

Урок 2

GIT

init clone add commit

pull push

branch tag

reset

status log

генерация ключика
ssh-keygen -t rsa
cat ~/.ssh/id_rsa.pub

Personal settings

Profile

Account settings

Emails

Notification center

Billing

SSH keys

Security

Applications

Personal access tokens

Repositories

Organizations

Need help? Check out our guide to [generating SSH keys](#) or troubleshoot [common SSH Problems](#)

SSH keys

Add SSH key

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.

wezom
e0:7e:6a:80:47:48:9e:56:ce:9e:d2:ef:af:0d:52:5e
Added on 10 Jan 2014 — Last used on 31 Mar 2014

Delete

desktop
ac:a6:2e:f2:eb:88:d1:9f:ea:5c:89:d8:1d:9a:e6:57
Added on 10 Aug 2014 — Last used on 4 May 2015

Delete

zdimon2
d2:41:5d:f3:23:11:36:a1:ee:12:f2:16:c3:ce:97:bc
Added on 15 Aug 2014 — Last used on 22 Aug 2014

Delete

vds
73:11:24:92:86:67:97:37:b0:3c:66:e0:1d:f5:05:cb
Added on 16 Aug 2014 — Last used on 22 Aug 2014

Delete

ОСНОВЫ ЯЗЫКА.

```
s = 'hello %s' % 'dima'
```

```
d = 'hello %s your number is %d' % ('dima', '4')
```

```
s = 'bla {0} bla {1}'.format('1', '2')
```

```
'%.2f' % amount
```

+ - конкатенация

utf-8 u'кирилица'

""" """ - тройные кавычки

replace, split, join

Запись в файл

```
f = open('text.txt', 'w')
```

```
f.write(s)
```

```
f.close()
```

Перечисляемые типы

Кортеж (1,2,3)

Список [(1),[],{}]

Словарь { '1' : 'one', '2' : 'two' }

Срезы

```
list = [1,2,3,4,5,6,7,8,9]
```

```
v = list[2:5] # [4,5,6,7]
```

```
v = list[:2] # [1,2]
```

```
v = list[3:] # [4,5,6,7]
```

Установщик пакетов pip

`pip install packet_name`

`requirements.txt` - зависимости

перечисление пакетов

`Django==1.6.5`

`django-modeltranslation==0.7.3`

Установка пакетов

`pip install -r requirements`

Работаем с сервером

Найти подстроку

```
grep -Rin "text-to-find-here" /
```

- i stands for upper/lower case (optional in your case).
- R stands for recursive.

```
netstat -pl | grep 8000
```

kill

```
chmod +x filename.py
```

```
./myf.py
```


Основы bash shell

`cd . ~`

`mkdir`

Любой bash-скрипт должен начинаться со строки: `#!/bin/bash`

`$1` - первый параметр

`$0` - имя скрипта

`echo` - вывод

`exit 0` - выход

Зарезервированные переменные

`$HOME` - домашний каталог пользователя

`$HOSTNAME` - ваш hostname

`$HOSTTYPE` - архитектура машины.

`$PATH` - путь поиска программ

Оптимизация

```
#!/bin/bash
comment=$1
dt=`date '+%d/%m/%Y_%H:%M:%S'`
git add --all
if [ -n "$comment" ]
then
    git commit -m "$comment"
else
    git commit -m "commit at $dt"
fi
git push
```

Django команды

`./django-admin.py startproject o`

`./manage.py startapp main`

`./manage.py syncdb`

`./manage.py runserver 8888`

`http://ip:8888/admin`

Структура проекта

settings.py - настройки

urls.py - роутинг

app/models.py - модели

app/views.py - вьюхи

Первое приложение с моделью

```
./manage.py startapp blog
```

```
blog/models.py
```

```
#coding: utf-8
```

```
from django.db import models
```

```
class BlogCategory(models.Model):
```

```
    name = models.CharField(max_length=250, verbose_name=u'Заголовок', blank=False)
```

```
    description = models.TextField(verbose_name=u'Описание')
```

```
    class Meta:
```

```
        verbose_name = u'Категория'
```

```
        verbose_name_plural = u'Категории'
```

```
./manage.py syncdb
```

Подключение приложения в админку.

```
### blog/admin.py
#coding: utf-8
from django.contrib import admin
from blog.models import BlogCategory

class BlogCategoryAdmin(admin.ModelAdmin):
    pass

admin.site.register(BlogCategory,BlogCategoryAdmin)
```

Переопределяем главную

```
### blog/view.py
#coding: utf-8
from django.template import RequestContext
from django.shortcuts import render_to_response

def home(request):
    return render_to_response('home.html', {}, context_instance=RequestContext(request))

### blog/templates/home.html
<h1>Hello my friend!</h1>

### myapp/url.py
url(r'^$', 'blog.views.home', name='home'),
```

Наследование шаблонов

```
## templates/base.html
```

```
{% load staticfiles %}
```

```
<html>
```

```
<head>
```

```
<link rel="stylesheet" href="{% static 'css/bootstrap.css' %}" type="text/css" media="screen" />
```

```
<title>Блог</title>
```

```
</head>
```

```
<body> {% block base_content %} {% endblock %} </body>
```

```
</html>
```

```
### blog/templates/home.html
```

```
{% extends "base.html" %}
```

```
{% block base_content %}<h1>Hello my friend!</h1>{% endblock %}
```