
ezenv Documentation

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1	Features	3
2	Requirements	5
3	Getting Started	7
3.1	Installation	7
3.2	Adding INSTALL_DIR to your PATH (<i>optional</i>)	7
4	Usage	9
4.1	Creating a virtualenv	9
4.2	Using your new virtualenv	9
4.3	Creating a virtualenv for specific Python version	9
4.4	Creating a Django-ready virtualenv	10
4.5	Creating virtualenv with a specific Django version	10
4.6	Creating virtualenv with specific Python and Django versions	10
5	pyenv	11
5.1	Listing installed python versions and virtualenv	11
5.2	Listing available python versions	11
5.3	Removing a pyenv python version or virtualenv	11
6	Related Links	13
7	Index & Search	15

A rapid `pyenv` + `pyenv-virtualenv` instance creation tool.

Features

- Rapid `virtualenv` deployments with a single `ezenv` command.
- Quickly deploy a `virtualenv` for any Python version using isolated `pyenv` based Python installs.
- Automatically installs `pyenv` and `pyenv-virtualenv` for you if you don't have them.
- Will automatically fall back to using `git` for satisfying dependencies if `brew` is unavailable.
- Easily deploy any Django and Python version combination using `ezdjango`.

Requirements

- OS X (Linux and others should work, but are untested)
- Python
- Bash
- [Homebrew](#) or [Git](#)

Getting Started

To install simply set `INSTALL_DIR` to where you would like to install. This should probably be somewhere in your `PATH` or you can add it to your path using the optional steps shown in the “**Adding `INSTALL_DIR` to your `PATH`**” section below.

3.1 Installation

```
git clone https://github.com/bzdzb/ezenv.git
cd ezenv
INSTALL_DIR=~/.bin
cp ezenv ezdjango $INSTALL_DIR
chmod +x $INSTALL_DIR/ez{env,django}
```

3.2 Adding `INSTALL_DIR` to your `PATH` (*optional*)

```
echo "export PATH=$INSTALL_DIR:$PATH" >> ~/.bashrc
. ~/.bashrc
```

Usage

4.1 Creating a virtualenv

```
$ ezenv example
Installing pyenv... done.
Installing pyenv-virtualenv... done.
Adding pyenv init to ~/.bashrc... done.
Initializing pyenv... done.
Creating pyenv virtualenv example. May take a few min... done.

Get started using your new virtualenv with:
source ~/.bashrc && pyenv activate example
```

4.2 Using your new virtualenv

```
$ source ~/.bashrc && pyenv activate example
(example) $ pyenv which python
/Users/bzdz/b/.pyenv/versions/example/bin/python
(example) $
```

4.3 Creating a virtualenv for specific Python version

```
$ ezenv example34 3.4.1
Installing pyenv... done.
Installing pyenv-virtualenv... done.
Adding pyenv init to ~/.bashrc... done.
Initializing pyenv... done.
Creating pyenv virtualenv example34. May take a few min... done.

Get started using your new virtualenv with:
source ~/.bashrc && pyenv activate example34

$ source ~/.bashrc && pyenv activate example34
(example34) $ python -V
Python 3.4.1
(example34) $
```

4.4 Creating a Django-ready virtualenv

```
$ ezdjango dj
Installing Django... done.

To activate, run:
  source ~/.bashrc && pyenv activate dj

$ source ~/.bashrc && pyenv activate dj
(dj) $ python
```

```
Python 2.7.5 (default, Mar  9 2014, 22:15:05)
[GCC 4.2.1 Compatible Apple LLVM 5.0 (clang-500.0.68)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>> import django
>>> django.get_version()
'1.6.5'
```

4.5 Creating virtualenv with a specific Django version

```
$ ezdjango dj1.5 1.5.8
Installing Django... done.

To activate, run:
  source ~/.bashrc && pyenv activate dj1.5

$ source ~/.bashrc && pyenv activate dj1.5
(dj1.5) $ python
```

```
Python 2.7.5 (default, Mar  9 2014, 22:15:05)
[GCC 4.2.1 Compatible Apple LLVM 5.0 (clang-500.0.68)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>> import django
>>> django.get_version()
'1.5.8'
```

4.6 Creating virtualenv with specific Python and Django versions

```
$ ezdjango djPyPy 1.6.5 pypy-2.3
Installing Django... done.

To activate, run:
  source ~/.bashrc && pyenv activate djPyPy

$ source ~/.bashrc && pyenv activate djPyPy
(djPyPy) $ python
```

```
Python 2.7.6 (394146e9bb67, May 08 2014, 16:45:59)
[PyPy 2.3.0 with GCC 4.2.1 Compatible Apple LLVM 5.0 (clang-500.2.79)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>>> import django
>>>> django.get_version()
'1.6.5'
```

pyenv

ezenv uses `pyenv` and `pyenv-virtualenv` under the hood, so you can still use all of the `pyenv` commands for managing your `pyenv` and `pyenv-virtualenv` instances.

5.1 Listing installed python versions and virtualenv

```
$ pyenv versions
system
3.4.1
dj
dj1.5
* djPyPy (set by PYENV_VERSION environment variable)
example
example34
pypy-2.3
```

5.2 Listing available python versions

```
$ pyenv install --list
Available versions:
2.4
2.4.1
2.4.2
...
...
stackless-3.3.5
stackless-dev
```

5.3 Removing a pyenv python version or virtualenv

```
$ pyenv uninstall djPyPy
pyenv: remove /Users/bzdzb/.pyenv/versions/djPyPy? y
$ pyenv uninstall 3.4.1
pyenv: remove /Users/bzdzb/.pyenv/versions/3.4.1? y
```

Related Links

- [pyenv](#)
- [pyenv-virtualenv](#)
- [virtualenv](#)

Index & Search

- `genindex`
- `search`