

Pre-course Work: Introduction to Django

Introduction to Django

Dubbed the Web framework for perfectionists with deadlines, Django is a powerful Python web framework that allows developers to take their apps from idea to deployment in a matter of hours. Django takes care of the essentials to allows us to start writing code without caring about setting up.

Django allows us to build large and powerful web applications that can be used for different purposes.

Benefits of Using Django

1. Really Fast

Django was designed to help developers create applications as quickly as possible.

2. Scalable

Django can handle massive amounts of traffic to your website without breaking a sweat. It is used by some of the busiest websites out there.

3. Secure

Built with security in mind Django was designed to help developers avoid major security pitfalls in developing websites. With an air-tight authentication system to manage users authenticated to the application and passwords.

4. Locked and Loaded

Django comes loaded with extras that can handle most of the web development tasks. Authentication, sitemaps, Administration etc.

Companies Using Django

1. Disqus

The largest blog commenting hosting service. Its used by many content management systems to host comments for their content.

2. Bitbucket

The largest rival to Github and one of the titans in the code repository hosting services Bitbucket uses Django for their website providing a secure and stable system.

3. Instagram

The web-based version of the powerful social media platform is powered by Django.

4. Pinterest

With 70 million Registered users Pinterest is a true demonstration of the power and versatility of the Django framework

5. The Washington Post

The most influential news website in the world is built solely on the Django platform.

Django was created in 2003 by a group of web developers who worked for a news website. It was released as open source framework in 2005 and was named Django after the jazz guitarist Django Reinhardt.

Because it was born in a news environment it offers many features such as an Admin panel and is well suited for content sites.