Flask - Python Web Framework

Flask is a lightweight WSGI web application framework in Python. It is designed with simplicity and flexibility in mind, making it ideal for small to medium-sized applications.

Key Features:

1. Lightweight and modular design.

2. Integrated support for unit testing.

3. Built-in development server and debugger.

4. RESTful request dispatching.

5. Support for secure cookies (client-side sessions).

6. Extensive documentation and large community.

7. Easy integration with databases via SQLAlchemy or other ORMs.

Basic Example:

```
from flask import Flask

app = Flask(__name__)


@app.route('/')

def hello_world():

    return 'Hello, World!'


if __name__ == '__main__':

    app.run(debug=True)
```

Use Cases:

- Building REST APIs.

- Serving dynamic content.

- Prototyping and MVP development.

- Backend for mobile/web apps.

Flask is extensible and has a rich ecosystem of extensions for authentication, form validation, ORM, and more.