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Introduction to Django



Introduction to Django

- ❑ Django is the most widely-used Python web framework.
- ❑ It uses the MTV design pattern.
- ❑ The PyMongo driver can be directly used with Django.



Advantages of Django

Database and ORM
layer

Templating System

Rapid Development

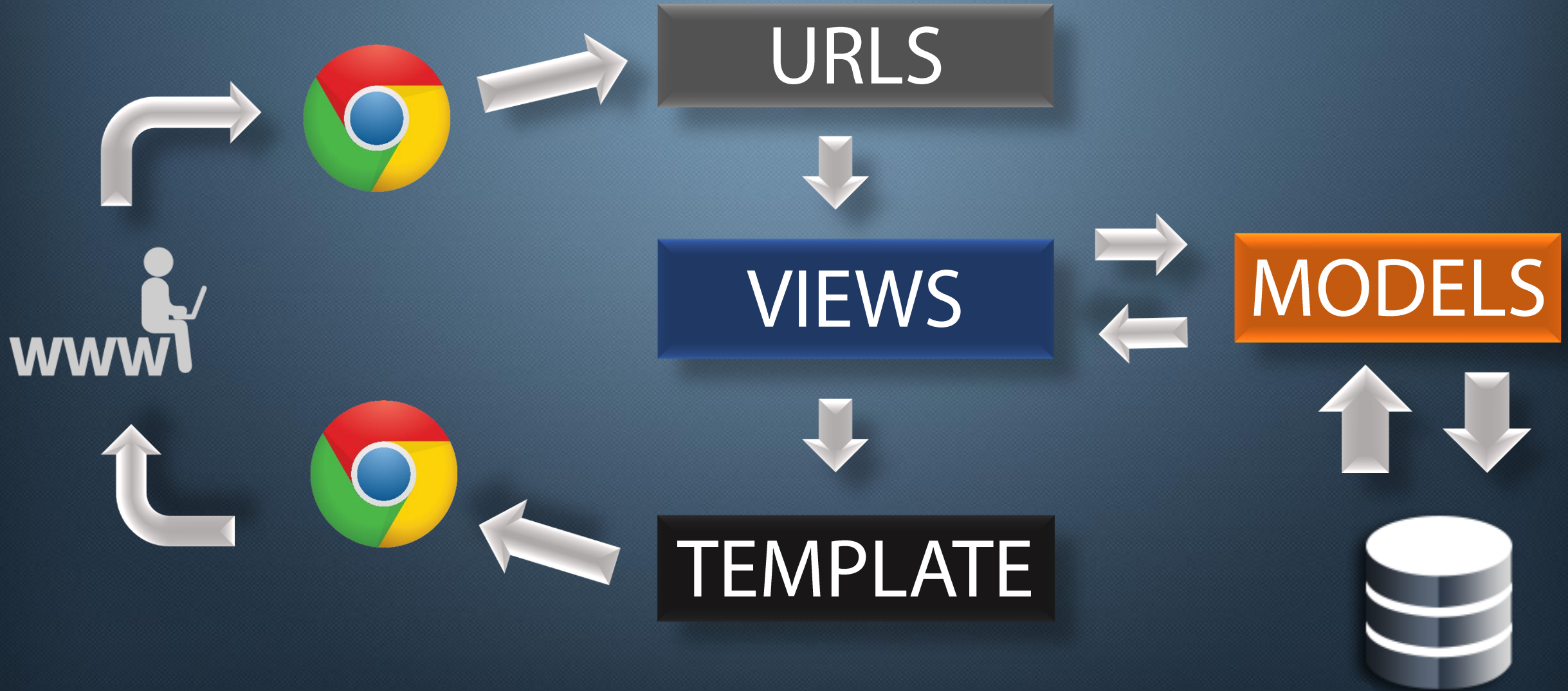
Django offers
one well-
integrated
package
including:

Clean and Pragmatic
Design

URL mapper

Admin Interface etc.,

Architecture Followed by Django



Models and Views in Django

Models:



- ☐ The data access layer
- ☐ Containing anything and everything about data.
- ☐ Description of the data in your database
- ☐ Represented as Python code.

View:



- ☐ Simply a Python Function
- ☐ Takes a Web request and returns a Web response.
- ☐ Contains whatever arbitrary logic is necessary to return that response.

Installing Django

To install Django, either use:

`easy_install django`

Or

`pip install django`

If system is not having **easy_install**, then you can download Python setuptools package