

Django Views, Apps and URL Mappings

CREATING A DJANGO PROJECT AND SETTING UP URL MAPPINGS



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SOFTWARE ARCHITECT

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Overview



Django features

Build a web application

Not a course on front-end styling



Django Architecture

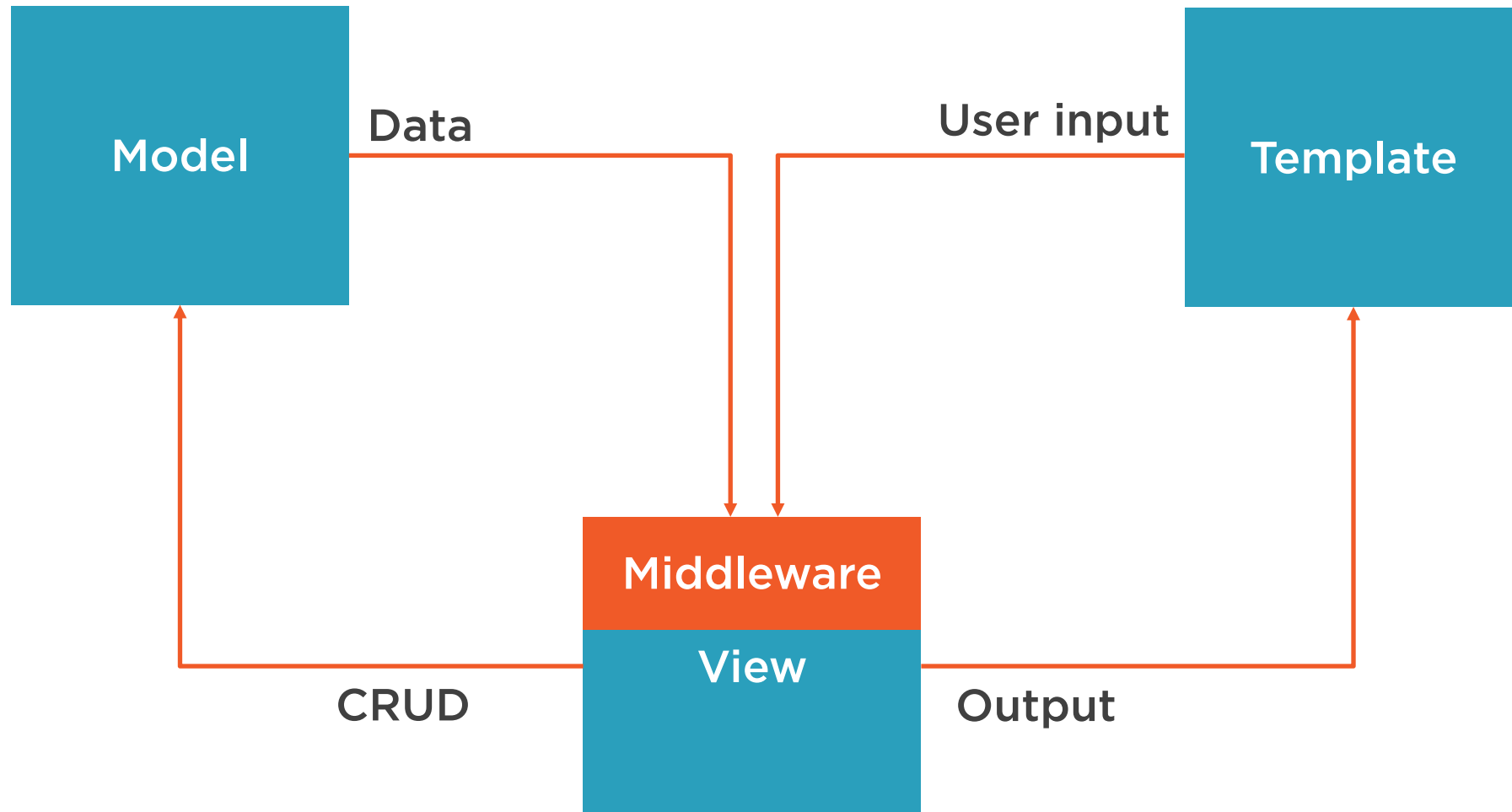


Web framework

Built on Python

MVT architecture

MVT Architecture





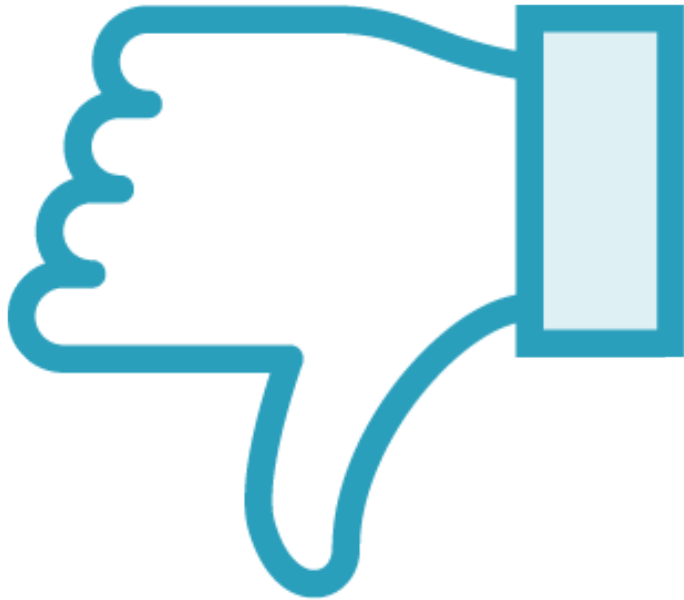
Rapid development

Loosely coupled architecture

Battery included framework

- Prebuilt middleware packages



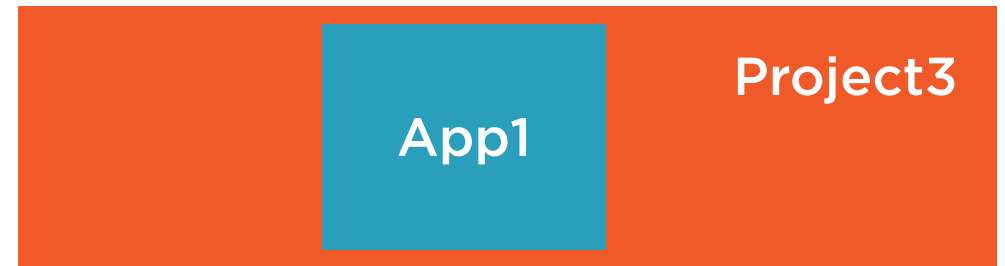
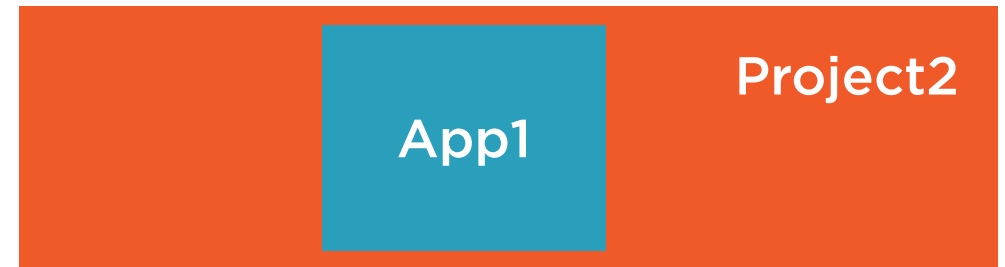
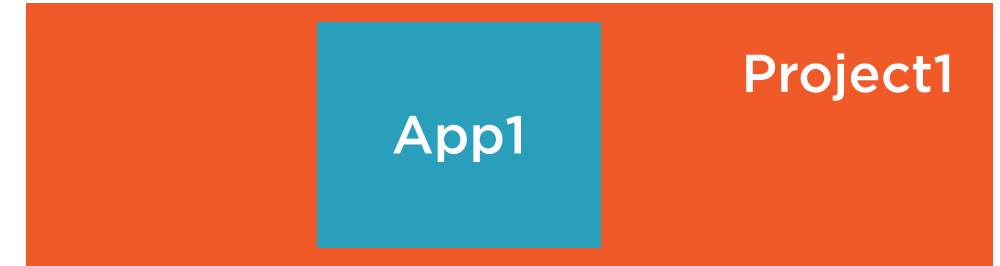
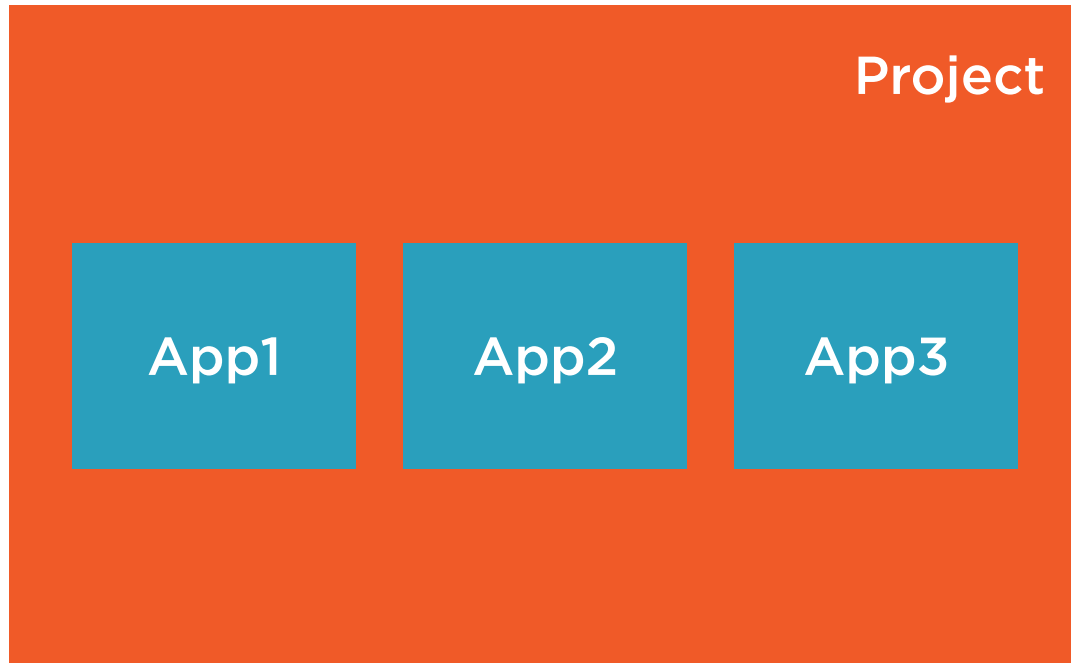


Complex file system

Not a good fit for small web applications

Lack of convention

Django Projects and Apps



Create a Django Project and Web Application



Django Built-in Development Server



Pre-Installed Apps



Admin site

Authentication system

Session framework

Messaging framework

Managing static files

SQLite database



Create a View and URL Mapping



Advanced URL Mappings



Regular Expressions

Regular Expression

Matching String

electronics

Welcome to our electronics store

\d

2

\d+

1234

^electronics

electronics store

electronics\$

Globomantics electronics

^\$

