NVM

Node Version Manager *Cheat-sheet v1.0*

Bash script to manage multiple active node.js versions

One-time Installation

```
$ curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.40.4/install.sh | bash
```

NOTE: `v0.40.4` was the latest version at the point of publishing. Replace it with the latest version.

- Creates a `~/.nvm` folder in the home directory.
- Updates the `~/.bashrc` **Linux** (`~/.zshrc` **macOS**) script with the configuration to run `nvm`.

```
$ source ~/.bashrc                          Linux
```

```
% source ~/.zshrc                          macOS
```

- Refreshes the terminal session to use the updated configuration.

Node.js installation

```
$ nvm install node
```

- Installs the latest version of Node.js in `~/.nvm/versions/node`
- First installed version becomes the default

```
$ nvm install --lts
```

- Installs the latest LTS (long-term support) version

```
$ nvm install 22.22.1
```

- Installs the Node.js version 22.22.1

```
$ nvm alias default <version>
```

- Changes the default to a different version
- Aliases other than "default" can be used

Usage

```
$ nvm use node [--lts]
```

- Uses the latest version of Node.js in the shell
- Specify `--lts` to use the latest LTS version

```
$ nvm run [<version>] [<args>]
```

- Runs a specific version of Node (`<version>` is optional)
- Specify arguments to Node at the end of the command

Miscellaneous

```
$ nvm -v
> 0.40.4
```

- Verify that the installation was successful by checking the version number of the installed `nvm`

```
$ nvm ls
```

- Lists installed versions of Node.js

```
$ nvm ls-remote
```

- Lists versions available for installation

```
$ nvm uninstall <version>
```

- Uninstalls the specified version

```
$ nvm unalias <alias>
```

- Deletes the alias

```
$ nvm which <version>
```

- Gets the path of the executable

```
$ nvm current
```

- Displays currently activated version of Node

Notes
- The alias node refers to the latest version of Node.js
- Version number can be specified with or without the leading "v".