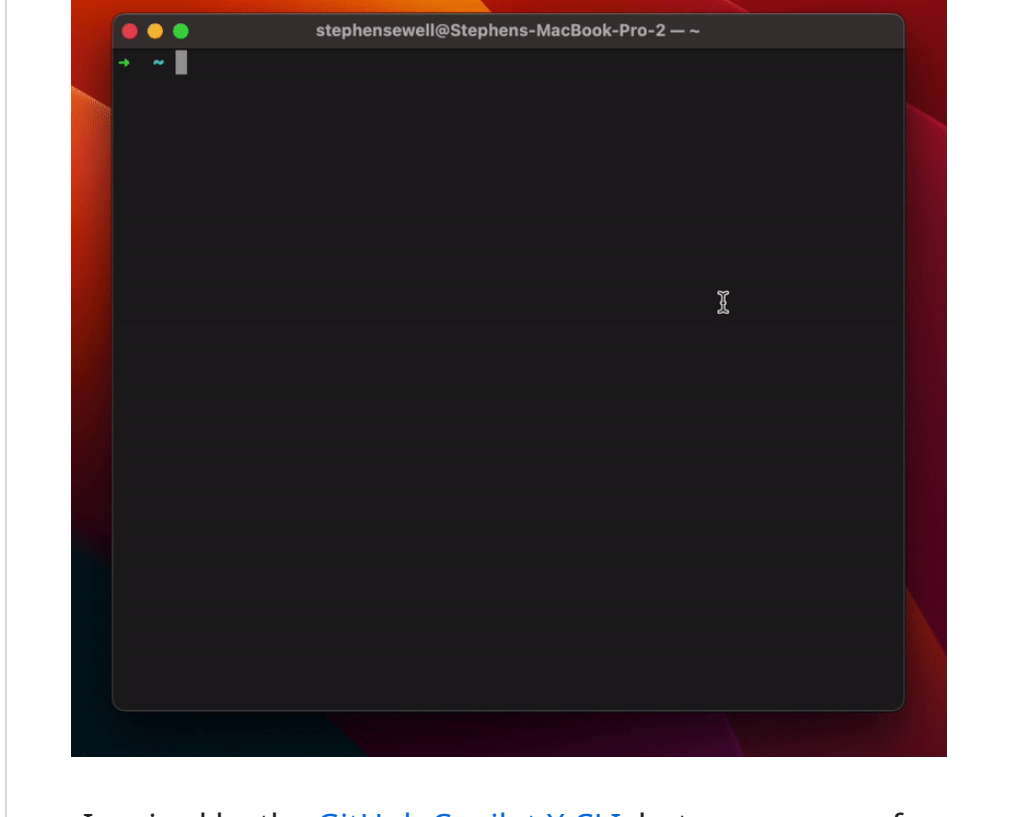
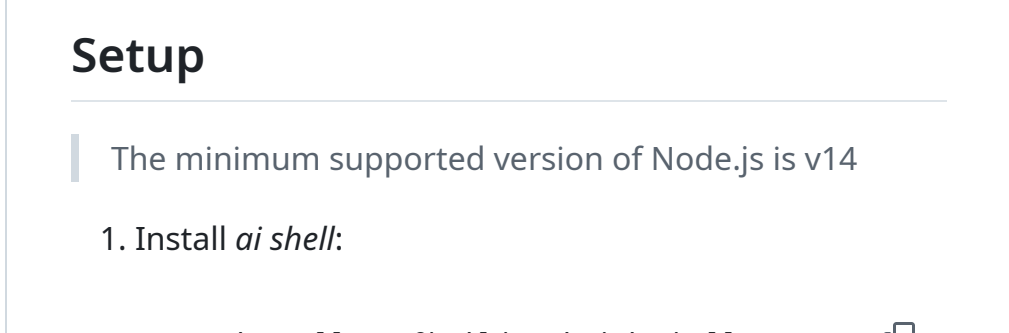


steve8708	Merge pull request #1...	fcdfce6 · 3 weeks ago
.github/workflows	Add linting to PR che...	2 years ago
.vscode	lint	2 years ago
src	fix wrong terms in z...	10 months ago
.eslintrc.cjs	Add eslint	2 years ago
.gitignore	Update README.md	3 months ago
.npmrc	Updates	2 years ago
.prettierrc.json	Init	2 years ago
CHANGELOG.md	changelog	last year
CONTRIBUTING.md	Basic markdown err...	last year
LICENSE	Create LICENSE	2 years ago
README-zh-Hans.md	use gpt-4o-mini inst...	last year
README.md	Update README.md	last year
package-lock.json	1.0.12	last year
package.json	1.0.12	last year
tsconfig.json	Init	2 years ago



A CLI that converts natural language to shell commands.



Inspired by the [GitHub Copilot X CLI](#), but open source for everyone.

AI Shell

Setup

The minimum supported version of Node.js is v14

1. Install *ai shell*:

```
npm install -g @builder.io/ai-shell
```

2. Retrieve your API key from [OpenAI](#)

Note: If you haven't already, you'll have to create an account and set up billing.

3. Set the key so ai-shell can use it:

```
ai config set OPENAI_KEY=<your token>
```

This will create a `.ai-shell` file in your home directory.

Usage

```
ai <prompt>
```

For example:

```
ai list all log files
```

Then you will get an output like this, where you can choose to run the suggested command, revise the command via a prompt, or cancel:

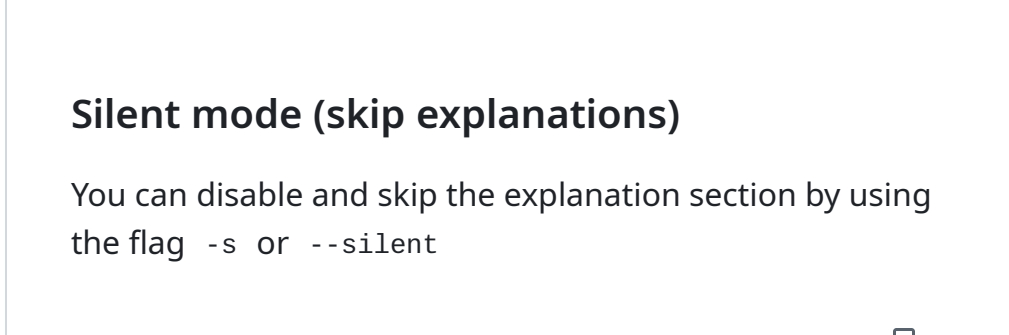
```
◇ Your script:
| find . -name "*.log"
|
◇ Explanation:
| 1. Searches for all files with the extension
|
◆ Run this script?
| • [x] Yes (Lets go!)
|   ○ [ ] Revise
|   ○ [x] Cancel
|
```

Special characters

Note that some shells handle certain characters like the `?` or `*` or things that look like file paths specially. If you are getting strange behaviors, you can wrap the prompt in quotes to avoid issues, like below:

```
ai 'what is my ip address'
```

Chat mode



```
ai chat
```

With this mode, you can engage in a conversation with the AI and receive helpful responses in a natural, conversational manner directly through the CLI:

```
└─ Starting new conversation
  ◇ You:
  | how do I serve a redirect in express
  |
  ◇ AI Shell:

In Express, you can use the `redirect()` method

Here's an example:

```js
app.get('/oldurl', (req, res) => {
 res.redirect('/newurl');
});
```
```

Silent mode (skip explanations)

You can disable and skip the explanation section by using the flag `-s` or `--silent`

```
ai -s list all log files
```

or save the option as a preference using this command:

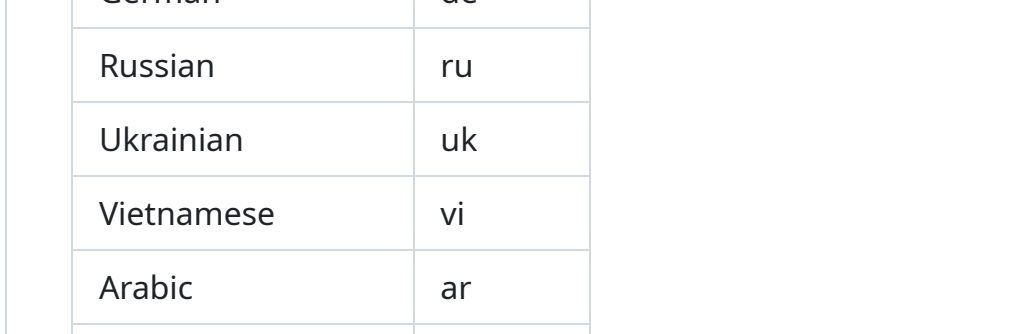
```
ai config set SILENT_MODE=true
```

Custom API endpoint

You can custom OpenAI API endpoint to set `OPENAI_API_ENDPOINT` (default: `https://api.openai.com/v1`)

```
ai config set OPENAI_API_ENDPOINT=<your proxy >
```

Set Language



The AI Shell's default language is English, but you can easily switch to your preferred language by using the corresponding language keys, as shown below:

| Language | Key |
|---------------------|---------|
| English | en |
| Simplified Chinese | zh-Hans |
| Traditional Chinese | zh-Hant |
| Spanish | es |
| Japanese | jp |
| Korean | ko |
| French | fr |
| German | de |
| Russian | ru |
| Ukrainian | uk |
| Vietnamese | vi |
| Arabic | ar |
| Portuguese | pt |
| Turkish | tr |

For instance, if you want to switch to Simplified Chinese, you can do so by setting the `LANGUAGE` value to `zh-Hans`:

```
ai config set LANGUAGE=zh-Hans
```

This will set your language to Simplified Chinese.

Config UI

To use a more visual interface to view and set config options you can type:

```
ai config
```

To get an interactive UI like below:

```
◆ Set config:
|   ○ OpenAI Key
|   ○ OpenAI Endpoint
|   ○ Silent Mode
|   • Model (gpt-4o-mini)
|   ○ Language
|   ○ Cancel
|
```

Upgrading

Check the installed version with:

```
ai --version
```

If it's not the [latest version](#), run:

```
npm update -g @builder.io/ai-shell
```

Or just use AI shell:

```
ai update
```

Common Issues

429 error

Some users are reporting a 429 from OpenAI. This is due to incorrect billing setup or excessive quota usage. Please follow [this guide](#) to fix it.

You can activate billing at [this link](#). Make sure to add a payment method if not under an active grant from OpenAI.

Motivation

I am not a bash wizard, and am dying for access to the copilot CLI, and got impatient.

Contributing

If you want to help fix a bug or implement a feature in [Issues](#) (tip: look out for the `help wanted` label), checkout the [Contribution Guide](#) to learn how to setup the project.

Credit

- Thanks to GitHub Copilot for their amazing tools and the idea for this.
- Thanks to Hassan and his work on [aicommits](#), which inspired the workflow and some parts of the code and flows

About

A CLI that converts natural language to shell commands.

ai

Readme

MIT license

Contributing

Activity

Custom properties

5.1k stars

29 watching

364 forks

Report repository

Releases

51 tags

Packages

No packages published

Contributors28

+ 14 contributors

Languages

TypeScript 97.8%

JavaScript 2.2%