

Django Tutorial

- 📖 Django - Home
- 📖 Django - Basics
- 📖 Django - Overview
- 📖 Django - Environment
- 📖 Django - Creating a Project
- 📖 Django - Apps Life Cycle
- 📖 Django - Admin Interface
- 📖 Django - Creating Views
- 📖 Django - URL Mapping
- 📖 Django - Template System
- 📖 Django - Models
- 📖 Django - Page Redirection
- 📖 Django - Sending E-mails
- 📖 Django - Generic Views
- 📖 Django - Form Processing
- 📖 Django - File Uploading
- 📖 Django - Apache Setup
- 📖 Django - Cookies Handling
- 📖 Django - Sessions
- 📖 Django - Caching
- 📖 Django - Comments
- 📖 Django - RSS
- 📖 Django - AJAX

Django Useful Resources

- 📖 Django - Quick Guide
- 📖 Django - Useful Resources
- 📖 Django - Discussion

Django - Apps Life Cycle

Advertisements

⬅ Previous Page

Next Page ➡

A project is a sum of many applications. Every application has an objective and can be reused into another project, like the contact form on a website can be an application, and can be reused for others. See it as a module of your project.

Create an Application

We assume you are in your project folder. In our main "myproject" folder, the same folder then manage.py –

```
$ python manage.py startapp myapp
```

You just created myapp application and like project, Django create a "myapp" folder with the application structure –

```
myapp/  
  __init__.py  
  admin.py  
  models.py  
  tests.py  
  views.py
```

- **__init__.py** – Just to make sure python handles this folder as a package.
- **admin.py** – This file helps you make the app modifiable in the admin interface.
- **models.py** – This is where all the application models are stored.
- **tests.py** – This is where your unit tests are.
- **views.py** – This is where your application views are.

Get the Project to Know About Your Application

At this stage we have our "myapp" application, now we need to register it with our Django project "myproject". To do so, update `INSTALLED_APPS` tuple in the `settings.py` file of your project (add your app name) –

```
INSTALLED_APPS = (  
    'django.contrib.admin',  
    'django.contrib.auth',  
    'django.contrib.contenttypes',  
    'django.contrib.sessions',  
    'django.contrib.messages',  
    'django.contrib.staticfiles',  
    'myapp',  
)
```

[⬅ Previous Page](#)

[Next Page ➡](#)

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