

Abyle - a python iptables firewall script

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1. License

Abyle - a python iptables firewall script
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2. Installation

2.1. Prerequisites

2.1.1. Debian

python (≥ 2.3)
python-xml
iptables

2.1.2. Ubuntu

python (≥ 2.3)
python-xml
iptables

2.1.3. Fedora

2.1.4. Suse

2.1.5. Gentoo

2.2. Installation with `abyle-installer.sh`

untar your abyle package usually named `abyle-<VERSION>.tar.bz2` with the following command

```
tar xvfj abyle-<VERSION>.tar.bz2
```

if your tar doesn't support bzip2 decompression:

```
bzcat abyle-<VERSION>.tar.bz2 | tar xvf -
```

Now you can change the directory to `./abyle-pkg`

```
cd abyle-pkg
```

Now run the Abyle-Installer with:

```
./abyle-installer.sh install
```

- The installer will ask you for the path to your python site-package directory, this is the place where your python modules (classes) are located - on debian based distributions it's usually:

```
/usr/local/lib/python<VERSION>/site-packages
```

- The next question is about where you want to locate the abyle main script usually:

```
/usr/local/sbin
```

or

```
/usr/sbin
```

- The last question is about the configuration directory if you choose to place it on a non default place you have to mention to put the `--config-path=<$PATH>` parameter to every abyle execution. If you have completed all steps successfully you can get further informations by typing:

```
# abyle --help
```

The abyle-main script looks for a suitable python interpreter in your \$PATH by invoking: `/usr/bin/env`, so if you want to use another installed python version u have to replace the first line of the script with the path to your desired python interpreter or you have to make a softlink in the path to this version. On Debian Systems it's most common to have at least two different python version installed.

Before you can use abyle u have to install a default template configuration for each interface, this could be done by executing:

```
# abyle -t
```

2.3. Manual Installation