

Django Web Framework

Django is a powerful web framework that allows the rapid creation of websites. This hands-on course introduces you to Django's database modelling, web view mechanism, user management, authentication, authorization, templating, and the Django admin toolkit.

Length: 3 day workshop

Prerequisites: an existing understanding of Python and web programming concepts. Participants are expected to have a running Python development environment installed and ready to go.

Topics

- Creating Django projects and apps
- Django and databases: the Object Relational Model
- Web views
- Routes and URL management
- Authentication, authorization, and permissions
- Django templates, tags and filters
- Django unit tests
- Using the Django site admin to manage objects
- Customizing the Django site admin

This course is a hands-on experience with attendees learning by writing code.