

NPM: Node Package Manager



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Why NPM?

**Share code with
other developers**

**Re-use own code
in other projects**

**Use code written
by others**



Code Sharing

Composability



Team Work

Versions



NPM revolutionized the way
JavaScript developers work

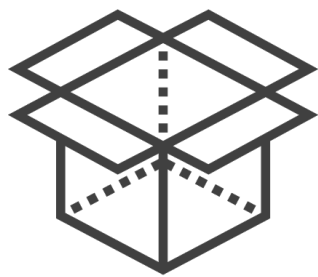


What is a Package Manager?

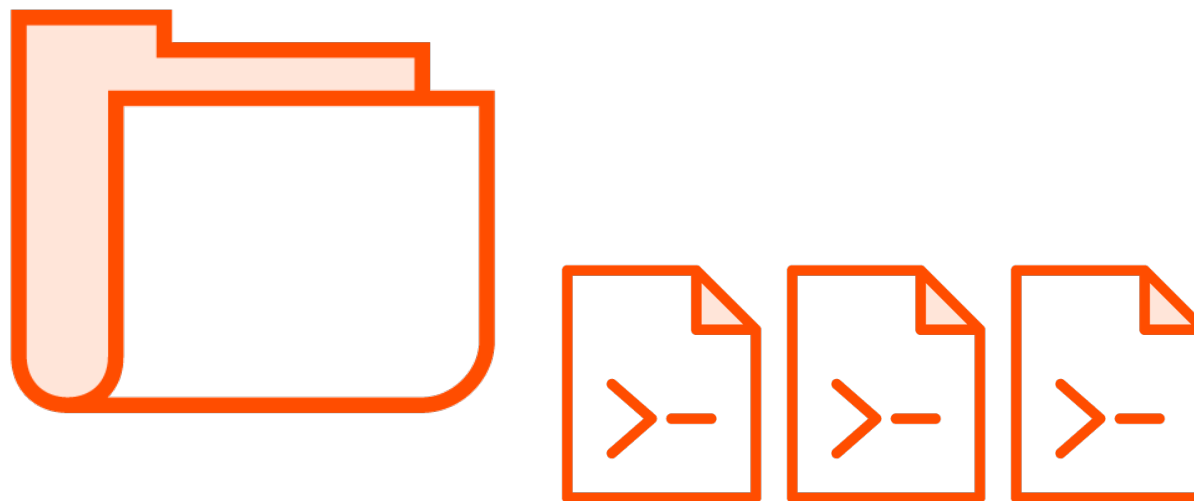


What is a Package?

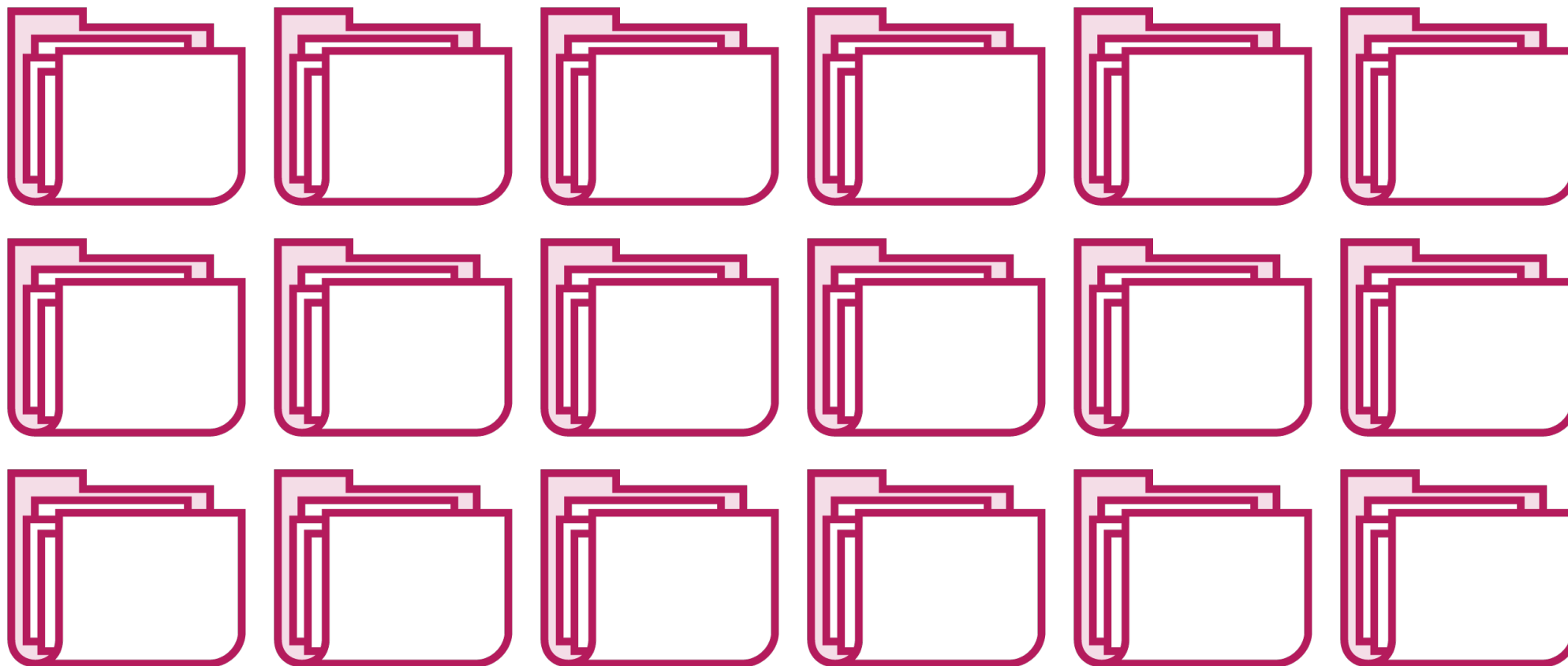




Package (AKA Module)



Managing Packages



What Exactly is NPM?



The NPM Command



The package.json/package-lock.json Files



Semantic Versioning (SemVer)





4.2.0

Major
Breaking Changes

Minor
Backward Compatible

Patch
Bug Fixes



~ 1.2.3

1.2.4

1.2.5

1.3.0



^ 1.2.3

1.3.0

1.4.5

2.0.0



Installing and Using NPM Packages



Creating and Publishing an NPM Package



NPX and the NPM Run Scripts



Updating NPM Packages



npm update



Wrap Up



Yarn (yarnpkg.org)

Why NPM

The npm command

package.json & package-lock.json

Semantic versioning

Local and global installs

Using npm packages in Node

Creating and publishing packages

NPX and run-scripts

Updaing packages



Next Up



Node.js Concurrency

