

# Open source training



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## Django introduction

### Course details

Duration: 1 day

Cost: \$760 (ex gst)

To register email: [training@catalyst.net.nz](mailto:training@catalyst.net.nz)

### About the course

Django is known as 'The Web framework for perfectionists with deadlines'. Django aims to be the '90%' framework. That is, for 90% of website projects it is unambiguously the 'Right Tool for the Job'. Django's design is strongly influenced by DRY principles (Don't Repeat Yourself).

### Course outline

In this training session you will learn how to build a Django project, including:

- How to design a Django-based website and put one together
- Using test-driven development to ensure your website is working at all times
- The use of the Django ORM and database model API
- Writing views (web-pages) in Django, both from scratch and using the library of 'generic' views for code-reuse
- How the Django forms library makes all input validation safe and easy
- A rundown of the security features of Django that make it one of the safest frameworks available.
- A tour of other 'batteries' included parts of Django and additional packages, including the caching framework, RESTful API development, content management system, and internationalisation.

Note: These are the topics normally covered but might alter slightly depending on the needs of the attendees.

### Target audience

Developers with some Python experience who wish to learn about using Django.

### Prerequisites

A basic level of Python and Linux knowledge is required.

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