

Урок 4.

Импорт.

```
import mymodule # mymodule.py  
from mymodule import *  
from mymodule import myfunc as fu  
from mymodule import func1, func2  
if __name__ == "__main__":  
    do something
```

Пакеты

sound/	Top-level package
__init__.py	Initialize the sound package
formats/	Subpackage for file format conversions
__init__.py	
wavread.py	
wavwrite.py	
aiffread.py	
aiffwrite.py	
auread.py	
auwrite.py	

```
import sound.formats.wavread  
from sound.formats import aiffread
```

Установка PostgreSQL

```
apt-get install build-essential postgresql postgresql-contrib
```

creating cluster

```
pg_createcluster 9.3 main --start
```

```
vim /etc/postgresql/9.3/main/pg_hba.conf
```

```
host all all 0.0.0.0/0 trust
```

```
vim /etc/postgresql/9.3/main/postgresql.conf
```

```
listen_addresses = '*'
```

Change password to postgres user

```
passwd postgres
```

```
sudo -s -u postgres
```

```
psql
```

```
\password postgres
```

Restart server

```
service postgresql restart
```

Знакомство со скринами

```
screen -S name
```

```
screen -ls
```

```
screen -r name
```

```
screen -D -r name
```

```
ctrl+A D
```

```
Cannot open your terminal '/dev/pts/0' - please check.
```

```
script /dev/null
```

```
screen -d -r <PID>
```

SSH ключи

creating

```
ssh-keygen -t rsa
```

adding

```
ssh-copy-id -i ~/.ssh/id_rsa.pub root@ip -p 22
```

enjoing

```
ssh root@10.10.10.10
```

Модель блога

```
class BlogCategory(models.Model):  
    name = models.CharField(max_length=250, verbose_name=u'Заголовок', blank=False)  
    description = models.TextField(verbose_name=u'Описание')
```

```
class BlogTopic(models.Model):  
    category = models.ForeignKey('BlogCategory')  
    title = models.CharField(max_length=250, verbose_name=u'Заголовок', blank=False)  
    content = models.TextField(verbose_name=u'Содержимое')  
    created_at = models.DateField(auto_now_add=True)
```

```
class BlogPost(models.Model):  
    topic = models.ForeignKey('BlogTopic')  
    author = models.CharField(verbose_name=u'Автор', blank=False, max_length=250)  
    content = models.TextField(verbose_name=u'Содержимое', blank=False)  
    is_published = models.BooleanField()  
    def __unicode__(self):  
        return self.author
```

Миграции базы с South

```
./manage.py schemamigration blog --initial
```

```
./manage.py schemamigration blog --auto
```

```
./manage.py migrate
```

```
./manage.py migrate 002
```