

python Roll: Users Guide

5.4.3 Edition

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Preface

The python Roll installs and configures Python 2.7.2, Python 3.2.2 and NumPy.

Please visit the Python site¹ to learn more about their release and the individual software components.

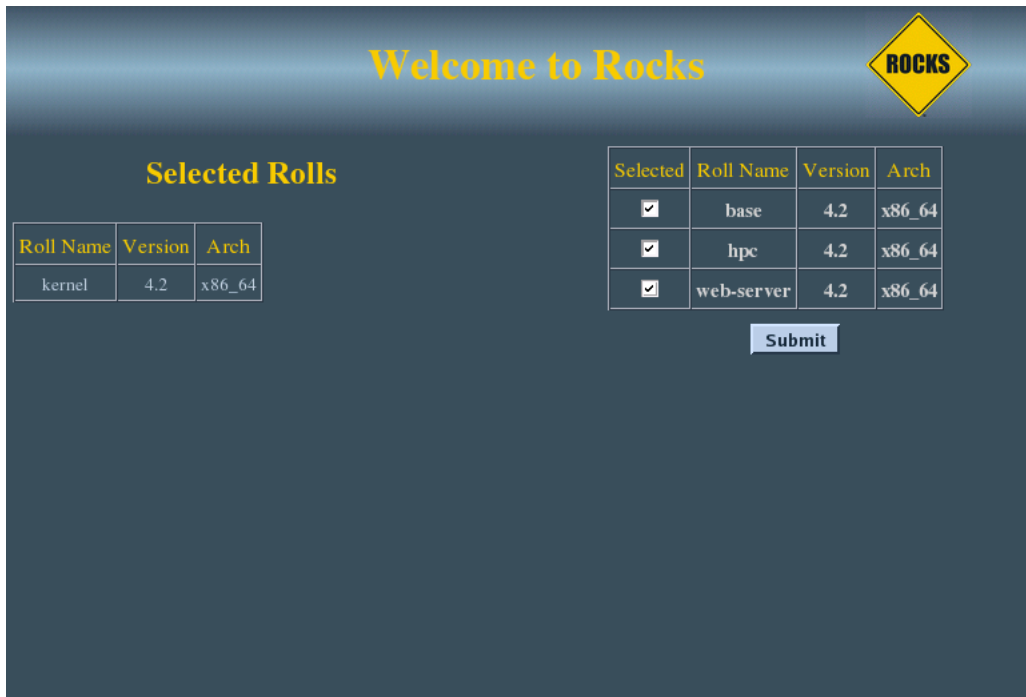
Notes

1. <http://www.python.org>

Chapter 1. Installing the python Roll

1.1. On a New Server

The python roll should be installed during the initial installation of your server (or cluster). This procedure is documented in section 1.2 of the Rocks® usersguide. You should select the python roll from the list of available rolls when you see a screen that is similar to the one below.



1.2. On an Existing Server

The python Roll may also be added onto an existing server (or frontend). For sake of discussion, assume that you have an iso image of the roll called `python.iso`. The following procedure will install the Roll, and after the server reboots the Roll should be fully installed and configured.

```
$ su - root
# rocks add roll python.iso
# rocks enable roll python
# cd /export/rocks/install
# rocks create distro
# rocks run roll python | bash
# init 6
```

Chapter 2. Using the python Roll

2.1. Using the Python Roll

The Python roll installs Python versions 2.7.2 and 3.2.1. These are installed in `/opt/python`.

Numpy is compiled and installed with Python 2.7.2.

Tutorials for using python and its components are available from the Python website¹

Notes

1. <http://www.python.org>

Chapter 3. Copyrights

3.1. Copyrights

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