

GETTING STARTED New to Django? Or to Web development in general? Well, you came to the right place: read this material to quickly get up and running.

## 2.1 Django at a glance

Because Django was developed in a fast-paced newsroom environment, it was designed to make common Web development tasks fast and easy. Here's an informal overview of how to write a database-driven Web app with Django. The goal of this document is to give you enough technical specifics to understand how Django works, but this isn't intended to be a tutorial or reference— but we've got both! When you're ready to start a project, you can start with the tutorial or dive right into more detailed documentation.

### 2.1.1 Design your model

Although you can use Django without a database, it comes with an object-relational mapper in which you describe your database layout in Python code. The data-model syntax offers many rich ways of representing your models— so far, it's been solving many years' worth of database-schema problems. Here's a quick example:

Listing 1: `mysite/news/models.py`

```
from django.db import models
class Reporter(models.Model):
    full_name = models.CharField(max_length=70)
    def __str__(self):
        return self.full_name
class Article(models.Model):
    pub_date = models.DateField()
    headline = models.CharField(max_length=200)
    content = models.TextField()
    reporter = models.ForeignKey(Reporter, on_delete=models.CASCADE)
    def __str__(self):
        return self.headline
```