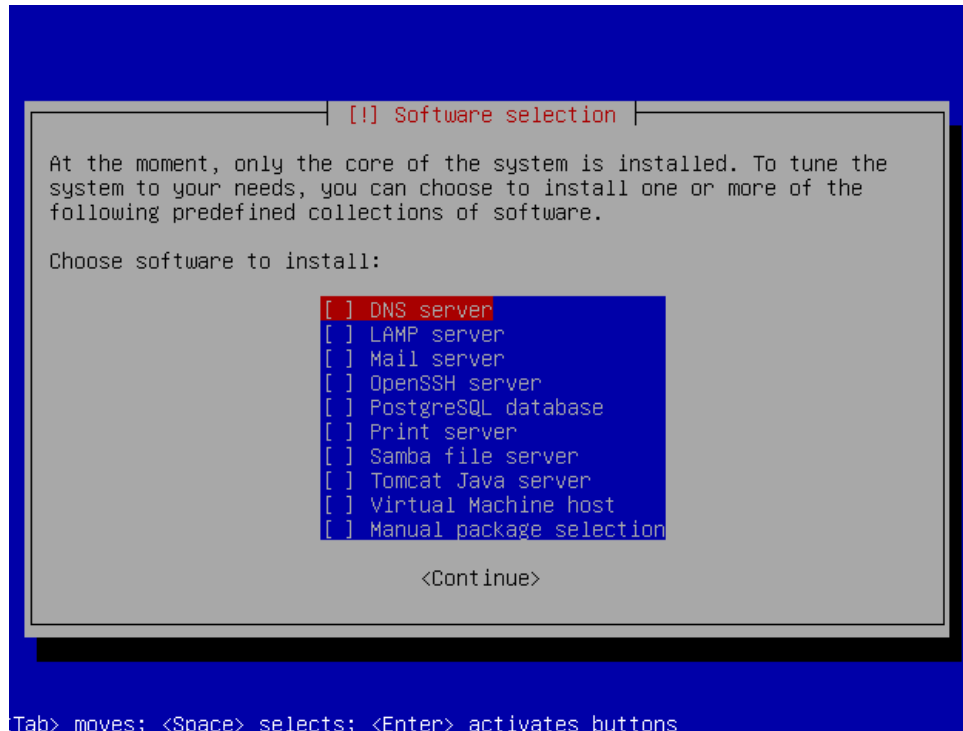


## HOWTO get Scrumdo installed and running in 30 simple steps

1. Download and install Oracle VirtualBox <https://www.virtualbox.org/>
2. Download Ubuntu Server <http://releases.ubuntu.com/10.04/>  
I am using 10.04 because I want python 2.6 installed, later versions of ubuntu use newer versions of python.
3. Install Ubuntu on VirtualBox, use the standard prompts on installing ensure that the most basic installation options are selected, we will install what is needed later.



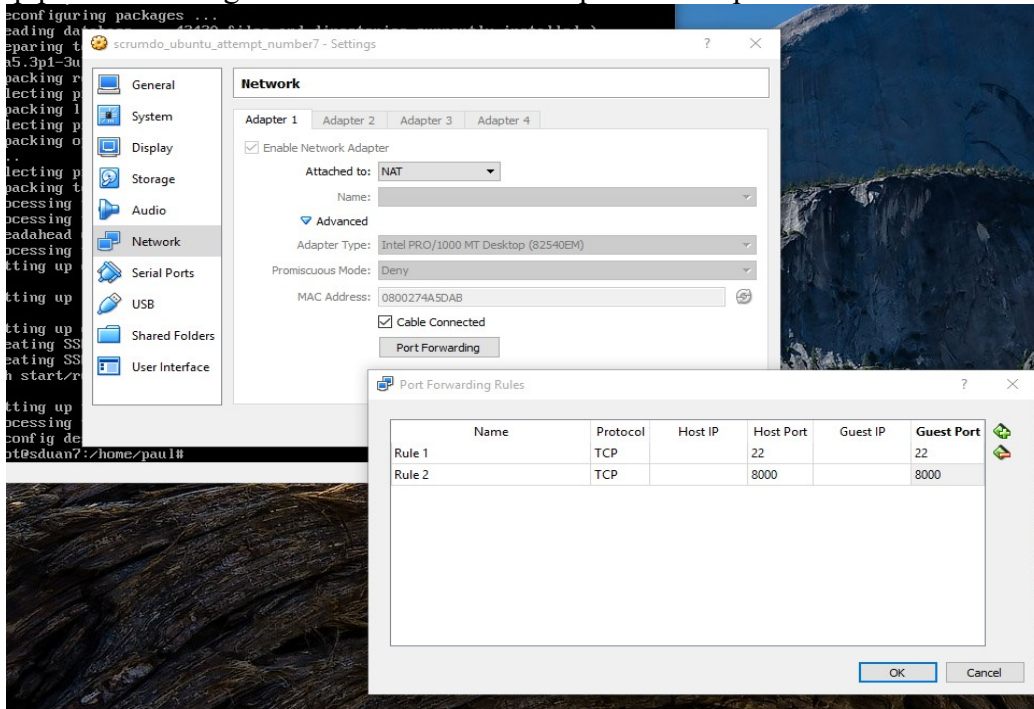
4. Once installed switch user to root and begin the installation. (On my installation I created a user called scrumdo with password scrumdo). For root I set the pwd to scrumdo

```
to run a command as administrator (user "root"
See "man sudo_root" for details.

scrumdo@sdua8:~$ sudo passwd
[sudo] password for scrumdo:
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
scrumdo@sdua8:~$
```

5. Make the installation easier by installing an ssh server, this allows you to access the server using your favorite terminal, (I use putty).  
*apt-get install openssh-server*

- Setup port forwarding within VirtualBox so that port 22 and port 8000 route to the VM



- Now we have the OS installation complete and can start installing the application.
- AS ROOT (do this for all actions). Create a directory for the installation.  
`mkdir /scrumdo`  
`cd /scrumdo/`
- Check the version of python currently installed, make sure you see v2.6

```
root@sduan7:/scrumdo# python
Python 2.6.5 (r265:79063, Apr 16 2010, 13:09:56)
[GCC 4.4.3] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

- Check the jdango is not yet installed

```
Python 2.6.5 (r265:79063, Apr 16 2010, 13:09:56)
[GCC 4.4.3] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>> import django
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
ImportError: No module named django
>>> exit()
root@sduan7:/scrumdo#
```

11. Install mysql (This takes a little time, version 5.x should be installed)

```
apt-get install mysql-server  
apt-get install python-mysqldb
```

12. Verify the version of mysql after installation and verify that mysql is showing as installed.

```
Setting up libdbd-mysql-perl (4.012-1ubuntu1) ...  
Setting up mysql-client-core-5.1 (5.1.73-0ubuntu0.10.04.1) ...  
Setting up mysql-client-5.1 (5.1.73-0ubuntu0.10.04.1) ...  
Setting up mysql-server-core-5.1 (5.1.73-0ubuntu0.10.04.1) ...  
Setting up mysql-server-5.1 (5.1.73-0ubuntu0.10.04.1) ...  
mysql start/running, process 1975  
  
Setting up libhtml-template-perl (2.9-1) ...  
Setting up mysql-server (5.1.73-0ubuntu0.10.04.1) ...  
Processing triggers for libc-bin ...  
ldconfig deferred processing now taking place  
root@sduan7:/scrumdo# mysqladmin  
mysqladmin Ver 8.42 Distrib 5.1.73, for debian-linux-gnu on i486  
Copyright (c) 2000, 2013, Oracle and/or its affiliates. All rights reserved.  
  
Oracle is a registered trademark of Oracle Corporation and/or its  
affiliates. Other names may be trademarks of their respective  
owners.
```

13. Install build essentials, follow the default prompts ensuring no errors during installation (This is one line even though it wraps around here.

```
apt-get install -y make build-essential libssl-dev zlib1g-dev libbz2-dev libreadline-dev  
libsqlite3-dev wget curl llvm libncurses5-dev
```

14. Install python development tools, again check for installation errors

```
apt-get install python-dev
```

15. Install python pip

```
apt-get install python-pip
```

16. Install git

```
apt-get install git-core
```

17. Change to the scrumdo directory and get the scrumdo installation files (This takes time)

```
cd /scrumdo/  
git clone https://github.com/ScrumDoLLC/ScrumDo.git
```

```
root@sduan7:/scrumdo# cd /scrumdo/  
root@sduan7:/scrumdo# git clone https://github.com/ScrumDoLLC/ScrumDo.git  
Initialized empty Git repository in /scrumdo/ScrumDo/.git/  
remote: Counting objects: 9988, done.  
remote: Total 9988 (delta 0), reused 0 (delta 0), pack-reused 9988  
Receiving objects: 100% (9988/9988), 42.33 MiB | 2.64 MiB/s, done.  
Resolving deltas: 100% (7034/7034), done.  
root@sduan7:/scrumdo# █
```

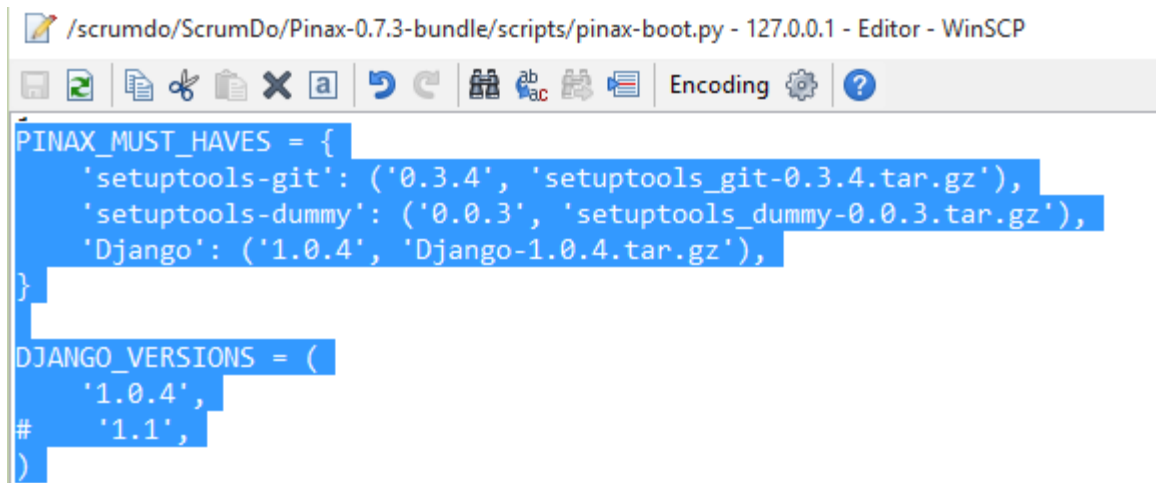
18. Commence the installation, be careful to follow and verify each step (errors in installation must be troubleshooted and resolved, warnings are OK errors must be fixed)

`cd /scrumdo/ScrumDo/Pinax-0.7.3-bundle/`

(Screen shots of my log file during installation – not everything shown here...)

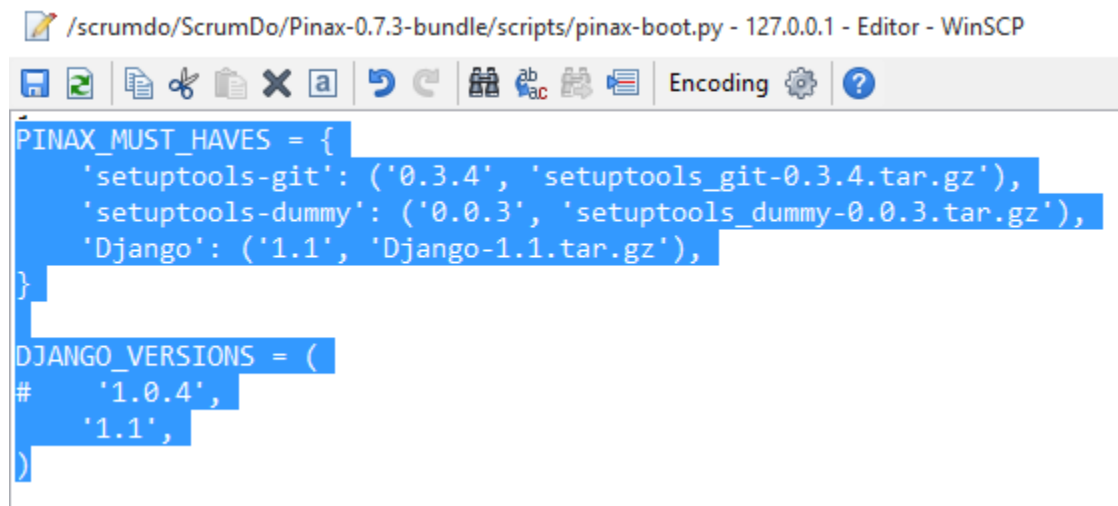
19. Change the `pinax-boot` file to point to `django 1.1` rather than `1.0.4`

Change the file from



```
/scrumdo/ScrumDo/Pinax-0.7.3-bundle/scripts/pinax-boot.py - 127.0.0.1 - Editor - WinSCP
PINAX_MUST_HAVES = {
    'setuptools-git': ('0.3.4', 'setuptools_git-0.3.4.tar.gz'),
    'setuptools-dummy': ('0.0.3', 'setuptools_dummy-0.0.3.tar.gz'),
    'Django': ('1.0.4', 'Django-1.0.4.tar.gz'),
}
DJANGO_VERSIONS = (
    '1.0.4',
#    '1.1',
)
```

To the following, in order to force the installer to use `django v1.1` rather than `django 1.0.4`



```
/scrumdo/ScrumDo/Pinax-0.7.3-bundle/scripts/pinax-boot.py - 127.0.0.1 - Editor - WinSCP
PINAX_MUST_HAVES = {
    'setuptools-git': ('0.3.4', 'setuptools_git-0.3.4.tar.gz'),
    'setuptools-dummy': ('0.0.3', 'setuptools_dummy-0.0.3.tar.gz'),
    'Django': ('1.1', 'Django-1.1.tar.gz'),
}
DJANGO_VERSIONS = (
#    '1.0.4',
    '1.1',
)
```

Copy the file `Django-1.1.tar.gz` from <http://pypi.pinaxproject.com/Django-1.1.tar.gz> to the directory `/scrumdo/ScrumDo/Pinax-0.7.3-bundle/requirements/base`

Name	Ext	Size
Django-1.0.4	.tar.gz	4,970 KiB
Django-1.1	.tar.gz	5,478 KiB
pip-0.7.1	.tar.gz	82,468 B
setuptools_dummy-0.0.3	.tar.gz	41,107 B
setuptools_git-0.3.4	.tar.gz	3,584 B

20. Commence the pinax installation using the following commands  
`cd /scrumdo/ScrumDo/Pinax-0.7.3-bundle/`  
`python scripts/pinax-boot.py ../pinax-env`

*The installation log starts...*

```

root@sdua8:/scrumdo/ScrumDo/Pinax-0.7.3-bundle# python scripts/pinax-boot.py ../
pinax-env
New python executable in ../pinax-env/bin/python
Installing setuptools.....done.
Installing setuptools-dummy 0.0.3
Installing setuptools-git 0.3.4
Installing Django 1.1
Going to install a full Pinax 0.7.3 release.
  Installing Pinax
Ignoring indexes: http://pypi.python.org/simple
Downloading/unpacking django-openid==0.2.0 (from -r /scrumdo/ScrumDo/Pinax-0.7.3

```

*...after sometime if everything runs OK then it will complete with the following notification*

```

Please activate the newly created virtualenv by running:
  source ../pinax-env/bin/activate
Pinax environment created successfully.
root@sdua8:/scrumdo/ScrumDo/Pinax-0.7.3-bundle# █

```

21. Now activate the installation of PINAX  
`cd /scrumdo/ScrumDo/pinax-env/`  
`source bin/activate`

```

root@sduan7:/scrumdo/ScrumDo/Pinax-0.7.3-bundle# cd /scrumdo/ScrumDo/pinax-env/
root@sduan7:/scrumdo/ScrumDo/pinax-env# source bin/activate
(pinax-env) root@sduan7:/scrumdo/ScrumDo/pinax-env# █

```

22. Running the commands below shows BOTH python and djando are now installed

```
root@sdua8:/scrumdo/ScrumDo/Pinax-0.7.3-bundle# cd /scrumdo/ScrumDo/pinax-env/
root@sdua8:/scrumdo/ScrumDo/pinax-env# source bin/activate
(pinax-env)root@sdua8:/scrumdo/ScrumDo/pinax-env# python
Python 2.6.5 (r265:79063, Feb 27 2014, 19:44:14)
[GCC 4.4.3] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>> import django
>>> django.VERSION
(1, 1, 0, 'final', 0)
>>> exit()
(pinax-env)root@sdua8:/scrumdo/ScrumDo/pinax-env#
```

23. Install scrumdo pre-reqs

```
cd /scrumdo/ScrumDo/
pip install -r requirements.txt
```

```
in distribution
warning: no previously-included files matching '*.so' found anywhere in dist
ribution
warning: no previously-included files matching '*.pyd' found anywhere in dis
tribution
Successfully installed boto csp-eventlet django-haystack django-ses django-stora
ges django-tastypie eventlet greenlet hookbox importlib markdown paste pil pysol
r pystache python-dateutil python-mimeparse requests rtjp-eventlet six static su
ds Werkzeug
(pinax-env)root@sdua8:/scrumdo/ScrumDo#
```

IFF the pre-reqs installed correctly then the process should complete without error. Warnings are visible however the installation runs ok.

24. Copy the file `/scrumdo/ScrumDo/scrumdo-web/settings.py` to `/scrumdo/ScrumDo/scrumdo-web/local_settings.py` and make the changes below from:

```
/scrumdo/ScrumDo/scrumdo-web/local_settings.py - 127.0.0.1 - Editor - WinSCP
DATABASE_ENGINE = 'mysql' # 'postgresql_psycopg2', 'postgresql', 'mysql', 'sqlite3' or 'ad
DATABASE_NAME = 'scrumdo' # Or path to database file if using sqlite3.
DATABASE_USER = 'scrumaster' # Not used with sqlite3.
DATABASE_PASSWORD = 'dlfksj39028' # Not used with sqlite3.
DATABASE_HOST = '' # Set to empty string for localhost. Not used with sqlite3.
DATABASE_PORT = '' # Set to empty string for default. Not used with sqlite3.
```

Change settings to point to sqlite database as this makes it easier for the installation:

```
/scrumdo/ScrumDo/scrumdo-web/local_settings.py - 127.0.0.1 - Editor - WinSCP
DATABASE_ENGINE = 'sqlite3' # 'postgresql_psycopg2', 'postgresql', 'mysql', 'sqlite3' or
DATABASE_NAME = 'scrumdo' # Or path to database file if using sqlite3.
DATABASE_USER = '' # Not used with sqlite3.
DATABASE_PASSWORD = '' # Not used with sqlite3.
DATABASE_HOST = '' # Set to empty string for localhost. Not used with sqlite3.
DATABASE_PORT = '' # Set to empty string for default. Not used with sqlite3.
```

25. Change directory to the scrumdo installation and perform a `syndb` command to initialise the database:

```
cd /scrumdo/ScrumDo/scrumdo-web/
python manage.py syncdb
```

```
(pinax-env) root@sdua8:/scrumdo/ScrumDo# cd /scrumdo/ScrumDo/scrumdo-web/
(pinax-env) root@sdua8:/scrumdo/ScrumDo/scrumdo-web# python manage.py syncdb
Creating table auth_permission
Creating table auth_group
Creating table auth_user
Creating table auth_message
Creating table django_content_type
Creating table django_session
Creating table django_site
Creating table django_admin_log
Creating table emailconfirmation_emailaddress
```

26. When prompted set the admin user and password (I used admin admin)

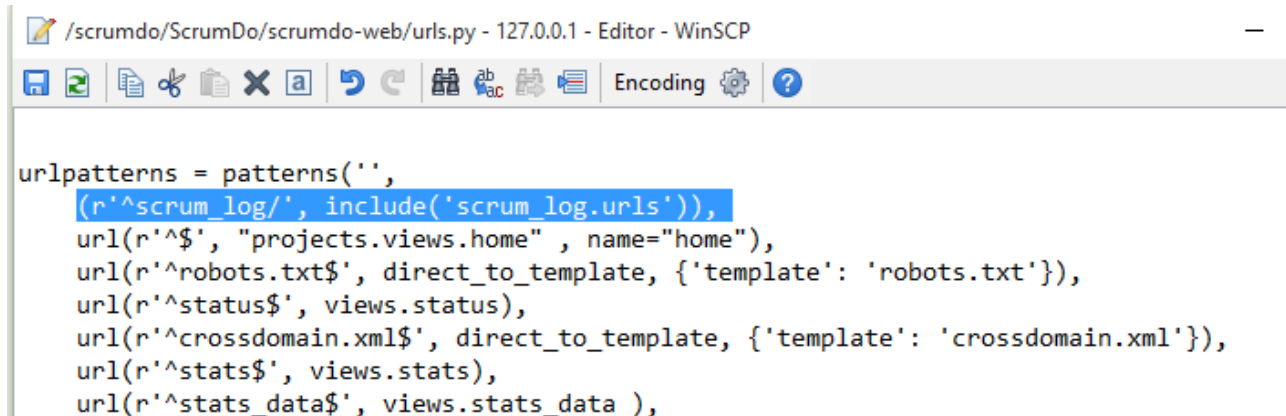
```
Creating table django_openid_useropenidassociation
You just installed Django's auth system, which means you don't have any superusers defined.
Would you like to create one now? (yes/no): yes
Username (Leave blank to use 'root'): admin
E-mail address: a@b.com
Password: 
```



27. Once setup concludes all database tables and data should now exist

```
Installing index for api.DeveloperApiKey model
Installing index for api.UserApiKey model
Installing index for favorites.Favorite model
Installing index for scrum_log.ScrumLog model
Installing index for django_openid.UserOpenidAssociation model
(pinax-env) root@sdua8:/scrumdo/ScrumDo/scrumdo-web#
```

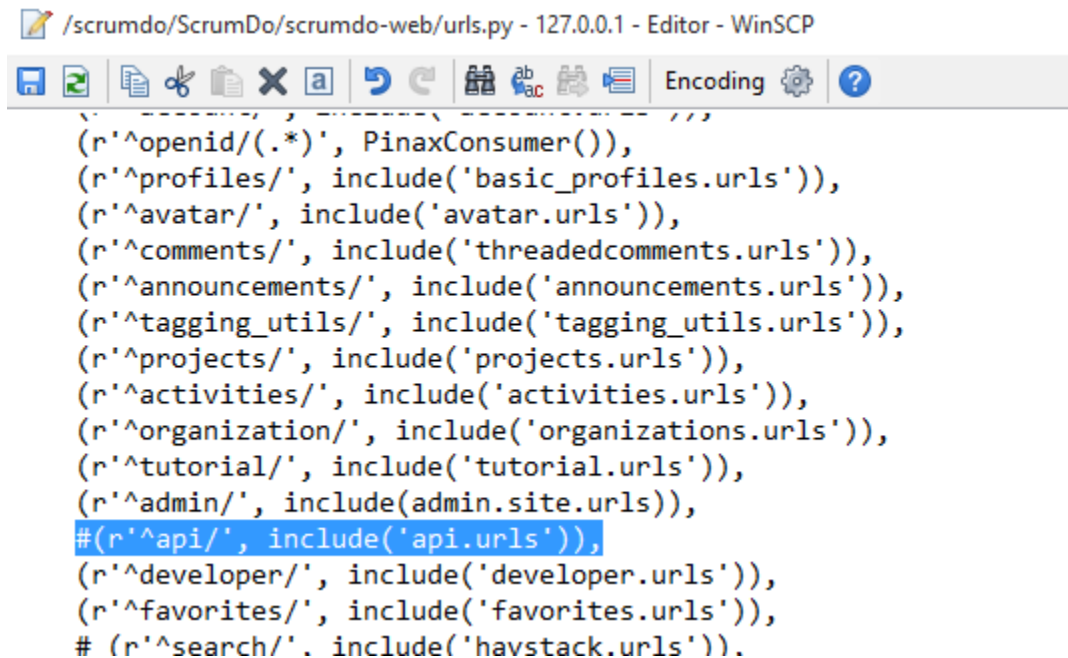
28. Update the file /scrumdo/ScrumDo/scrumdo-web/urls.py to add a missing url pattern for scrumdo to function.



```
/scrumdo/ScrumDo/scrumdo-web/urls.py - 127.0.0.1 - Editor - WinSCP

urlpatterns = patterns('',
    (r'^scrum log/', include('scrum_log.urls')),
    url(r'^$', "projects.views.home" , name="home"),
    url(r'^robots.txt$', direct_to_template, {'template': 'robots.txt'}),
    url(r'^status$', views.status),
    url(r'^crossdomain.xml$', direct_to_template, {'template': 'crossdomain.xml'}),
    url(r'^stats$', views.stats),
    url(r'^stats_data$', views.stats_data ),
```

29. Comment out the api entry in urls.py



```
/scrumdo/ScrumDo/scrumdo-web/urls.py - 127.0.0.1 - Editor - WinSCP

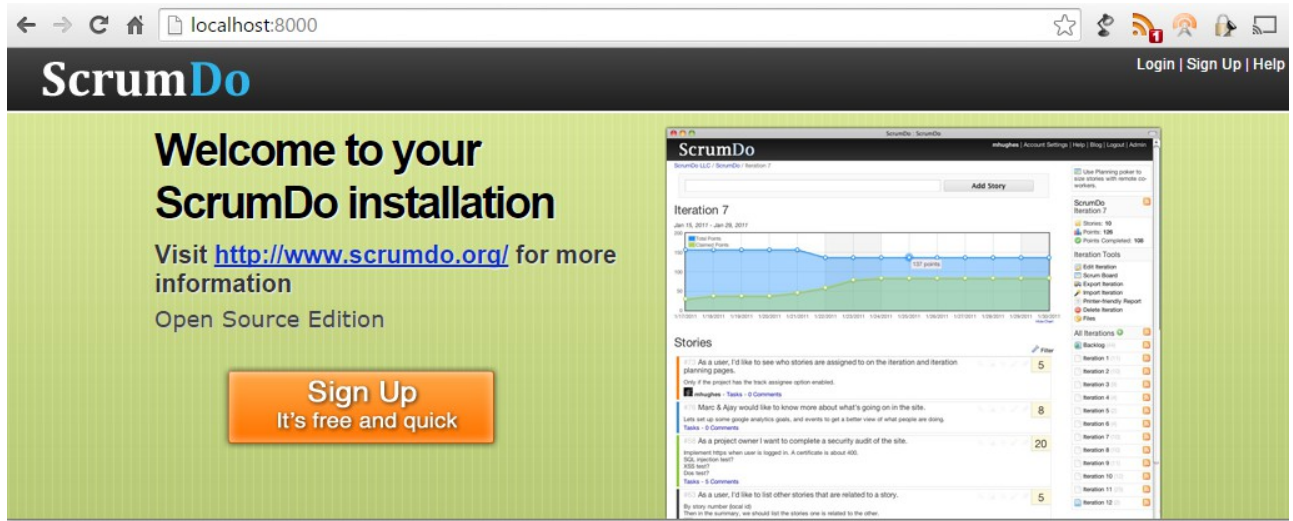
(r'^openid/(.*)', PinaxConsumer()),
(r'^profiles/', include('basic_profiles.urls')),
(r'^avatar/', include('avatar.urls')),
(r'^comments/', include('threadedcomments.urls')),
(r'^announcements/', include('announcements.urls')),
(r'^tagging_utils/', include('tagging_utils.urls')),
(r'^projects/', include('projects.urls')),
(r'^activities/', include('activities.urls')),
(r'^organization/', include('organizations.urls')),
(r'^tutorial/', include('tutorial.urls')),
(r'^admin/', include(admin.site.urls)),
#(r'^api/', include('api.urls')),
(r'^developer/', include('developer.urls')),
(r'^favorites/', include('favorites.urls')),
#(r'^search/'. include('havstack.urls')).
```

30. Start the scrumdo server

```
python manage.py runserver 0.0.0.0:8000
```



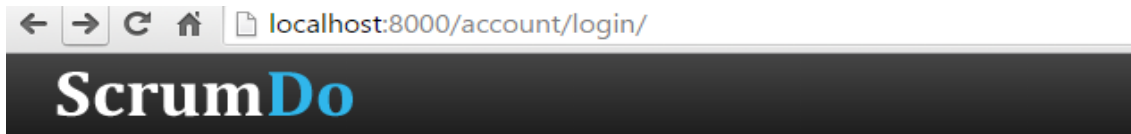
### 31. Login and access the server (User:admin PWD:admin)



The screenshot shows the ScrumDo installation page in a browser. The address bar shows 'localhost:8000'. The page has a dark header with the ScrumDo logo and navigation links for 'Login', 'Sign Up', and 'Help'. The main content area has a green background with the text 'Welcome to your ScrumDo installation'. Below this, it says 'Visit <http://www.scrumdo.org/> for more information' and 'Open Source Edition'. A prominent orange button says 'Sign Up It's free and quick'. On the right side, there is a preview of the ScrumDo interface, showing a 'ScrumDo' dashboard with a 'Iteration 7' chart, a list of 'Stories' with their points, and a sidebar with navigation options like 'Backlog', 'Iteration 1-12', and 'Files'.

#### Scrum

- Manage your Backlog
- Create Iterations
- Size Stories
- BurnUp charts
- Predict the future



The screenshot shows the ScrumDo login page. The address bar shows 'localhost:8000/account/login/'. The page has a dark header with the ScrumDo logo.

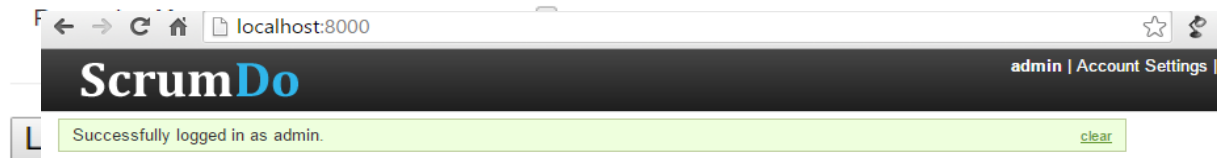
## Log In

**Note:** you are already logged in as admin.

[Forgot password?](#)


Username\*

Password\*



The screenshot shows the ScrumDo interface after a successful login. The address bar shows 'localhost:8000'. The header now includes the user's name 'admin' and links for 'Account Settings' and 'Logout'. A green notification box at the top says 'Successfully logged in as admin.' with a 'clear' button.

[Create New Organization](#)

 Please pick your organization.

localhost:8000/projects/create/?org=1

ScrumDo admin | Account Settings | Help

## Create Project

A project is a collection of user stories.

Organization    
Which organization should this project be a part of?   
[+ Create New Organization](#)

Name\*

Slug\*    
a short version of the name consisting only of letters, numbers, underscores and hyphens.

Description\*

localhost:8000/organization/myorg/projects

ScrumDo admin | Account Settings | Help

Organization Created. [clear](#)

## My Org

DASHBOARD PROJECTS TEAMS EXPORT

[New Project](#)

My Org  
Slug: my  
Creator:  
Created:  
Tools  
Other C

## Create Organization

An organization is a grouping of projects and teams working on those projects.

Name\*

Slug\*

a short version of the name consisting only of letters, numbers, underscores and hyphens.

Create Organization

My Org / My Project

Add Story

Project Created

clear

## Overall Project

### Not Enough Data


We don't have enough data to draw this burn up chart right now.

## News feed

[View Scrum Log](#)

### Getting Started

#### Project Options

Use the  project admin link on the right to define custom fields, set your velocity calculation method, and choose your point range.

#### Create a new iteration

Use the  icon next to "Iterations" on the right to add an iteration.

#### Invite a collaborator

Go to the  project admin page to add others to this project.

#### Add a story

Use the form at the top of this page to add a new story to your backlog.








**Tip:** Burn Up charts are updated nightly.

### My Project


Stories: 0

### Search

### Project Tools

-  Epics
-  Iteration Planning
-  History
-  Predictions
-  Export Project
-  Extras
-  Project Admin

Iterations 

 Backlog