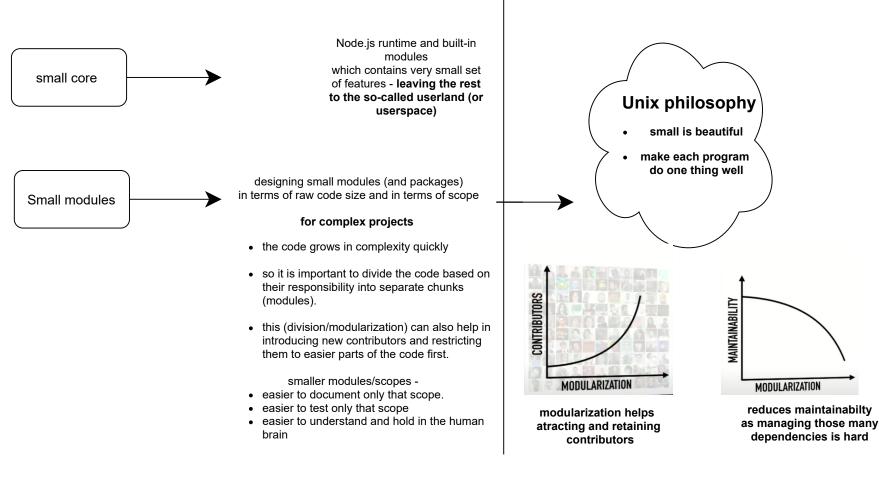
The node.js philosophies





(also the packages can be used in the **dependency-chain** both vertically and horizontally)

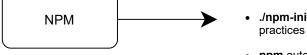
updating the whole chain mannualy

- is a repetitive and cumbersome task and also error-prone and
 - also error-pro costly

SOLUTION

semantic and automatic releases semantic versioning tells other packages what kind of changes the package contains

to solve the dependency hell problem by making sure that two (or more) packages depending on different versions of the same package will use their own installations



- ./npm-init.js enforces liscense and best
- npm automaticaly syncs with git

<u>OFFLINE</u>

- npm global cache at .npm/
- npm offline -> npm install --cache-min 999999
- npm pack
 npm install recently-packed.tar.gz
 but npm pack does not add dependencies
 todo so add your dependecies into
 bundledDependencies

LOCK

- lock down deps npm shrinkwrap deploy exact version of your primary and child dependecies - helpful for deployoing production
- update shrinkwrap -> --save & --save-dev

VERSIONING

npm version <type> - version bumps
 <type> -> major, minor, patch

SCRIPTS

this gives access to diffent npm lifecycle events

- npm run <anything>
- this helps in managing npm lifecycle events

 config and package.json are available to

SCOPE

scope(name space) your packages

- npm i @scope/package scope packages are private by default, so, when publish
- npm publish --access=public

PRIVATE

use private packages

• <u>npm init --scope=<username></u>

ORGANIZATION

grant and revoke access to npm using scopes

• npm team

ON-SITE

Run your own on-premise npm registry. **npm** CLI client can point to a number of registry.

npm login --registry=http://my-npmregistery.com