

NPM } Node Package Manager

Real world

or Tea

milk
sugar

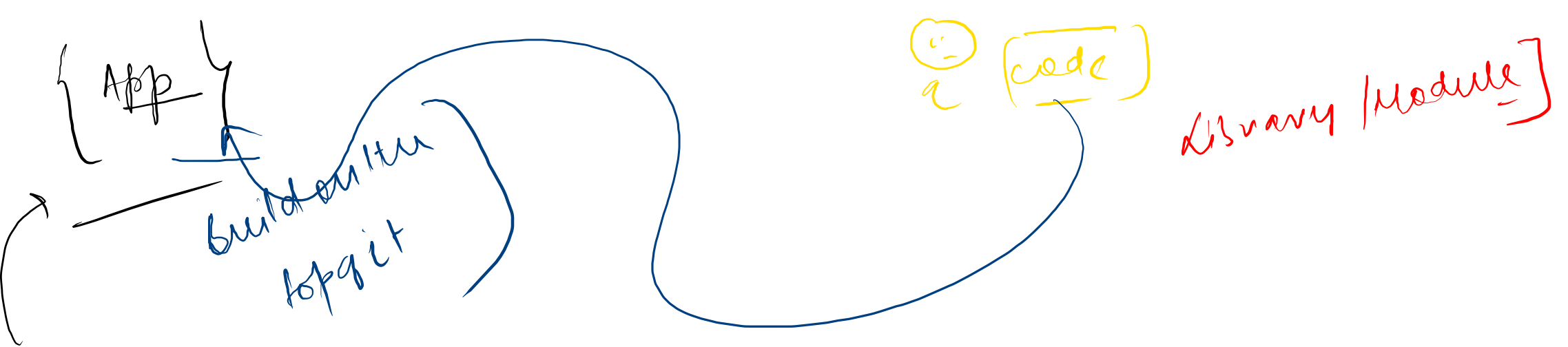
Tea powder

≤ 5 minutes

milk

sugar

years to complete



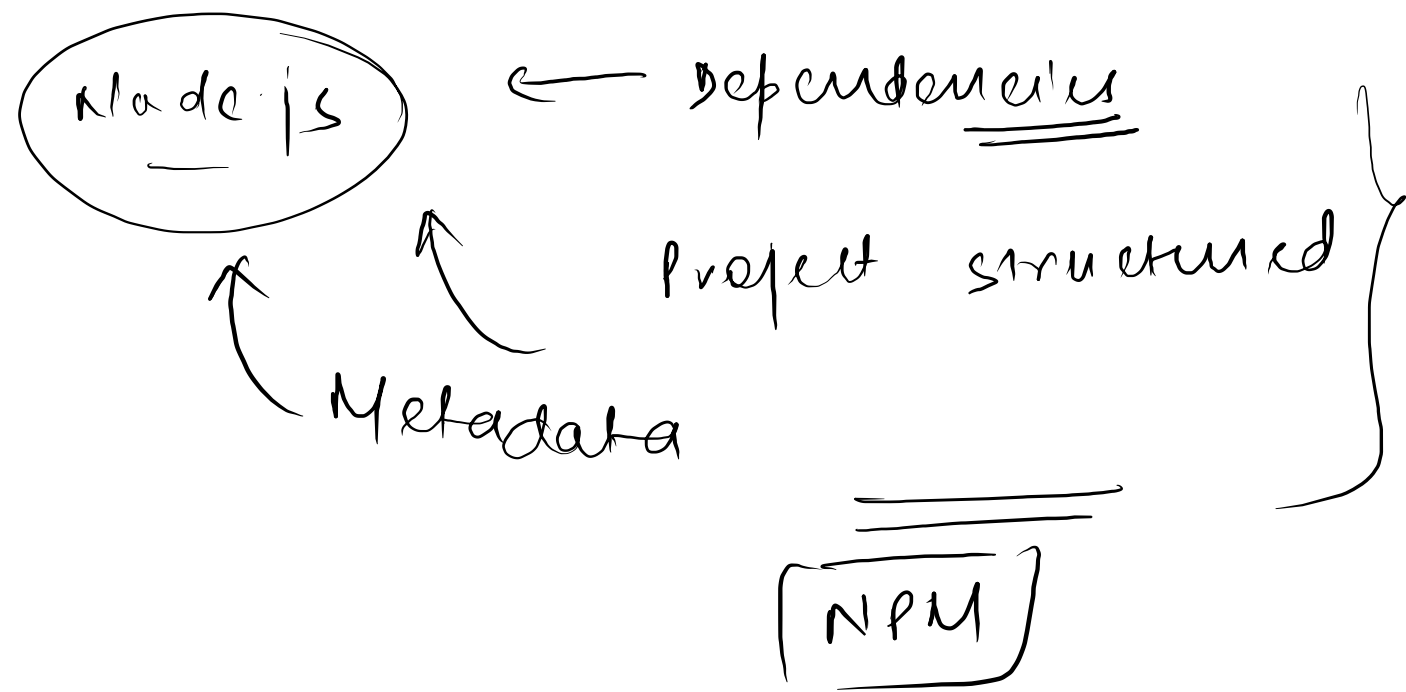
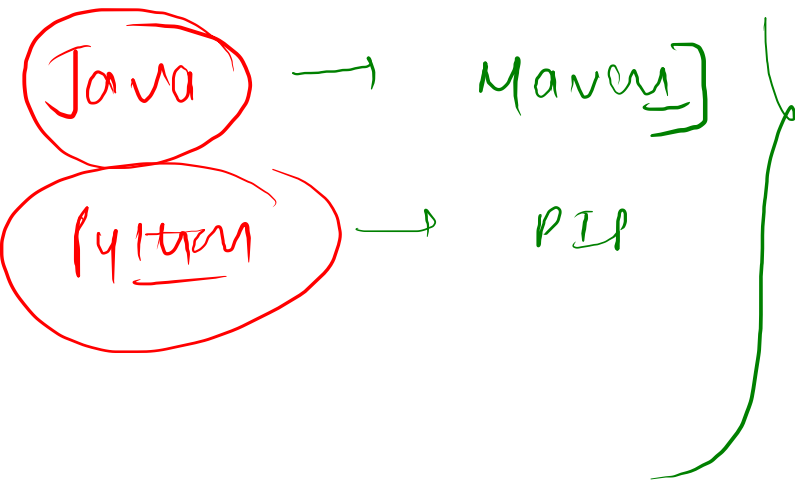
1 Read from a csv file

2 apply your business logic

3 personal

Master

4 csv reader
↑ code



NPM

available by default]

✓ install node]
└─┬─┘
npm

① Create a node.js project

👤 → folder

npm init



≡



All the information
about the project

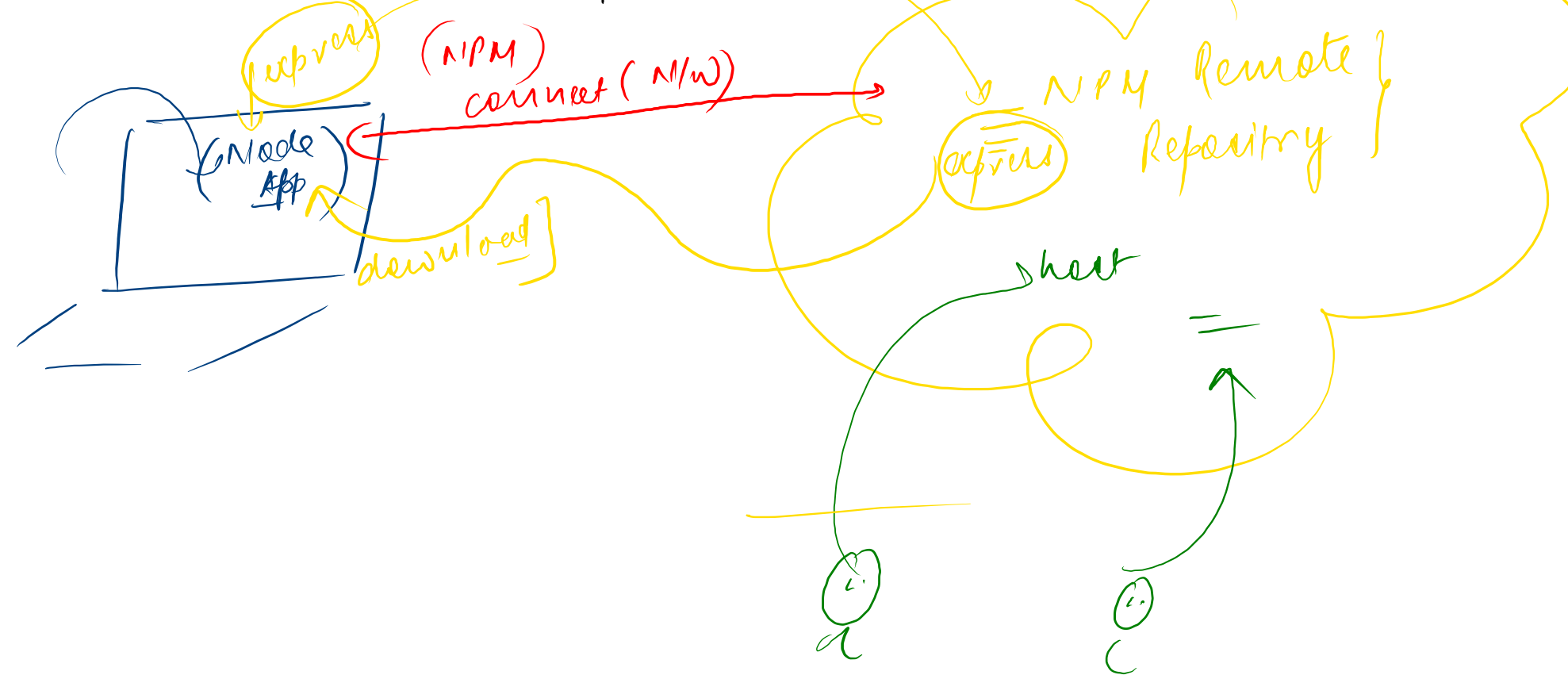
package.json

Node.js → NPM

npm init

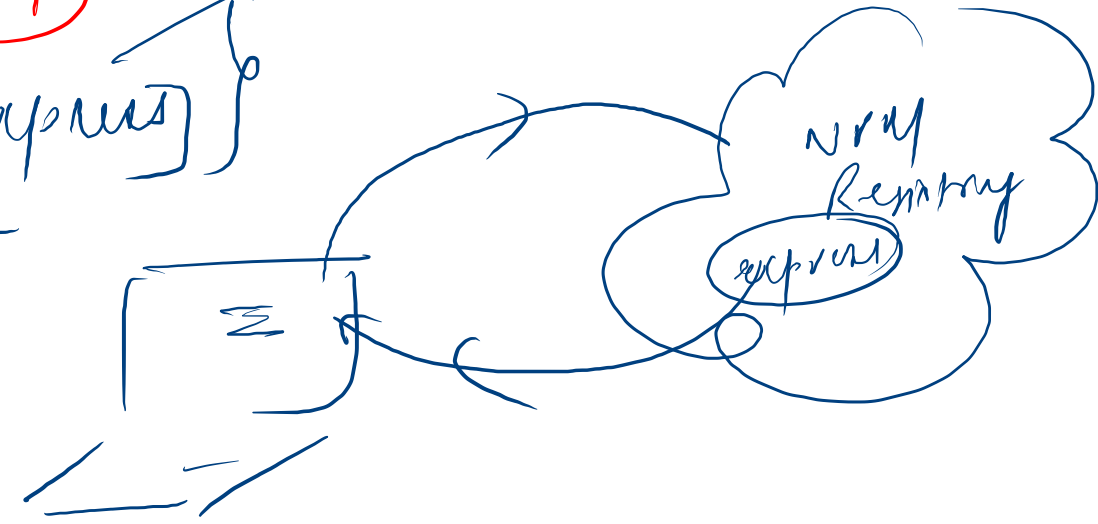
```
{  
  "name": "node_project",  
  "version": "1.0.0",  
  "description": "This is the first node.js project for my learning",  
  "main": "index.js",  
  "scripts": {  
    "test": "echo \\\"Error: no test specified\\\" && exit 1"  
  },  
  "keywords": [  
    "nodejs",  
    "app"  
  ],  
  "author": "Vishwa Mohan",  
  "license": "ISC"  
}
```

② Get the dependencies/ external modules



Get external modules

express App command
[npm install express]



Module }

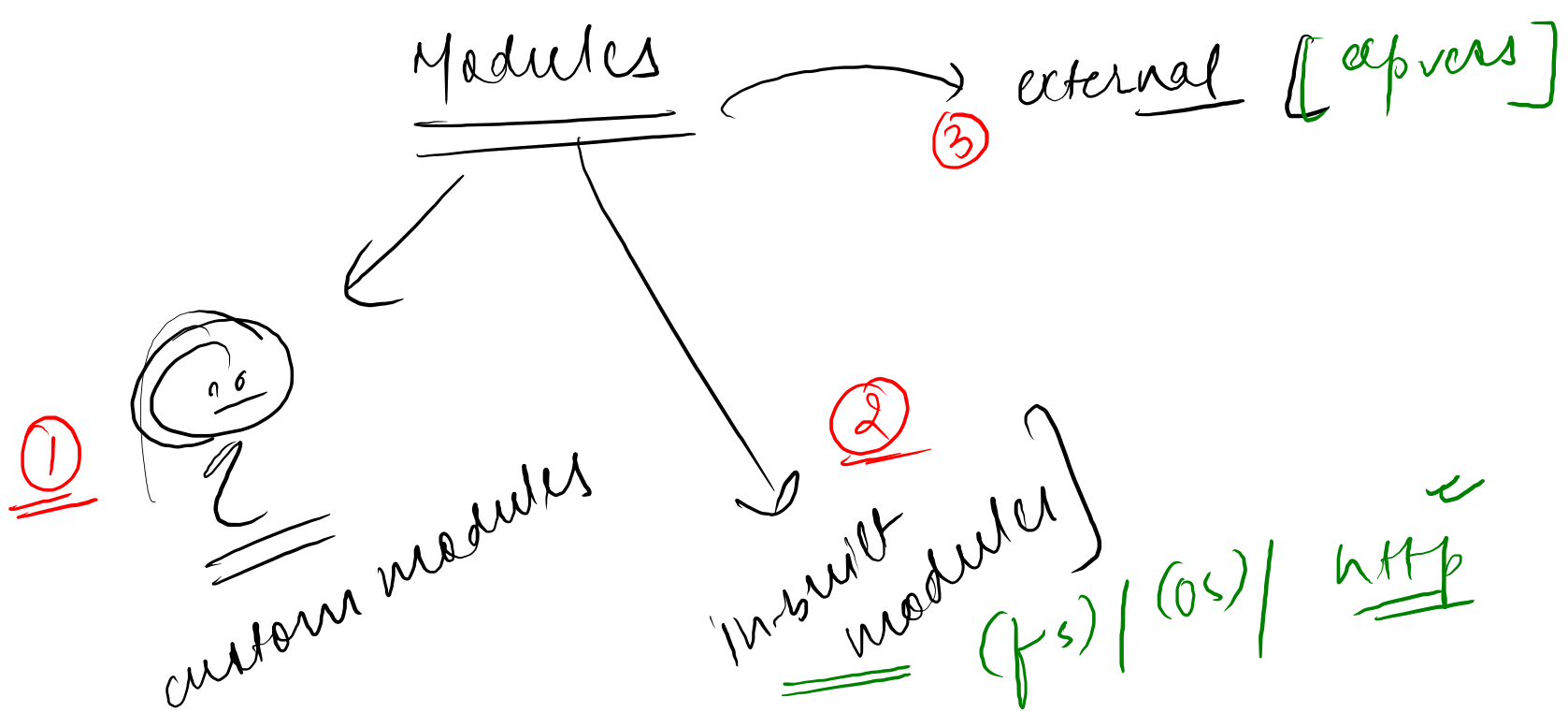
single or multiple JS file }

contains logic

↓
solve any problems

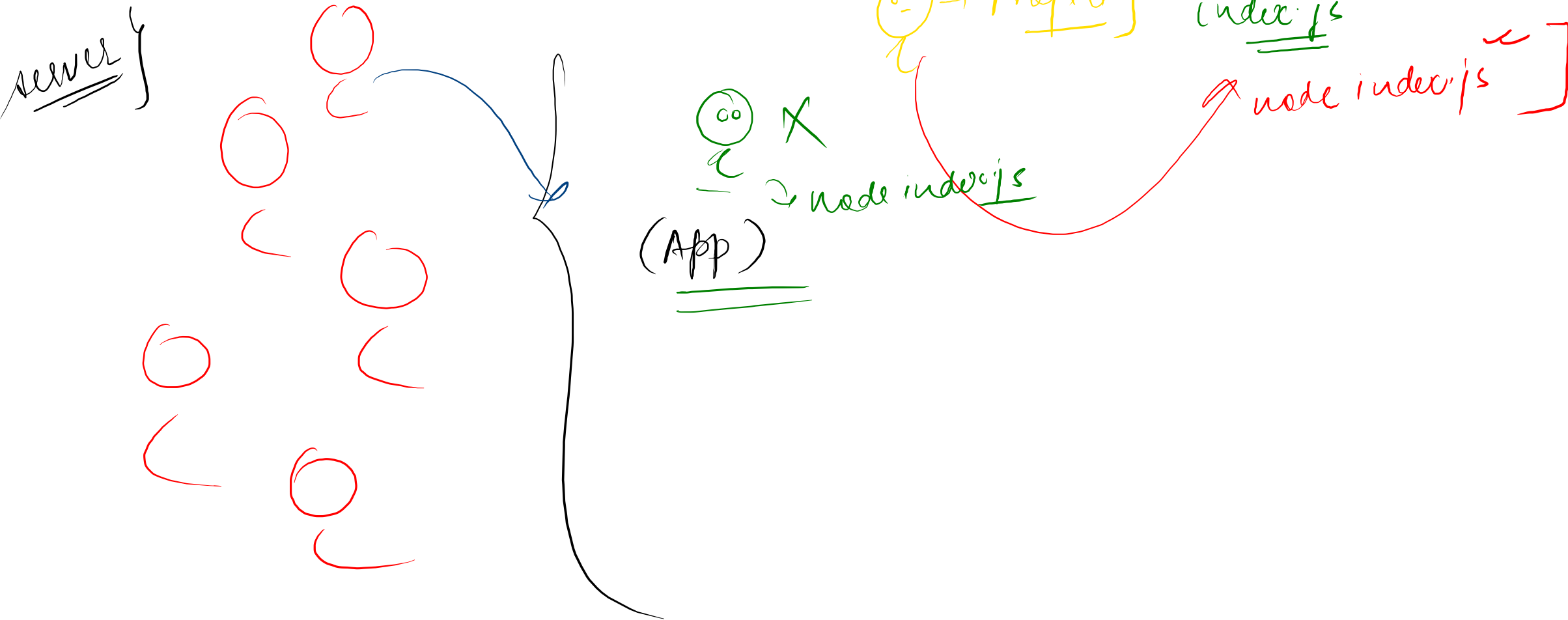
Reused/ called from
anywhere in the project

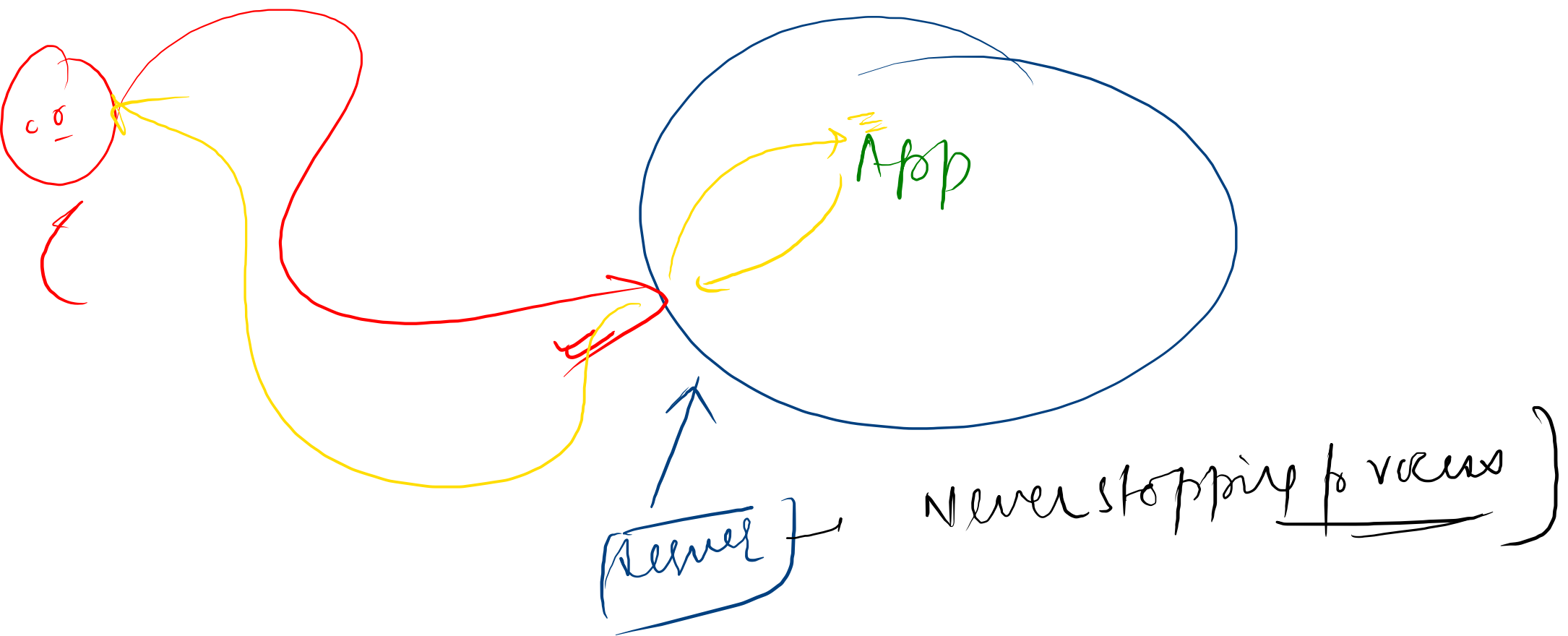
It should be re-used from anywhere }
in the program



Use it in action]

Node.js } 100's already built handy
modules

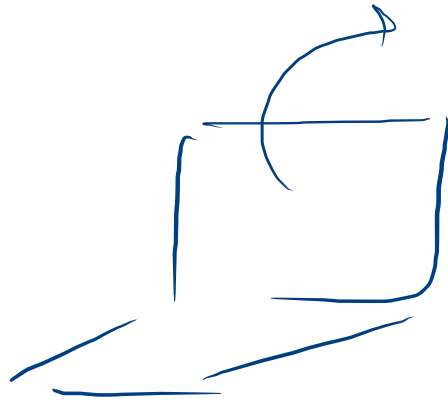




server } → never stopping process }
↑ parameters

↓ server]
App

parameters
soso

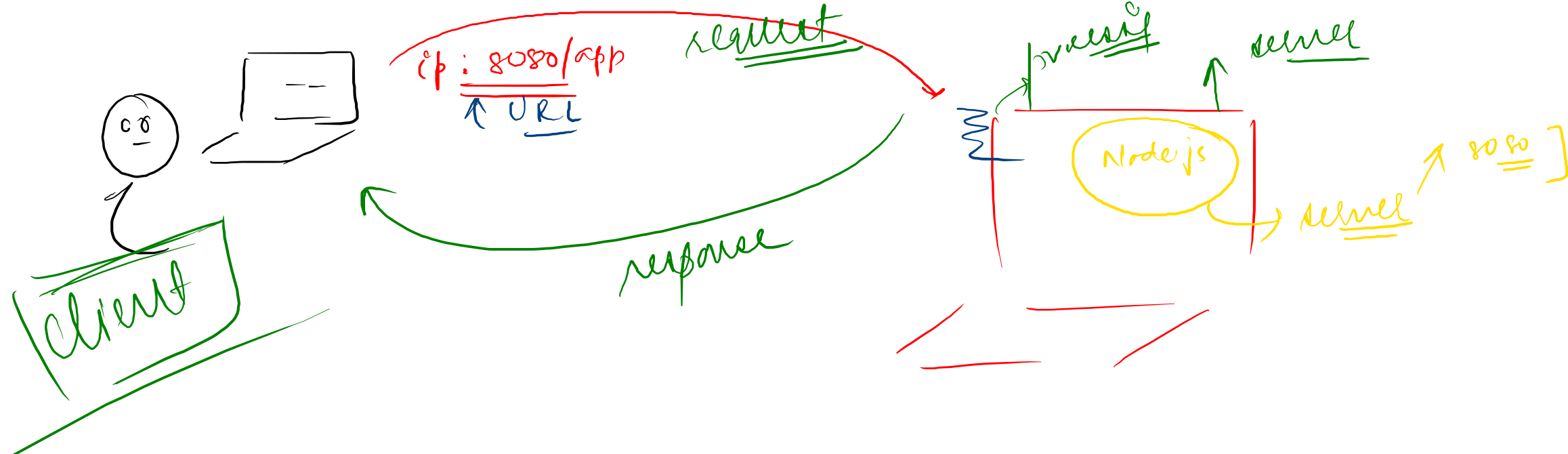


processes]

↓
chrome

Python App

↓
(JS) App



Client-server model } [request response cycle]

node.js App }

http → server
↑

server

Modules

custom

Native modules

External

npm install

(module-name)