ZSH - Auto Select Node Version

# Script

# n auto select nodejs version hook

autoload -U add-zsh-hook

select-node-version() {

if [[ -f .nvmrc && -r .nvmrc ]] || \

[[ -f .node-version && -r .node-version ]] || \

[[ -f .n-node-version && -r .n-node-version ]] || \

[[ -f package.json && -r package.json ]]; then

n auto -q &>/dev/null

local change=$?

elif [[ ! $(node -v) =~ $(n --lts) ]]; then

n lts -q &>/dev/null

local change=$?

fi

if [[ $change ]]; then

echo "Node $(node -v)"

fi

}

add-zsh-hook chpwd select-node-version

select-node-version

# Detail

#### Automatically Select NodeJS Version in Zsh Shell using 'n'

##### Install n

Install [n](<https://github.com/tj/n>) NodeJS version manager ensuring it is a local install for user, so it doesn’t require sudo.

For example, on linux distros:

```sh

curl -L https://git.io/n-install | bash

```

#### Add Script

Append the above code snippet to your .zshconfig file, making sure it is after the 'n' setup commands which are added during install.

The script will:

- Add a hook to check for node version config file in the current directory after each dir change. If:

- Config file present - 'n' will attempt to auto install and switch to the required node version

- No config file - 'n' will switch to current NodeJS lts if it is not already the current version

##### Notes

- Assumes you are using [Zsh](<https://ohmyz.sh/>) shell