

Localserve

Overview

Localserve is a lightweight local server built with Flask, designed to quickly serve static files and dynamic templates.

It's a minimal starting point for small projects, demos, or testing web applications locally.

■ Features

- Serve static files (CSS, JS, images, etc.)
- Render dynamic HTML pages using Jinja2 templates
- Simple and minimal Flask setup – easy to extend
- Developer-friendly structure

■ Project Structure

Localserve/

- app.py # Main Flask application
- templates/ # Jinja2 HTML templates
- ■■■ index.html
- static/ # Static assets (CSS, JS, images)
- README.md # Documentation (this file)

■■ Installation

1. Clone the repository:
git clone https://github.com/KalaGhoda11/Localserve.git
cd Localserve

2. (Optional) Create a virtual environment:
python -m venv venv
source venv/bin/activate # Linux/macOS
venv\Scripts\activate # Windows

3. Install dependencies:
pip install -r requirements.txt
(If missing, run: pip install flask)

4. Run the server:
python app.py

5. Open your browser at:
http://127.0.0.1:5000

■ Usage

- Modify routes in app.py to add new endpoints
- Add HTML templates under templates/
- Store static files (CSS/JS/images) under static/

Example

```
<link rel="stylesheet" href="{ { url_for('static', filename='css/style.css') } }">
```

■■ Customization

Change Flask server settings in app.py:

```
if __name__ == "__main__":  
    app.run(host="0.0.0.0", port=5000, debug=True)
```

■ Contributing

1. Fork the repo
2. Create a new branch (feature/new-feature)
3. Commit changes
4. Push and open a Pull Request

■ License

This project is licensed under the MIT License.

■ Author

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