Appendice

Web development

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NVM

Node version manager

What is NVM

NVM is an open source version manager for Node.js which allows users to easily install different versions of Node and switch between them.

Node changes quickly, so testing applications with different versions is often difficult. Also, some legacy applications might require a specific version of Node. NVM also simplifies the installation and compilation process because Node versions no longer have to be obtained directly.

Installing

note: if you have Node installed you might need to uninstall it before installing NVM.

For windows: https://github.com/coreybutler/nvm-windows
For mac and unix: https://github.com/nvm-sh/nvm

Using NVM

```
// Install the latest version of node
nvm install latest

// Install a specific version
nvm install 16.6.2
nvm install 14.17.5

// See which versions of node are installed
nvm list

// Choose which version of node to use
nvm use 16.6.2

// List all nvm commands
nvm

// check nvm version
nvm version
```

Node.js

Back-end JavaScript runtime environment

What is Node.js

Node.js or simply *Node*, is an open-source server side runtime environment used to develop server-side applications using JavaScript.
- Built on Chrome's V8 JavaScript engine
- Provides an event driven, non-blocking (asynchronous) I/O
- A cross-platform runtime environment
- Highly scalable

Installing

The easiest way to install and maintain Node is using a version manager such as NVM however you can also install it directly.

Download Node
You usually want to install the *LTS* version for long term applications or *Current* if you need the latest features.

Node Releases
Always check the releases page to decide which version to install. You normally want to install the *Active* version unless the *Current* version will become active soon.

```
// check node version
node -v

// check npm version
npm -v
```

References

NVM

[GitHub - nvm-windows](#)
[GitHub - nvm-sh/nvm](#)

Node

[Download Node](#)
[Node Releases](#)