               #  
#   PowerPanel for Linux Installation Guide                                                     #  
#                                                                                               #  
#####
```

The PowerPanel for Linux software is major help system to monitor UPS, which support USB HID Power class or provides serial port. The pwrstatd program will run as a daemon process, it startups since system is booting. The pwrstatd is major to communicate with UPS and to help system to do graceful shutdown while the power events is aware. The other program called pwrstat helps user to get status of the UPS and settings of the pwrstatd daemon. It also allows user to configure the UPS and pwrstatd daemon.

Prerequisite

1. The root authority is necessary for following instruction. you can use 'su' command to change authority as root.

Installation

1. Un-compress installation package.

In terminal, change current directory as package location and typing command as:

```
tar -xzvf powerpanel-x.x.tar.gz
```

Note:

- A. The x.x is denote a version number, you have to replace it by physical one, for example, "1.0".
- B. It will create a directory powerpanel-x.x after un-compress successfully.

2. Install software.

2.0. You have to read completely and agree the content of Software License Agreement which file is in ./doc/license before installation.

- 2.1. Change current directory to powerpanel-x.x as:

```
cd powerpanel-x.x
```

- 2.2. Run installation command as:

```
./install.sh
```

Note. It will show 'Installation accomplish!' message after installation done. The daemon process will startup to monitoring UPS immediately.

Uninstallation

1. Change current directory to un-compressed package directory.

2. Run uninstallation command as:

```
./uninstall.sh
```

Notice

1. You can find more information on un-compressed package directory `powerpanel-x.x/doc` as:

`license`, PowerPanel for Linux software license agreement.
`readme`, information about this version of release.
`install-guide`, for this document.
`user-manual`, To instruct how to use this software

2. To ensure UPS is working well, you can use `'pwrstat -status'` command to check its status. Please in terminal typing as:

```
pwrstat -status
```

3. To get more information about `'pwrstat'` command, typing command as:

```
pwrstat -help
```

4. The `'pwrstat'` command is also need root authority, please see Prerequisite section.

5. To get more information about `'pwrstat'` and `'pwrstatd'` man page helps, typing command as:

```
man pwrstat  
man pwrstatd
```