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# **kobin Documentation**

***0.0.4-alpha.1***

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Kobin()PythonWebAPIKobin

- PEP 0484(Type Hints)
- 
- KobinWSGIJinja2



# Chapter 1







## Chapter 2

# Hello World

```
from kobin import
=

@app.route '^/(?P<name>\w*)$'
def hello      str
    return "Hello {}!!".

if      == '__main__'
    .
```



## Chapter 3

# Requirements

Kobin

- Python 3.5
- Jinja2
- gunicorn



# Chapter 4

## 4.1

### 4.1.1

pip

### 4.1.2 Web

*app.py*

```
from koin import  
  
    =  
.      .      'config.py'  
  
@app.route '^/$'  
def index  
    .      'key'   'value'  
    return      'index'  
  
if      == '__main__'
```

*config.py*

```
import os

BASE_DIR = os.path.dirname(
    os.path.dirname(os.path.abspath(__file__)))

STATIC_URL = 'static/'

STATICFILES_DIRS = (
    os.path.join(BASE_DIR, 'static'),
)

STATICFILES_FINDERS = (
    'django.contrib.staticfiles.finders.FileSystemFinder',
    'django.contrib.staticfiles.finders.AppDirectoriesFinder',
)

MIDDLEWARE_CLASSES = (
    'django.middleware.common.CommonMiddleware',
    'django.middleware.csrf.CsrfViewMiddleware',
    'django.contrib.auth.middleware.AuthenticationMiddleware',
    'django.contrib.sessions.middleware.SessionMiddleware',
)

ROOT_URLCONF = 'myproject.urls'

WSGI_APPLICATION = 'myproject.wsgi.application'

TEMPLATES = [
    {
        'BACKEND': 'django.template.backends.django.DjangoTemplates',
        'DIRS': [
            os.path.join(BASE_DIR, 'templates'),
        ],
        'APP_DIRS': True,
        'OPTIONS': {
            'context_processors': [
                'django.template.context_processors.debug',
                'django.template.context_processors.request',
                'django.contrib.auth.context_processors.auth',
                'django.contrib.messages.context_processors.messages',
            ],
        },
    },
]

DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.sqlite3',
        'NAME': os.path.join(BASE_DIR, 'db.sqlite3'),
    }
}

SECRET_KEY = 'django-insecure-4080000000000000000000000000000000000000000000000000000000000000'

AUTH_PASSWORD_VALIDATORS = [
    {
        'NAME': 'django.contrib.auth.password_validation.UserAttributeSimilarityValidator',
    },
    {
        'NAME': 'django.contrib.auth.password_validation.MinimumLengthValidator',
    },
    {
        'NAME': 'django.contrib.auth.password_validation.CommonPasswordValidator',
    },
    {
        'NAME': 'django.contrib.auth.password_validation.NumericPasswordValidator',
    },
]

LANGUAGE_CODE = 'en-us'

TIME_ZONE = 'UTC'

USE_I18N = True

USE_L10N = True

MEDIA_URL = '/media/'

MEDIA_ROOT = os.path.join(BASE_DIR, 'media')

DEFAULT_AUTO_FIELD = 'django.db.models.AutoField'

INSTALLED_APPS = (
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'myapp',
)

if __name__ == '__main__':
    os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'myproject.settings')
    from django.core.management import execute_from_command_line
    execute_from_command_line(sys.argv)
```

*static/index.html*

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>          </title>
  <link rel="shortcut icon" href="/static/favicon.ico">
  <link rel="stylesheet" href="/static/style.css">
</head>
<body>
  <header>
    <div class="container">
      <h1 style="color: #eeeeee">          </h1>
    </div>
  </header>
  <main>
    <div class="container">
      <p>          </p>
    </div>
  </main>
  <footer>
    <p style="text-align: center;">          </p>
  </footer>
</body>
</html>
```

*static/style.css*

```
body
  display:
  min-height: 100
  -direction:
  margin: 0

header
  background-color: #333333

main
  : 1

footer
  margin: 30px 0

.container
  max-width: 980px
  width: 100%
  margin: 0 auto
```

## 4.2 API

KobinAPI

#### **4.2.1 kobin**

#### **4.2.2 kobin.app**

#### **4.2.3 kobin.environs**

#### **4.2.4 kobin.exceptions**

#### **4.2.5 kobin.routes**

#### **4.2.6 kobin.server\_adapters**

#### **4.2.7 kobin.static\_files**

#### **4.2.8 kobin.templates**





## Chapter 5

- genindex
- modindex
- search



## **Chapter 6**

## **Statuses**