

Getting Started

Using the JS SDK on Windows You can develop smart contracts on Windows using Windows Subsystem for Linux (WSL2). In order to use WSL2, follow the next steps:

- RunPowerShell
- as Administrator
- Executewsl --install
- to install Ubuntu and do additional setup automatically. Check more details[here](#)
- Restart your machine
- WSL2
- will continue setup process on start. Setup your username and password when prompted.
- Check[this](#)
- guide to setupnpm
- ,node
- ,npx
- ,VSCode
- and other tools of your choice in order to start developing.

In case of any issues of setting up WSL2 make sure that:

- Your Windows OS is up to date
- Virtualisation is turned on in BIOS
- Windows Subsystem for Linux
- andVirtual Machine Platform
- are turned on inWindows Features
- (Start -> Search -> Turn Windows Feature On or Off)

Install Node

To install Node, follow the instructions on the[Node.js website](#) .

Create a new project

The best way to create a new NEAR app connected with a frontend is through[create-near-app](#) . When initializing the project, be sure to select creating a project in TypeScript with a frontend option of your choice.

npx create-near-app If you only wish to develop and deploy a JS contract, the[hello-near-ts](#) repository is great to use as a template or one of the[examples in the SDK repository](#) .

If you would like to generate a new project manually withnpm init , make sure you include the following configuration in the generatedpackage.json :

```
"dependencies": { "near-sdk-js": "*" } Edit this page Last updatedonFeb 8, 2024 bymatiasbenary Was this page helpful? Yes No
```

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