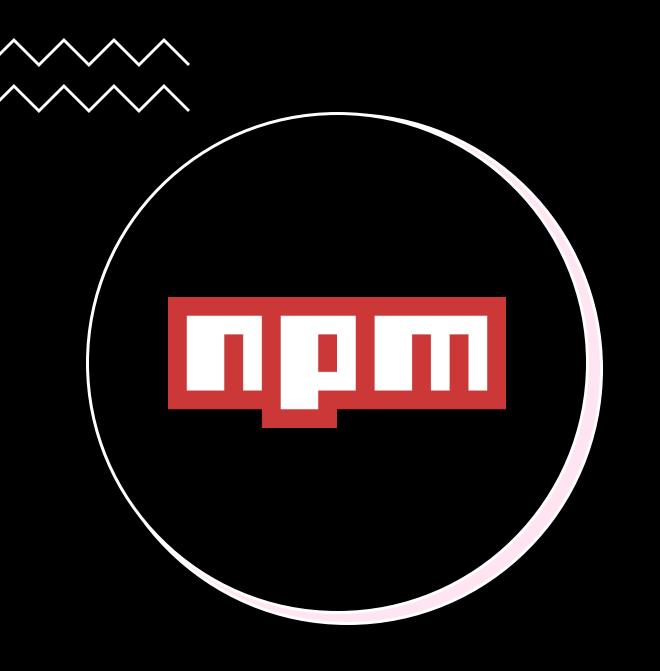


NODE PACKAGE MANAGER

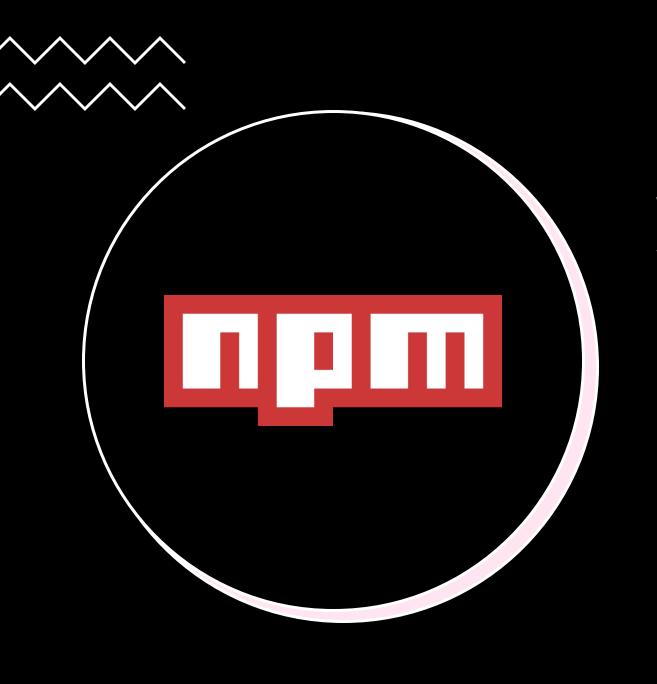
(NPM)



Every Node application has a package.json file that includes metadata about the application. This includes the name of the application, its version, dependencies, etc

\$npm init --yes



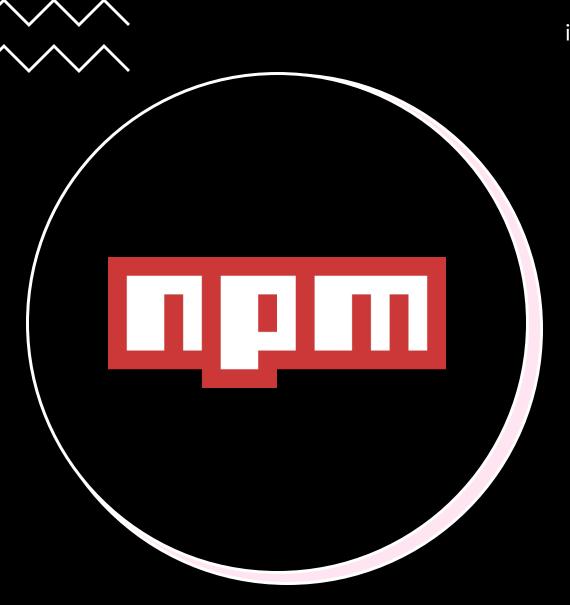


We use NPM to download and install 3rd-party packages from NPM registry

npm i underscore







index.js

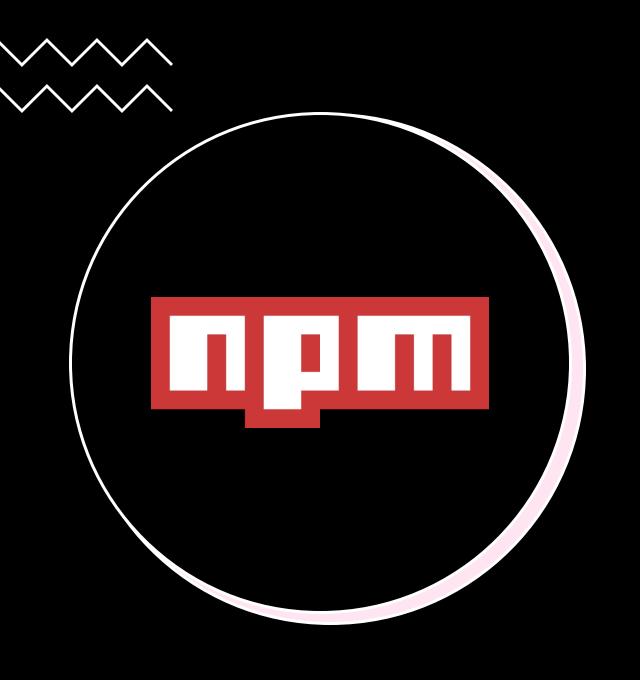
```
var _ = require('underscore');
var result = _.contains([1, 2, 3], 2);
console.log(result);
```

```
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

PS C:\NodeJS Course\demo> node index.js

true
```





All the installed packages and their dependencies are stored under node_modules folders. This folder should be excluded from the source control



The git init command create an empty Git repository or reinitialize an existing one

The git status command is used to display the state of the repository and staging area

```
PS C:\NodeJS_Course\demo> git init
Initialized empty Git repository in C:/NodeJS_Course/demo/.git/
PS C:\NodeJS_Course\demo> git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        index.js
        node_modules/
        package-lock.json
        package.json

nothing added to commit but untracked files present (use "git add" to track)
```



Create file .gitignore and add into node_modules/

Run the command git status



Useful NPM commands

- Install a packagenpm i <packageName>
- Install a specific version of a package npm i <packageName>@<version>
- Install a package as a development dependency npm i <packageName> —save-dev
- Uninstall a packagenpm un <packageName>
- List installed packages
 npm list —depth=0
- View outdated packages npm outdated
- Update packages npm update
- To install/uninstall packages globally, use -g flag