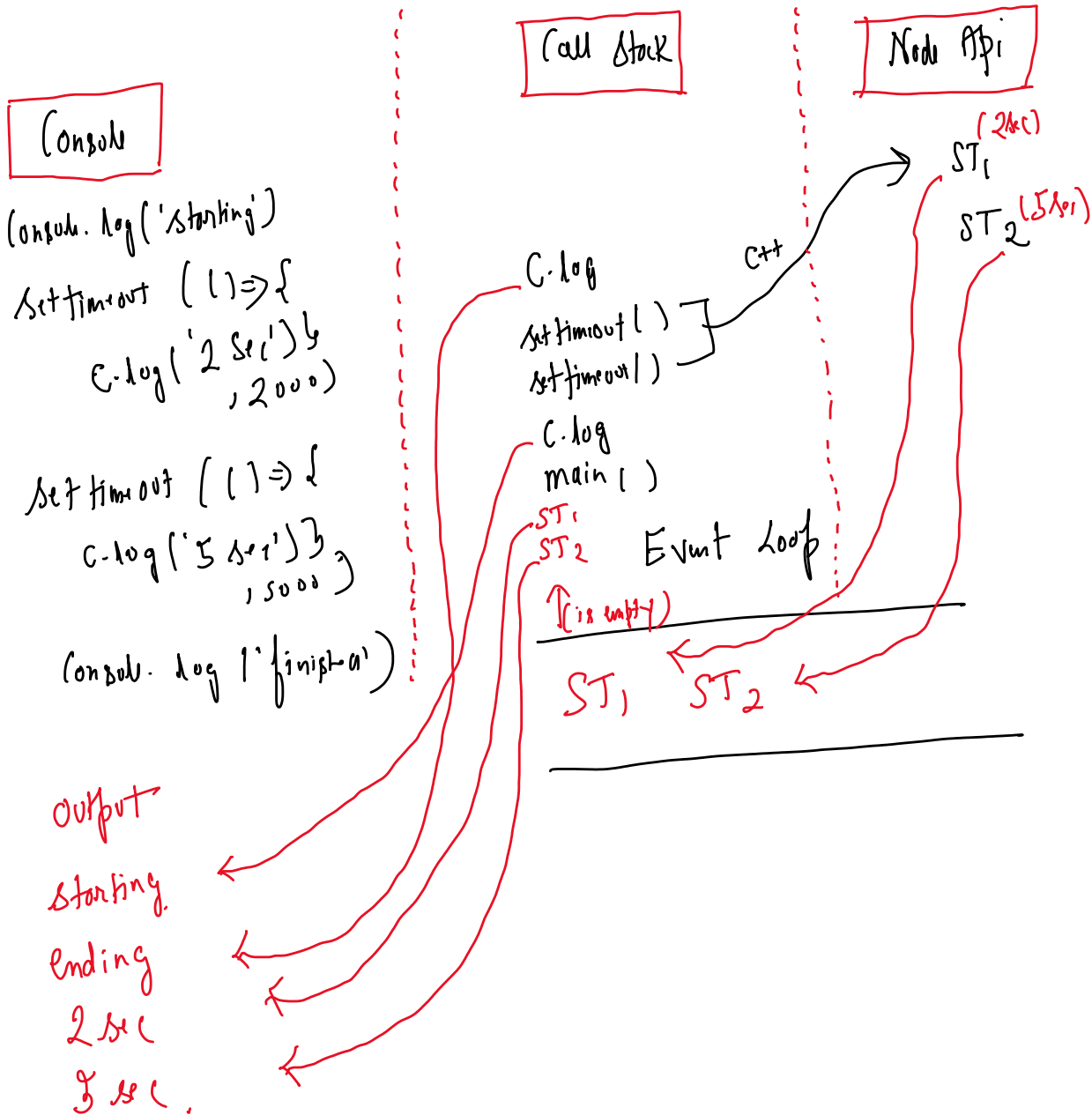


Node JS

Friday, 26 January 2024

7:22 PM

Architecture



express JS

- ✓ import express
- ✓ create obj of express & stored in obj
- ✓ app.use(express.static('folder of your HTML ...'))
 - to get our HTML document
- listen (any server) → to serve the webpage server

✓ app.listen (any port) → to serve TM on server

✓ [by default index.html will be your web page, & you can access remaining with PageName... = HTML

Other imp Methods :

app.get ('your url...' , (req, res)) ⇒ {
res.sendFile (path of your file...)
}

app.listen (port Number ...)

Setting up ejs :

create a folder views
& inside create multiple HTML files with ejs extension
on your main type

app.set ('view engine' , 'ejs')

Using these files :

app.get ('link...' , (req, res)) ⇒ {

const user = {
name : 'Name of person',
age : '2 last year',
marks : 100
}

res.render ('profile' , { user })
view

app.render (page)
on page.ejs (inside view)

Regular HTML

<% value = user.name %>

xx if you want to include a common HTML you can

<%=include('common/header')%>
↑
inside view.

Middlewares

const reqFilter = (req, res, next) => {
 if (!req.query.age)

{
 res.send("Please provide age")

}
else if (req.query.age < 18) {
 res.send("age is not 18")

}
else {
 next();
}

app.use(reqFilter)

// Your Protected Routes

for a specific route
app.get('/about', reqFilter,
 (req, res) => {
 res.render('Page')
 })

You can also create the function req filter on a diff file & later can import using exports & require.

Must used Method :

(create express. router() obj

eg for app \Rightarrow app = express() but for route \Rightarrow route = express.
Router()

app.get('/about', reqFilter,
(req, res) \Rightarrow {
 res.render('page')
})

route.use(reqFilter)
route.get('/about',
(req, res) \Rightarrow
{
 res.render('page')
})

app.use('/', route)