

FreeBSD Administration - Support #874

Install a Python Development Environment on FreeBSD

11/28/2016 09:18 PM - Daniel Curtis

Status:	Closed	Start date:	11/28/2016
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Python	Estimated time:	0.50 hour
Target version:	FreeBSD 10	Spent time:	1.00 hour

Description

This is a guide for setting up a simple development environment for python with virtualenv on FreeBSD.

Prepare the Environment

- Make sure the system is up to date:

```
pkg update && pkg upgrade
```

Install Python

- Install python and a few dependencies:

```
pkg install bash python py27-{pip, pkgconfig, setuptools27, virtualenv}
```

- Create a non-privileged user to develop with:

```
pw group add pydev  
pw user add pydev -m -g pydev -s /usr/local/bin/bash -c "Python Dev"
```

Create Virtualenv

- Switch to the python dev user:

```
su - pydev
```

- Create a new virtualenv called new_app:

```
virtualenv new_app
```

- Activate the new_app virtualenv to begin using it:

```
source ./new_app/bin/activate
```

- Install or develop the new_app:

```
pip install new_app
```

- When done working in the virtual environment for the moment, deactivate it:

```
deactivate
```

Resources

- <http://docs.python-guide.org/en/latest/dev/virtualenvs/>

History

#1 - 11/28/2016 09:19 PM - Daniel Curtis

- Status changed from *New* to *Resolved*

- % Done changed from 0 to 100

#2 - 11/29/2016 01:55 PM - Daniel Curtis

- Description updated

#3 - 06/04/2017 08:51 PM - Daniel Curtis

- Status changed from *Resolved* to *Closed*