

# Web Framework

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# What is django?

The web framework for perfectionists with deadlines.

- High Level Web Framework
- MTV Design Pattern
- Loosely Coupled
- Less Coding
- DRY: Don't Repeat Yourself

**Why Django ?**



## Membuat Program "Hello World"

### C++

```
#include <iostream>
using namespace std;
```

```
int main()
{
    cout << "Hello, World!";
    return 0;
}
```

### Visual Basic

```
public class form1
```

```
Overferences
Private Sub Button1_Click(sender As Object, e As
EventArgs) handles Button.1 Click
    MsgBox("Hello World")
End Sub
End Class
```

### ActionScript

```
package
{
    public class Greeter
    {
        public function sayHello():String
        {
            var greeting:String;
            greeting = "Hello World!";
            return greeting;
        }
    }
}
```

### Java

```
public class HelloWorld {

    public static void main(String[] args) {
        // Prints "Hello, World" to the terminal
        window.
        System.out.println("Hello, World");
    }
}
```

### Pascal























```
program HelloWorld;

begin
    writeln('Hello World');
end.
```

### Python

```
print("Hello World")
```

# Most Popular programming language 2017

Language Rank	Types	Spectrum Ranking
1. Python	 	100.0
2. C	  	99.7
3. Java	  	99.5
4. C++	  	97.1
5. C#	  	87.7
6. R		87.7
7. JavaScript	 	85.6
8. PHP		81.2
9. Go	 	75.1
10. Swift	 	73.7



# Ridiculously Fast

“

**from concept to completion  
as quickly as possible**

”



# Fully Loaded

- ORM
- Template
- URLs and View
- Admin Interface
- Authentication



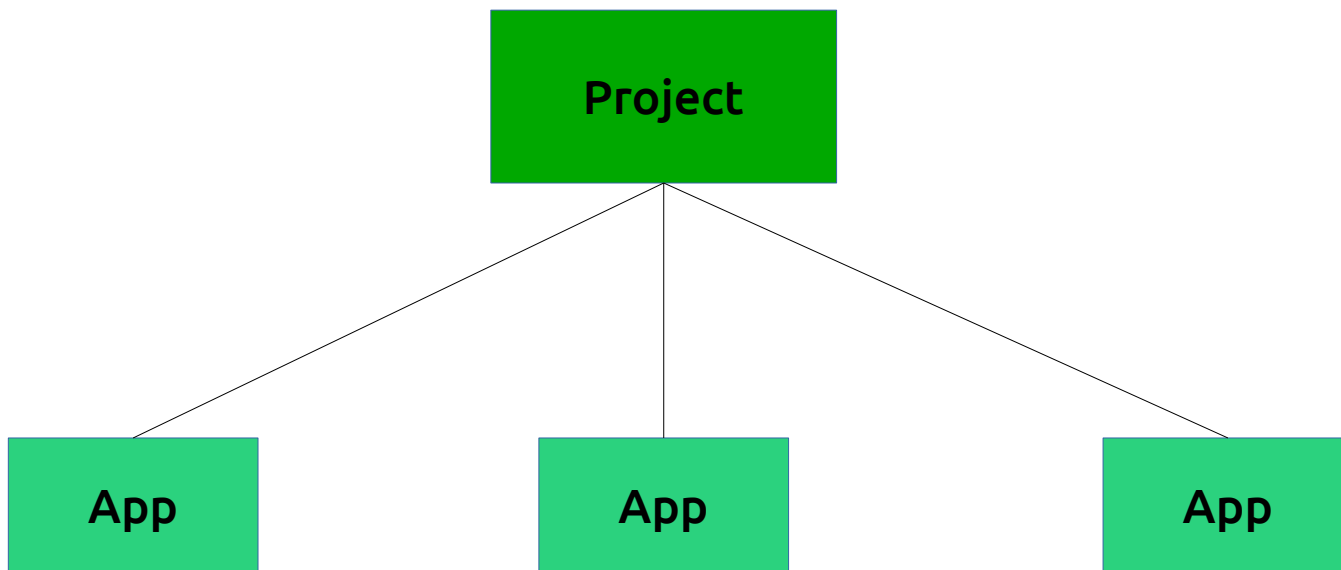


# Reassuringly secure

- XSS Protection
- Cross site request forgery (CSRF) protection
- SQL injection protection
- Clickjacking protection



**Exceedingly scalable**





**Incredibly versatile**

# Sites using Django



Instagram



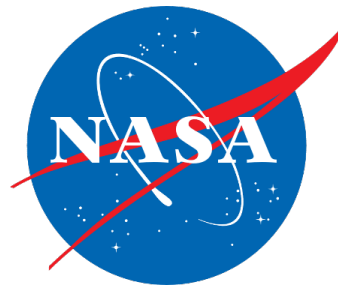
*Pinterest*

**moz://a**

 Bitbucket



NATIONAL  
GEOGRAPHIC



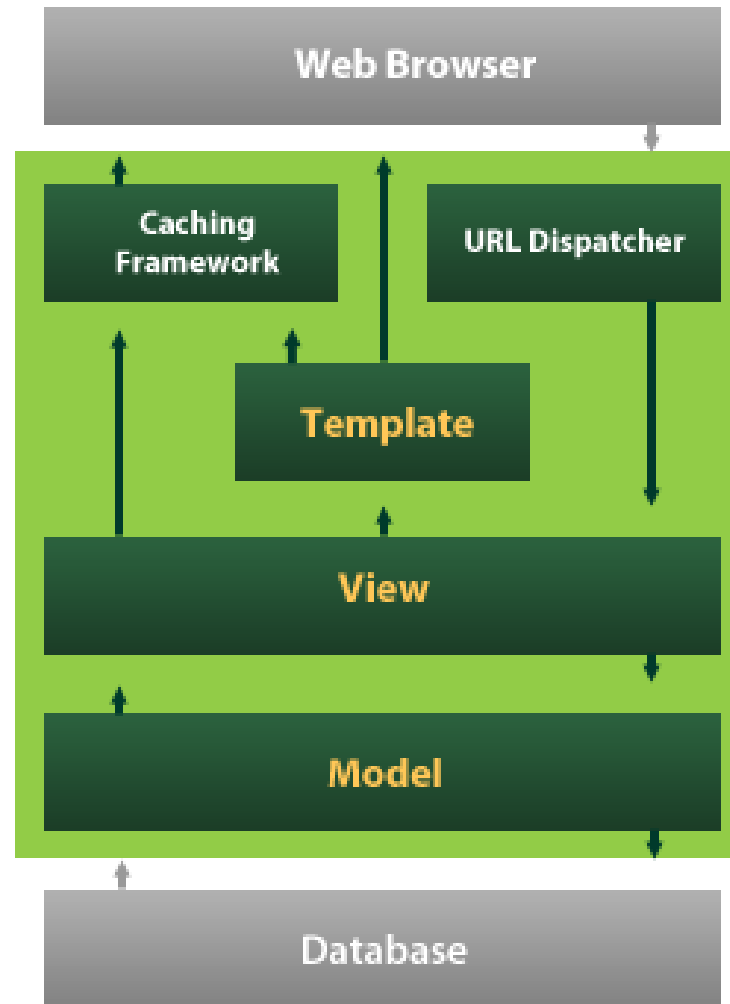
 openstack.®

# How to start ?

## Requirements

- Python Installed
- Python package manager
- Virtual Environment

# How does django works ?



**DEMO**



# **Personal Experiences**

- **Easy to Install**
- **Fast Development**
- **Deployment**
- **Build API**

**END**