

Contributing to Code Agent

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1 Contributing

We welcome contributions from the community! Whether you're fixing a bug, adding a new feature, or improving documentation, your help is appreciated. Please read the following guidelines to get started.

1.1 Development Setup

1. **Fork and Clone:** Fork the repository on GitHub, then clone your fork locally.

```
git clone https://github.com/your-username/code_agent.git  
cd code_agent
```

2. **Create a Virtual Environment:** We recommend using uv to create and manage your virtual environment.

```
uv venv  
source .venv/bin/activate
```

3. **Install Dependencies:** Install the package in editable mode with all development dependencies.

```
uv pip install -e .[dev]
```

1.2 Code Style & Linting

We use `ruff` for linting and formatting. Before committing your changes, please run the following command to ensure your code adheres to the project's style guidelines.

```
ruff check --fix .
ruff format .
```

- All public functions, classes, and methods should have clear docstrings.
- Follow standard Python naming conventions (PEP 8).

1.3 Testing

The project uses `pytest` for testing.

- Run all tests:

```
pytest
```

- Run tests with coverage:

```
pytest --cov=code_agent
```

Please add tests for any new features or bug fixes to ensure that the codebase remains stable and reliable.

1.4 Submitting a Pull Request

1. Create a new branch for your feature or bugfix.

```
git checkout -b my-new-feature
```

2. Make your changes, add tests, and ensure all checks pass locally.
3. Commit your changes with a clear and descriptive commit message.
4. Push your branch to your fork on GitHub.

```
git push origin my-new-feature
```

5. Open a Pull Request from your fork to the main `code_agent` repository.

6. In the PR description, please explain the changes you have made and reference any related issues.
7. Ensure that all automated CI checks pass on your PR.

Thank you for contributing!