<> Code   ⊙ Issues 1   ⑂ Pull requests   ⊘ Security   📈 Insights

e2b-cookbook / guides / **ai-github-developer-py** / 🗗   ⋯

| 👤 **tizkovatereza** Update error printing ✓ | 🕐 40099e8 · 1 hour ago | 🕘 History | ⋯ |

Name	Name	Last commit date
📁 ..		
📁 ai_github_developer	Update error printing	1 hour ago
📁 assets	Compress gifs	yesterday
📁 guide	Final touch - guide	2 hours ago
📄 .env.example	Update	2 days ago
📄 README.md	Compress gifs	yesterday
📄 poetry.lock	Update	2 days ago
📄 pyproject.toml	Update poetry settings, readme …	2 days ago

README.md ☰

AI developer connected to GitHub and its own cloud sandbox

```
  terezatizkova@terezas-macbook-air ai-github-developer-py % poetry run start
    🤖 AI developer
    ✅ GitHub token loaded

    Logging into GitHub...
    ✅ Logged in

    What GitHub repo do you want to work in? Specify it like this: your_username/your_repo_name.
    > tizkovatereza/tt-app

    🔄 Cloning the repo...

    [Sandbox] Cloning into '/home/user/repo'...

    🤖 The AI developer is working in the cloned repo

    What do you want to do?
    > This repo is a nextjs 14 app. I want to create a basic todo app. Add necessary pages, components, and other logic to
```

A custom AI assistant that can clone any GitHub repository to its remote cloud environment, work on the repo there, and then make pull request to GitHub.

The AI developer uses E2B sandboxes for the remote execution of tasks.

Features

- Works directly any GitHub repository and makes a PR once done
- AI can clone the repo and edit, read, and write files
- Controllable from your terminal
- Powered by GPT-4-Turbo
- Runs in secure cloud sandbox by E2B

How to start

1. Clone this repository
2. Open the e2b-cookbook/guides/ai-github-developer-py directory
3. Install dependencies:

```
poetry install
```

4. Rename `.env.example` to `.env` and set up the `OPENAI_API_KEY` key and the `E2B_API_KEY` key. You can get `E2B_API_KEY` at https://e2b.dev/docs/getting-started/api-key

5. Run `poetry run create-ai-assistant` if you don't have an assistant yet

6. Get the assistant ID from the console output and set it in the `.env` file as `AI_ASSISTANT_ID`

7. Start the app:

```
poetry run start
```