

## PLConfig Installation Guide for Linux

I2SE's PLConfig is a smart tool to visualize and manage your powerline network(s). To use it under a recent Linux distribution, please following the next steps.

1. Download the latest PLConfig archive for Linux from I2SE's website and save the downloaded file into a local folder on your PC.
2. Open a terminal or console window to type in and execute the following commands.
3. Create a new folder in which the application is installed. It's recommended to place it below /opt, so execute:

```
sudo mkdir -p /opt/plconfig
```

4. Locate the downloaded archive file within your filesystem and extract it to the previously create installation directory (the next command might need little adaption to your individual environment):

```
sudo tar -C /opt/plconfig --strip-components=1 -xzf PLConfig-0.1.2-ubuntu-16.04-x86-64.tar.gz
```

5. Some background program require to have setuid privileges. Extracting the tarball as root also restores the required permissions. If not - you can fix this with the following commands:

```
sudo chown root:root /opt/plconfig/int6k /opt/plconfig/int6kstat /opt/plconfig/plctool  
sudo chmod u+s /opt/plconfig/int6k /opt/plconfig/int6kstat /opt/plconfig/plctool
```

6. After this, you can start the tool by invoking

```
cd /opt/plconfig; ./plconfig
```

**Note:** Changing the current working directory to the installation directory before starting the tool is required, otherwise the tool cannot find required files.

**Hint:** You can also add a launcher/start menu item for PLConfig. Please use your favorite search engine to find a guide for your distribution. Here too, remind to specify the working directory, otherwise the tool will not start.