

Introduction

- Django is a web application framework written in Python programming language.
- It is based on MVT (Model View Template) design pattern.
- The Django is very demanding due to its rapid development feature.
- It takes less time to build application after collecting client requirement.

This framework uses a famous tag line: **The web framework for perfectionists with deadlines.**

- By using Django, we can build web applications in very less time.
- Django is designed in such a manner that it handles much of configure things automatically, so we can focus on application development only.

History

- Django was design and developed by Lawrence journal world in 2003 and publicly released under BSD license in July 2005.
- Currently, DSF (Django Software Foundation) maintains its development and release cycle.
- Django was released on 21, July 2005.
- Its current stable version is 2.0.3 which was released on 6 March, 2018.
- Author names are Adrian Holovaty and Simon Willison
- Django name is taken by the name of guitarist name: Django Reinhardt.
- In built light weight server software is there in django no need to install other servers.
- It supports Object Relational Mapping (ORM).
- Multilingual support (based on customer support we will provide website for understanding customer language).

- Web development with light weight web server.
- Official website for django is www.djangoproject.com

Django Version History

Version	Date	Description
0.90	16 Nov 2005	
0.91	11 Jan 2006	magic removal
0.96	23 Mar 2007	newforms, testing tools
1.0	3 Sep 2008	API stability, decoupled admin, unicode
1.1	29 Jul 2009	Aggregates, transaction based tests
1.2	17 May 2010	Multiple db connections, CSRF, model validation
1.3	23 Mar 2011	Timezones, in browser testing, app templates.
1.5	26 Feb 2013	Python 3 Support, configurable user model

1.6	6 Nov 2013	Dedicated to Malcolm Tredinnick, db transaction management, connection pooling.
1.7	2 Sep 2014	Migrations, application loading and configuration.
1.8 LTS	2 Sep 2014	Migrations, application loading and configuration.
1.8 LTS	1 Apr 2015	Native support for multiple template engines. <i>Supported until at least April 2018</i>
1.9	1 Dec 2015	Automatic password validation. New styling for admin interface.
1.10	1 Aug 2016	Full text search for PostgreSQL. New-style middleware.
1.11 LTS	1.11 LTS	Last version to support Python 2.7. <i>Supported until at least April 2020</i>
2.0	Dec 2017	First Python 3-only release, Simplified URL routing syntax, Mobile friendly admin.

Now current Latest version of django is 3.1.4

Popularity

Django is widely accepted and used by various well-known sites such as:

- Instagram
- Mozilla

- Disqus
- Pinterest
- Bitbucket
- The Washington Times