Python

базовый тренинг

Рузин Алексей
ruzin@me.com

Django - installation

- pip install Django

- python -m django —version

Django - start project

- django-admin startproject app

- tree app
  ```
  app
  |___ app
  | |___ __init__.py
  | |___ settings.py
  | |___ urls.py
  | |___ wsgi.py
  |___ manage.py
  ```

- app/manage.py runserver 8001

Django - start app

- mv app shop

- cd shop

- manage.py startapp shop

Django - create view

- shop/views.py
  HttpResponse("Welcome to our store.")

- app/urls.py
  url(**r'^$'**, views.index, name=**'index'**)

Django - models

- shop/models.py

- app/settings.py
  INSTALLED_APPS

- manage.py makemigrations

- manage.py sqlmigrate shop 0001

- manage.py migrate

Django - models

- Category.objects.create(…) - создать объект

- Category.objects.all() - список всех объектов

- Category.objects.filter(…) - выбрать несколько по условию

- Category.objects.get(pk=1) - выбрать один объект

Django - models

- .filter(title='Knifes')

- .filter(title__**contains**='if')

- .filter(pub_date__**gt**='2017-03-13') # gte, lt, lte

- .filter(description__**isnull**=True)

- .filter(**category**__title__contains='if')

Django - admin

- python manage.py createsuperuser

- http://127.0.0.1:8000/admin

Django - admin

```python
class ItemAdmin(admin.ModelAdmin):
    list_display = ('title', 'description', 'pub_date', 'is_new')

admin.site.register(Item, ItemAdmin)
```