

ALX_AIDV

#doinghardthings

Exploring AI-Native IDEs - Simple REST API

Scaffold folder structure: Create simple REST API with endpoints

Let's create a simple REST API application in the folder simple_rest_api and scaffold two endpoints GET /items, POST /items

I'll help you create a simple REST API application with the two endpoints you requested. Let me start by creating the folder structure and then implement the API endpoints.

mkdir simple_rest_api

(base) PS C:\Users\ogech\Documents\ALX_AIDEV> mkdir simple_rest_api

Directory: C:\Users\ogech\Documents\ALX_AIDEV

AI prompt

Mode	LastWriteTime	Length	Name
d----	2025-08-29 3:33 PM		simple_rest_api

(base) PS C:\Users\ogech\Documents\ALX_AIDEV>

Now let me create the necessary files for a simple REST API. I'll create a Node.js application with Express:

package.json +20 ✓

server.js +92 ✓

Now let me create a README file with instructions on how to use the API:

README.md +122 ✓

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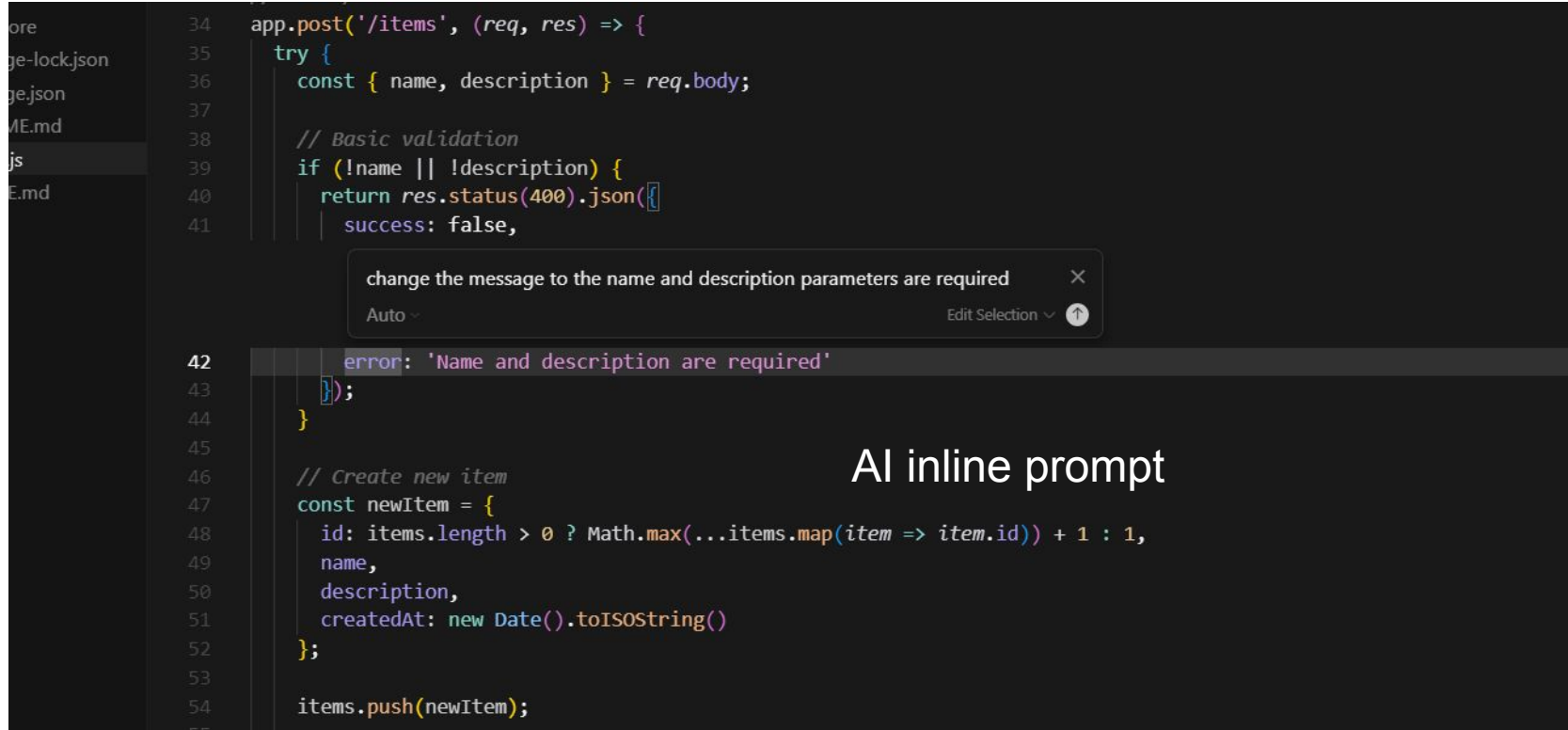
The screenshot displays an AI-Native IDE interface with a dark theme. The main editor shows a JavaScript file named `server.js` for a simple REST API. The code includes Express.js setup, CORS configuration, and an in-memory database of items. A large, semi-transparent text overlay in the center reads "AI response".

On the right side, a sidebar titled "Create simple REST API with endp" provides AI-generated suggestions and commands:

- Let's create a simple REST API application in the folder `simple_rest_api` and scaffold two endpoints `GET /items`, `POST /items`.
- + `CategoryInfo` : `ParserError: (:) [], Parer`
- (base) `PS C:\Users\ogech\Documents\ALX_AIDEV>`
- Let me fix the PowerShell command syntax:
- `cd simple_rest_api`
- (base) `PS C:\Users\ogech\Documents\ALX_AIDEV> cd simple`
- (base) `PS C:\Users\ogech\Documents\ALX_AIDEV\simple_rest`
- `npm install`
- found 0 vulnerabilities
- (base) `PS C:\Users\ogech\Documents\ALX_AIDEV\simple_rest_ap`

At the bottom, a status bar shows "0 Agents", "main", and "0 0 0". The bottom right corner indicates the current file is `node simple...` at line 5, column 35.

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The screenshot shows a code editor with a dark theme. On the left, a file explorer lists files: 'ore', 'ge-lock.json', 'ge.json', 'ME.md', 'js', and 'E.md'. The main editor displays a JavaScript file with the following code:

```
34 app.post('/items', (req, res) => {
35   try {
36     const { name, description } = req.body;
37
38     // Basic validation
39     if (!name || !description) {
40       return res.status(400).json({
41         success: false,
```

An AI inline prompt is visible, showing a suggestion to change the error message:

```
change the message to the name and description parameters are required
```

Below the prompt, the code continues with the error handling and item creation logic:

```
42     error: 'Name and description are required'
43   });
44 }
45
46 // Create new item
47 const newItem = {
48   id: items.length > 0 ? Math.max(...items.map(item => item.id)) + 1 : 1,
49   name,
50   description,
51   createdAt: new Date().toISOString()
52 };
53
54 items.push(newItem);
```

The text "AI inline prompt" is overlaid on the right side of the code editor.

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```
34 app.post('/items', (req, res) => {
35   try {
36     const { name, description } = req.body;
37
38     // Basic validation
39     if (!name || !description) {
40       return res.status(400).json({
41         success: false,
```

change the message to the name and description pa... Reject Ctrl+Shift+⌘ Accept Ctrl+

Add a follow-up

Auto Edit Selection

```
42     error: 'Name and description are required'
43     error: 'The name and description parameters are required'
44   };
45 }
46
47 // Create new item
48 const newItem = {
49   id: items.length > 0 ? Math.max(...items.map(item => item.id)) + 1 : 1,
50   name,
51   description,
52   createdAt: new Date().toISOString()
53 }.
```

AI inline response