

NASIL ÇALIŞIYORUM?

Cihan Okyay - Python Istanbul

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@cihann

AJANDA

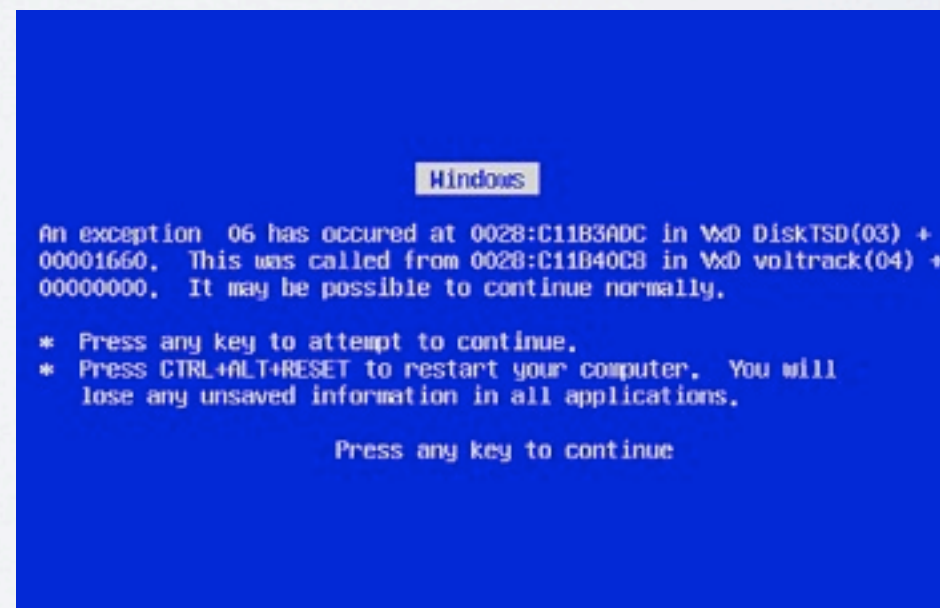
- İşletim Sistemleri
- Editorler
- Python ve Django Ortamı
- Üçüncü Parti Kütüphaneler
- Versiyon Kontrol Sistemi
- Deployment

İŞLETİM SİSTEMLERİ



OS X
Mountain Lion

- Linux
- MacOSX
- Windows(?)



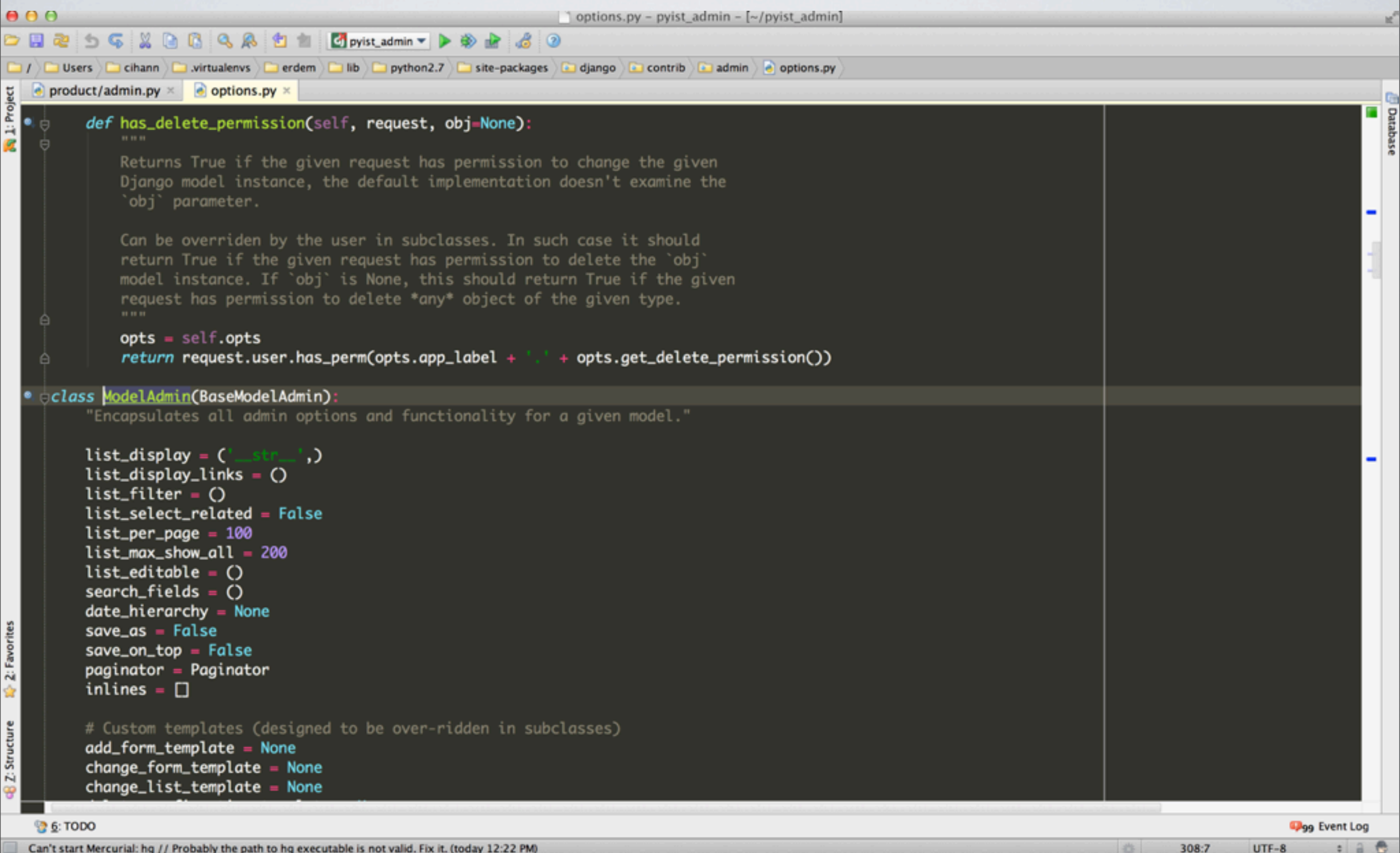
EDITORLER

- VIM
- Emacs
- PyCharm
- SublimeText2
- Textmate
- Eclipse (PyDev)



- .vimrc
- bundle (nerdtree, command-t, pep8)
- gVim

PYCHARM



TERMINAL

- zsh
- bash

- oh-my-zsh
- 40'tan fazla eklenti
- 80'den fazla tema
- Büyük komünite desteği
- github.com/robbyrussell/oh-my-zsh

TMUX

- Terminal multiplexer
- Tek pencerede birden farkli terminal


```
1. tmux (tmux)
~ (zsh)      tmux (tmux)      tmux (tmux)      ../edforproject (zsh)      ~/.vim (zsh)

Homebrew's Python3 framework
/usr/local/Cellar/python32/3.2.3/Frameworks/Python.framework

Distribute and Pip have been installed. To update them
pip-3.2 install --upgrade distribute
pip-3.2 install --upgrade pip

To symlink "Idle 3.2" and the "Python Launcher 3.2" to ~/Applications
`brew linkapps`

You can install Python packages with
`pip-3.2 install <your_favorite_package>`

They will install into the site-package directory
/usr/local/lib/python3.2/site-packages
Executable python scripts will be put in:
/usr/local/share/python3.2
so you may want to put "/usr/local/share/python3.2" in your PATH, too.

See: https://github.com/mxcl/homebrew/wiki/Homebrew-and-Python
Warning: Could not link python32. Unlinking...
Error: The `brew link` step did not complete successfully
The formula built, but is not symlinked into /usr/local
You can try again using `brew link python32`

=> Summary
/usr/local/Cellar/python32/3.2.3: 4436 files, 77M, built in 2.3 minutes
-> ~ cd /usr/local/Cellar/python32
-> python32 git:(master) ls
3.2.3
-> python32 git:(master) cd 3.2.3
-> 3.2.3 git:(master) ls
Frameworks          INSTALL_RECEIPT.json  Python Launcher 3.2.app bin
IDLE 3.2.app         LICENSE               README            share
-> 3.2.3 git:(master) cd bin
-> bin git:(master) ls
2to3-3.2             idle3.2              pydoc3.2          python3.2-config
easy_install-3.2     pip-3.2              python3.2          pythonw3.2
-> bin git:(master) ./python3.2
Python 3.2.3 (default, Nov 23 2012, 23:20:21)
[GCC 4.2.1 Compatible Apple Clang 4.1 ((tags/Apples/clang-421.11.66))] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>>
-> bin git:(master) pwd
/usr/local/Cellar/python32/3.2.3/bin
-> bin git:(master) /usr/local/Cellar/python32/3.2.3/bin/python3.2 ~/hede.py
<select.kevent ident=1 filter=-1 flags=0x1 fflags=0x0 data=0x0 udata=0x0>
-> bin git:(master)

(edforproject)-> edforproject git:(feature/vagrant)
(edforproject)-> edforproject git:(feature/vagrant) ruby -v
ruby 1.9.3p327 (2012-11-10 revision 37606) [x86_64-darwin12.2.0]
(edforproject)-> edforproject git:(feature/vagrant) x
(edforproject)-> edforproject git:(feature/vagrant)
(edforproject)-> edforproject git:(feature/vagrant)
(edforproject)-> edforproject git:(feature/vagrant)
(edforproject)-> edforproject git:(feature/vagrant)
(edforproject)-> edforproject git:(feature/vagrant)
(edforproject)-> edforproject git:(feature/vagrant)
(edforproject)-> edforproject git:(feature/vagrant) ls
README.md      edforproject  gunicorn.py.ini  reqs      wsgi.py
Vagrantfile    fabfile.py    manage.py        requirements.txt
(edforproject)-> edforproject git:(feature/vagrant) vim gunicorn.py.ini
Vim: Caught deadly signal SEGV
Vim: Finished.
[1] 93512 segmentation fault  vim gunicorn.py.ini
(edforproject)-> edforproject git:(feature/vagrant) ruby -v
ruby 1.9.3p327 (2012-11-10 revision 37606) [x86_64-darwin12.2.0]
(edforproject)-> edforproject git:(feature/vagrant)
(edforproject)-> edforproject git:(feature/vagrant)
(edforproject)-> edforproject git:(feature/vagrant)
(edforproject)-> edforproject git:(feature/vagrant) vim Vagrantfile
(edforproject)-> edforproject git:(feature/vagrant) vagrant up
[default] VM already created. Booting if it's not already running...
[default] Clearing any previously
set forwarded ports...
[default] Forwarding ports...
[default] -- 22 => 2222 (adapter 1)
[default] Expo
rting NFS shared folders...
[vagrant] Preparing to edit /etc/exports. Administrator privileges will be
required...
Password:
There was an error executing the following command with VBoxManage:
["sharedfolde
r", "remove", "9608b4bf-3d83-4ff4-bef1-92e39d6f4618", "--name", "v-root"]
For more information on the
failure, enable detailed logging with
VAGRANT_LOG.
(edforproject)-> edforproject git:(feature/vagrant)
```


PAKET YÖNETİMİ

- İşletim sistemi için paket yönetimi
- Python için paket yönetimi

LINUX & MAC PAKET YONETICILERI

- homebrew
- aptitude

VIRTUALENV & VIRTUALENVWRAPPER

- Sanal ortamlar
- Farkli python paketleri icin ideal

KURULUM

- `pip install virtualenv`
- `virtualenv example-env`
- `source example-env/bin/activate`

KURULUM

- `pip install virtualenvwrapper`
- `mkvirtualenv example-env`
- `workon example-env`
- `pip install Django`

UCUNCU PARTI KUTUPHANELER

- South
- requests
- django-debug-toolbar
- PIL
- ...

VERSIYON KONTROL SISTEMLERİ

- Git
- Github (Social Coding!)
- git-flow

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Pull Requests

Issues

Stars



20 minutes ago

fatiherikli pushed to master at [pyistanbul/presentations](#)

782e3dc added django orm optimization section to readme



24 minutes ago

fatiherikli pushed to master at [pyistanbul/presentations](#)

fcd5aaf added django orm optimization presentation

**BYK** starred [auduno/headtrackr](#) 5 hours ago**ahmetalpalkan** starred [ftlabs/fastclick](#) 9 hours ago**gabrielalcao** created [gist: 4137666](#) 12 hours ago**gabrielalcao** created [gist: 4137661](#) 12 hours ago**metoikos** starred [olton/Metro-UI-CSS](#) 14 hours ago**wycats** created repository [js_module_transpiler](#) 14 hours ago**burcu** starred [tpepe/vim-fugitive](#) 18 hours ago**burcu** starred [mongodb/node-mongodb-nat...](#) 18 hours ago**haldun** starred [arkes/sorting_table_for](#) 20 hours ago

Malwarebytes Corporation is hiring: **Kernel Developer - Remote or On Site** in Remote or On Site - San Jose, CA

Brought to you by [github:jobs](#)

Your Repositories (23)

New repository

All Repositories

Public

Private

Sources

Forks

[cihann/BDD4Django](#)[cihann/cihann.github.com](#)[cihann/pyist.net](#)[cihann/pyresto](#)[cihann/dotfiles](#)[cihann/vds](#)[cihann/try_git](#)[cihann/django-userena](#)[cihann/django-social-auth](#)[cihann/hw2_rottenpotatoes](#)[cihann/djangoistanbul](#)[cihann/hw3_rottenpotatoes](#)[cihann/hw4_rottenpotatoes](#)

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PUBLIC



BYK / pyresto

[Watch](#)[★ Unstar](#)

24

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9

Code

Network

Pull Requests 2

Issues 12

Graphs

All Requests

2

Yours

berkerpeksag

1

BYK

1

2 open requests

Keyboard shortcuts available

Open

Closed

Submitted

Updated

Popularity

Add unittests to Pyresto

This branch restarts the "testing pyresto" effort and fixes a few minor bugs along the way. (Rela...



berkerpeksag submitted to BYK/pyresto 2 days ago

Updated 4 hours ago

0 comments

[WIP] Mutation support

Add ability to mutate instances via class methods defined on Models.



BYK submitted to BYK/pyresto 3 days ago

Updated 3 days ago

0 comments

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9

Code

Network

Pull Requests 2

Issues 12

Graphs

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Everyone's Issues 12

Created by you 0

Mentioning you 0

Labels

APIs 6

Documentation 1

Enhancement 3

Feature 5

Good First Bug 2

Test 1

High Priority 0

Needs Review 0

No active filters. Use the sidebar to filter issues.

Keyboard shortcuts available

12 open issues

29 closed issues

Submitted

Updated

Comments

- #41 **Add unittests to Pyresto** by berkerpeksag 2 days ago [Code Attached](#)
- #40 **[WIP] Mutation support** by BYK 3 days ago [Code Attached](#)
- #37 **Implement new Notifications API for GitHub** APIs Enhancement by berkerpeksag a month ago
- #35 **Add Transifex support** Feature APIs by BYK a month ago
- #33 **Implement upcoming watcher/stargazer API changes in GitHub** APIs Enhancement **Good First Bug** by BYK 2 months ago
- #32 **Implement new Statuses API for GitHub** APIs Enhancement by BYK 3 months ago
- #27 **Add HAL support** Feature by BYK 4 months ago
- #24 **Bitbucket API implementation** Feature APIs by berkerpeksag 4 months ago
- #18 **Improve GitHub example in README** Documentation **Good First Bug** by berkerpeksag 5 months ago
- #16 **Python 3 Compatibility** Feature 1 comment by BYK 7 months ago
- #6 **Full test coverage** Test by BYK a year ago

GIT FLOW

- feature branch
- release branch
- hotfix branch
- git flow feature start feature_name
- git flow hotfix start hotfix_name

VAGRANT

- Komut satirindan sanal makine yonetme.
- Deployment ortami ile ayni ortamda gelistirme.
- <http://vagrantup.com/>
- <http://vagrantbox.es/>



DEPLOYMENT

- Apache ve mod_wsgi
- Nginx ve gunicorn
- Fabric

FABRIC

```
1 from fabric.api import run$
```

2 \$

```
3 def host_type():$
```

```
4 run('uname -s')$
```

 \sim

2

2

2

2

~

~

~

2

2

24

10

and

10

Tesekkurler :)