

New CodingBot

An intelligent Python automation and AI toolkit.

License Python Build Coverage PyPI

Project Logo

Project Overview

New CodingBot is a modular Python automation toolkit with advanced CI/CD, PyPI publishing, and development tooling. It is designed to be extensible, robust, and beginner-friendly.

Screenshots

Add your project images here:

```
assets/
├── logo.png
├── screenshot-1.png
└── screenshot-2.png
```

Features

- Modular automation framework
- GitHub Actions CI/CD
- Automatic PyPI publishing
- Well-structured Python package
- Pre-configured dev environment with linting & type checks

Installation

From PyPI

```
pip install codingbot
```

From Source

```
git clone https://github.com/goivisomeswararao-lav/New-CodingBot.git
cd New-CodingBot
pip install -e .
```

Usage

```
from codingbot import Bot  
  
bot = Bot()  
bot.run()
```

Development

Install dependencies

```
pip install -r requirements.txt
```

Running Tests

```
pytest
```

Code Quality

- Black formatting: `black .`
- Flake8 linting: `flake8 .`
- Mypy type checking: `mypy .`

API Documentation

- Coming soon: detailed module-level API docs
- Auto-generated via Sphinx or MkDocs

Roadmap

- [] Add CLI
- [] AI-assisted code generation
- [] Improve test coverage
- [] Add Docker image support
- [] Expand documentation with examples

PyPI Publishing

- Automatic via GitHub Actions on tag push
- Builds wheel & source distribution
- Artifacts uploaded to GitHub Releases

Contributing

Contributions are welcome! Please open issues or submit pull requests.



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