

**django**

The Web framework for perfectionists with deadlines.

# django-siteupdate

“Updating your django sites, the easy way..”

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# Introduction

- About me
- Updating a Django site
- DRY

# Solutions

- Update scripts (but you still need SSH)
- Fabric (pretty good, but less friendly)
- django-siteupdate

# django-siteupdate

- Update your sites from the Django admin
- Keep logs of your updates
- Make your own update script
- Postprocessing available

# Admin interface

- Like any other model interface
- Create a new update and once you save it your script gets executed

Add Website update | Django site admin

http://localhost:8000/admin/siteupdate/update/add/ Google

Television Mac resources iPhone resources Google Maps Populair Rapidshare ...s Download.

Add Website update | Django site ...

**Django administration** Welcome, dave. Change password / Log out

Home > Siteupdate > Website updates > Add Website update

## Add Website update

**Update notes:** Fixed a small bug in the contact form!

Why are you updating this site?

Save and add another Save and continue editing Save

Select Website update to change | Django site admin

http://localhost:8000/admin/siteupdate/update/ Google

Television Mac resources iPhone resources Google Maps Populair Rapidshare ...s Download.

Select Website update to change |...

## Django administration

Welcome, dave. Change password / Log out

Home > Siteupdate > Website updates

Update script returned a error, please check the logs!

The Website update "Fixed a small bug in the contact form!" was added successfully.

### Select Website update to change

Add Website update +

Action: ----- Go 0 of 1 selected

<input type="checkbox"/>	User	Update executed	Update notes
<input type="checkbox"/>	dave	May 24, 2010, 6:08 a.m.	Fixed a small bug in the contact form!

1 Website update

Change Website update | Django site admin

http://localhost:8000/admin/siteupdate/update/1/ Google

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Change Website update | Django ...

**Django administration** Welcome, dave. Change password / Log out

Home > Siteupdate > Website updates > Fixed a small bug in the contact form!

## Change Website update History

**Update notes:** Fixed a small bug in the contact form!

Why are you updating this site?

### Update script output

```
Output:

Errors:
You still need to set the SITEUPDATE_COMMAND in your settings file!
```

[✖ Delete](#) [Save and add another](#) [Save and continue editing](#) [Save](#)

# Update script

- Can be anything you want, as long as it runs in your shell
- Example:

```
1 #!/bin/bash
2
3 cd `dirname $0` && pwd
4 svn up
5 /usr/local/bin/python2.5 manage.py syncdb
6 echo "Databased synced and using latest version"
7 echo "Restarting Apache..."
```

# Postprocess script

- Why?
  - You don't want a "Server unavailable" page after you add a update
- Output is NOT logged
- Example:

```
1 #!/bin/bash
2
3 cd `dirname $0` && pwd
4 touch ../website.wsgi
```

# Wanna try?

- `easy_install django-siteupdate` OR
- `pip install django-siteupdate` OR
- [code.google.com/p/django-siteupdate/](http://code.google.com/p/django-siteupdate/)
  
- Add siteupdate to your `INSTALLED_APPS`
- `python manage.py syncdb`

# Questions?

# Have a nice evening!



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