

Recipe for Creating a New Hardhat Project

Ingredients

- Terminal/Command Prompt
- Node.js and npm installed on your computer

Steps

1. Create a new project directory
 - Make a new, empty folder for your project
 - Ensure it's not nested inside another project directory
 - Example: Create a folder named "my-hardhat-project"
2. Navigate to the project directory
 - Open your terminal
 - Use the cd command to enter your new folder
 - Example: `cd my-hardhat-project`
3. Initialize a new npm project
 - Run: `npm init`
 - Press enter to accept the default settings for each prompt
4. Install Hardhat
 - Run: `npm install --save-dev hardhat`
5. Run Hardhat initialization
 - Run: `npx hardhat`
 - Choose "Create a JavaScript project" or "Create a TypeScript project"
 - Recommended: Choose not to install the example project
6. Verify the config file exists
 - Check that `hardhat.config.js` (or `.ts`) was created in your project root
 - If not, manually create it
7. Test your setup
 - Run: `npx hardhat compile` (to check compilation works)
 - Run: `npx hardhat test` (to verify testing environment)

Troubleshooting Tips

- If you get dependency errors: Start over in a brand new directory
- If you get Error H203: Make sure you're not in an existing Hardhat project
- If no tests are found: Check for `.mocharc.json` file and that your test directory contains test

files