

# Using Node Version Manager (NVM) for Linux/macOS

Switching npm versions is typically done by switching Node.js versions, as npm is bundled with Node.js. The recommended method for managing multiple Node.js (and thus npm) versions is through a Node Version Manager (NVM).

## Using Node Version Manager (NVM) for Linux/macOS:

Install NVM.

Code

```
curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.39.7/install.sh | bash
```

(Note: The version in the URL might need to be updated to the latest stable NVM version.) Verify NVM Installation.

Code

```
command -v nvm
```

## Install a specific Node.js version (which includes its bundled npm):

Code

```
nvm install <version_number>
```

For example, to install Node.js version 18.12.1:

Code

```
nvm install 18.12.1
```

List installed Node.js versions.

```
Code
```

```
nvm ls
```

**Switch to a specific Node.js version:**

```
Code
```

```
nvm use <version_number>
```

For example, to switch to Node.js version 18.12.1:

```
Code
```

```
nvm use 18.12.1
```

## Using NVM for Windows:

**Uninstall existing Node.js:** Before installing NVM for Windows, uninstall any current Node.js installations.

**Download and install NVM for Windows:** Download the installer from the official NVM for Windows GitHub repository.

**Install a specific Node.js version:**

Code

```
nvm install <version_number>
```

### Switch to a specific Node.js version:

Code

```
nvm use <version_number>
```

### Updating npm separately (less common):

If you need a specific npm version that is different from the one bundled with your current Node.js version, you can install it globally:

Code

```
npm install -g npm@<version_number>
```

For example, to install npm version 9.8.1:

Code

```
npm install -g npm@9.8.1
```

However, using NVM to manage Node.js versions is generally the preferred approach as it ensures compatibility between Node.js and its bundled npm

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