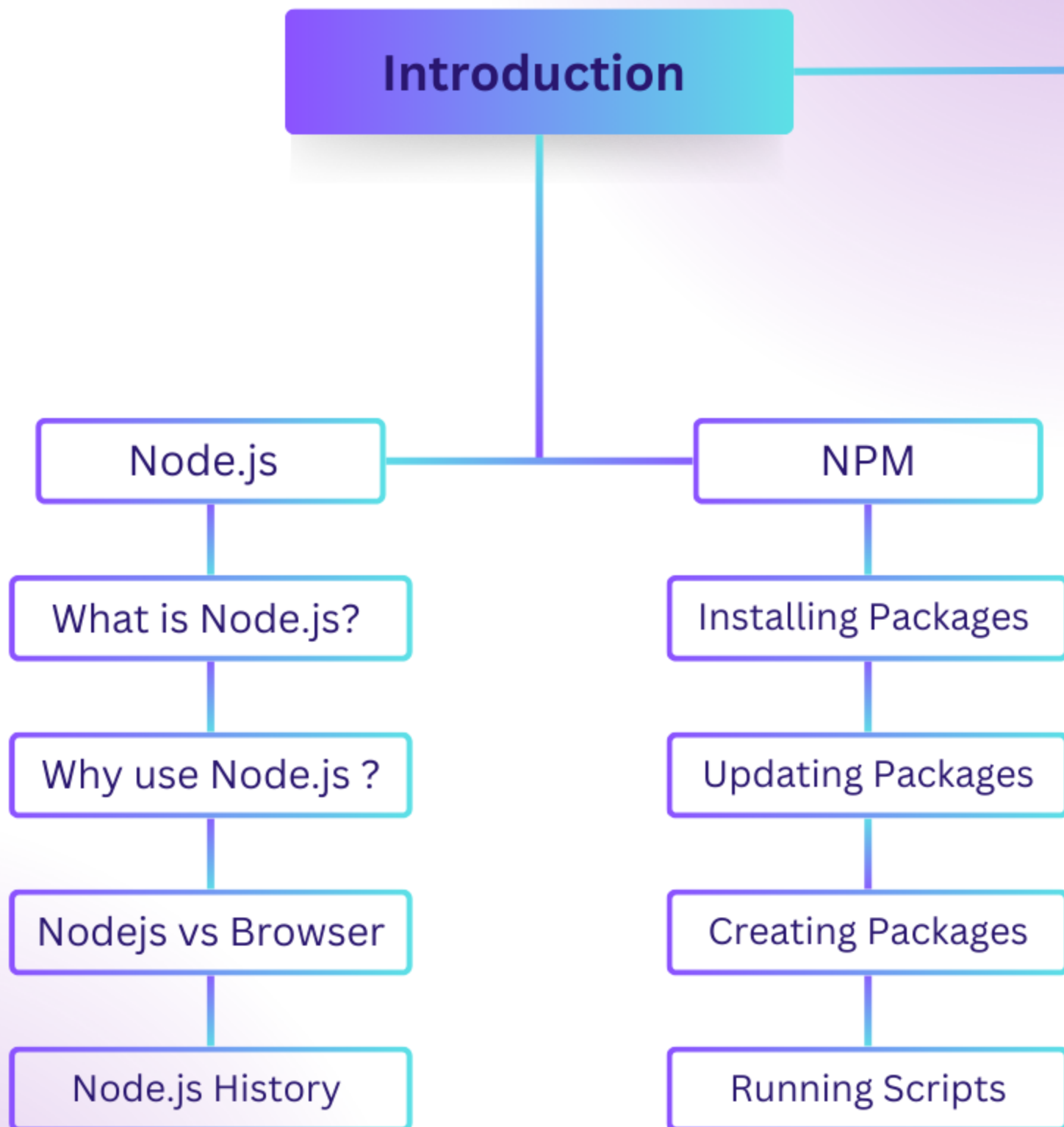


Node JS : RoadMap 2024





Error Handling

Call Stack

Stack Trace

Uncaught Exceptions

Handling Async errors

Javascript Errors

Error types

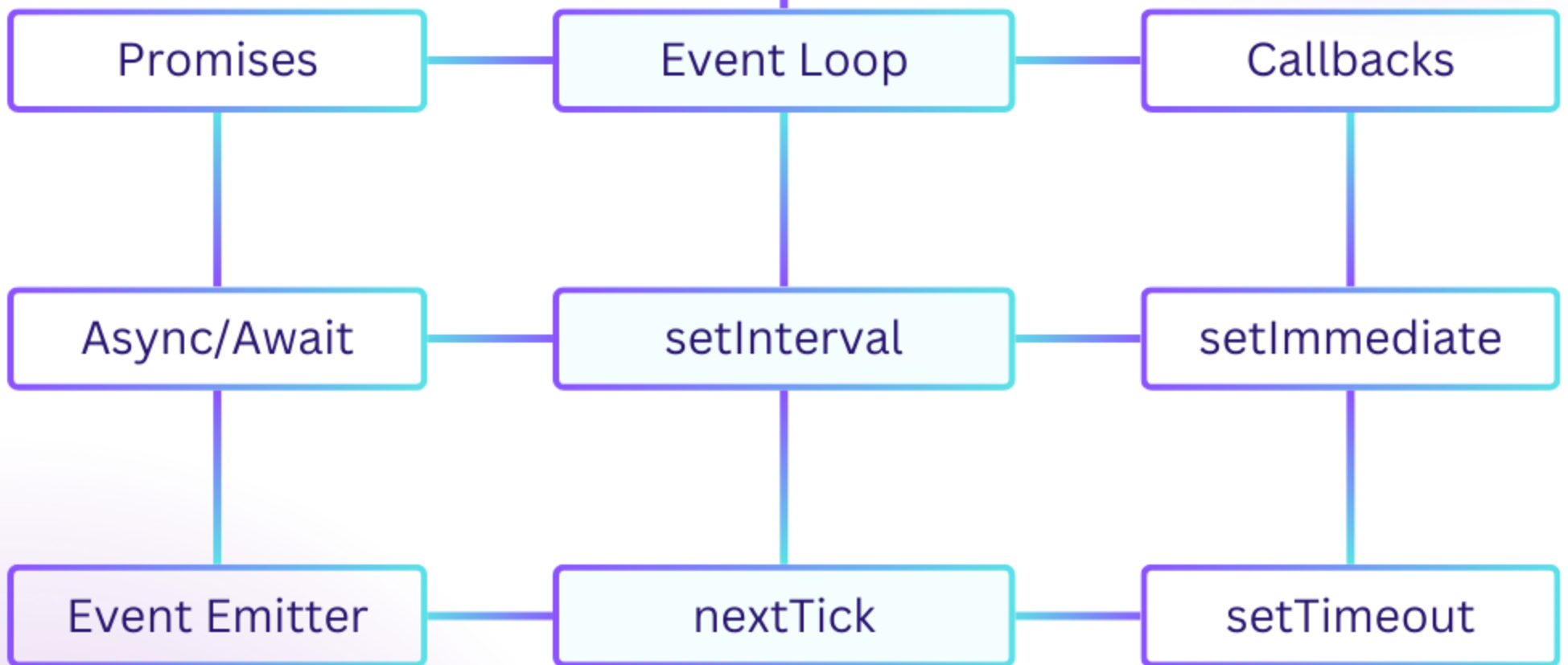
System Errors

User Specified Errors

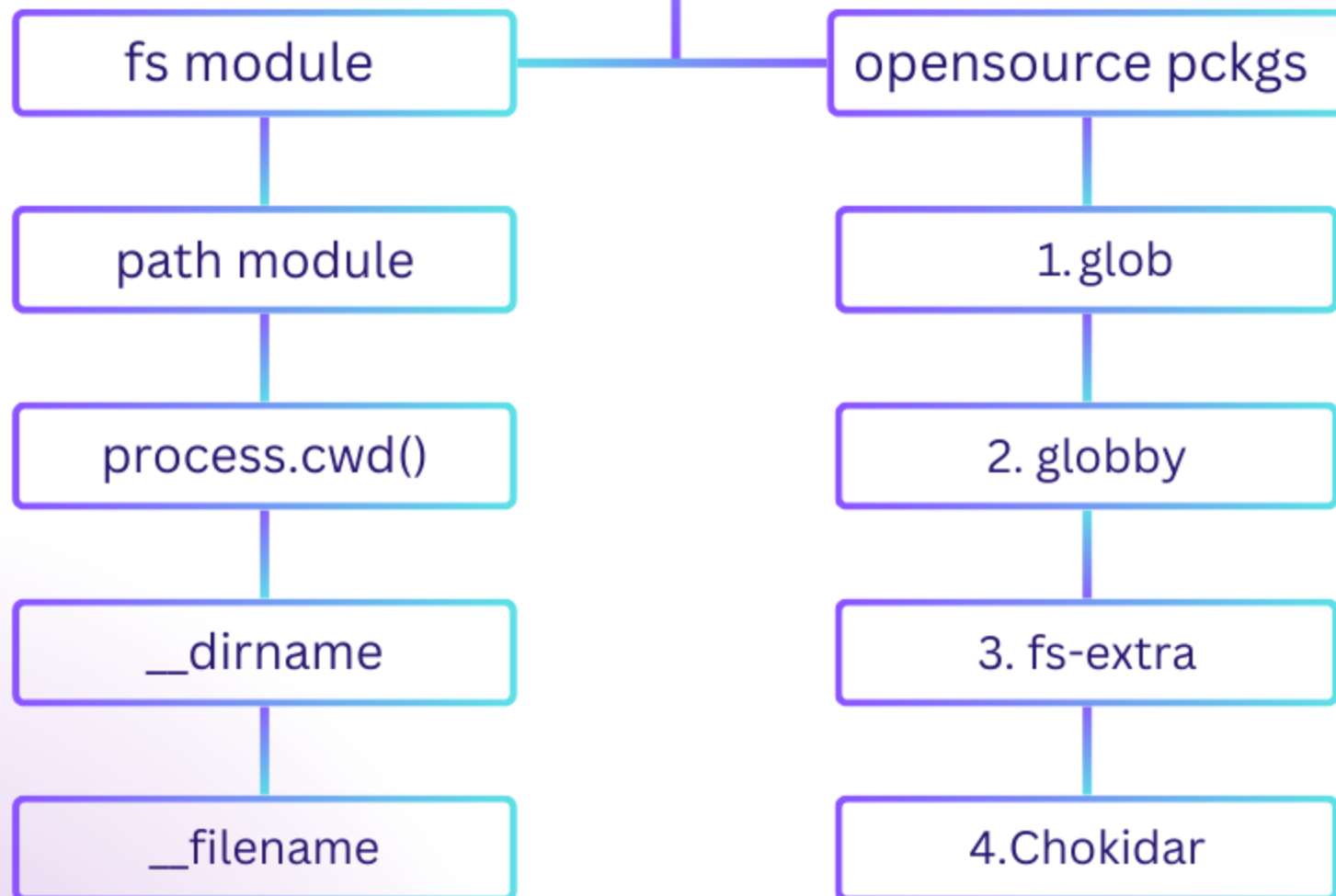
Assertion Errors



Asynchronous programming



Working with Files



Working with APIs

HTTP server

1.http module

2.Express.js

3.NestJS

4.Fastify

Authentication

1. jsonwebtoken

2.passport.js

API Calls

1.http module

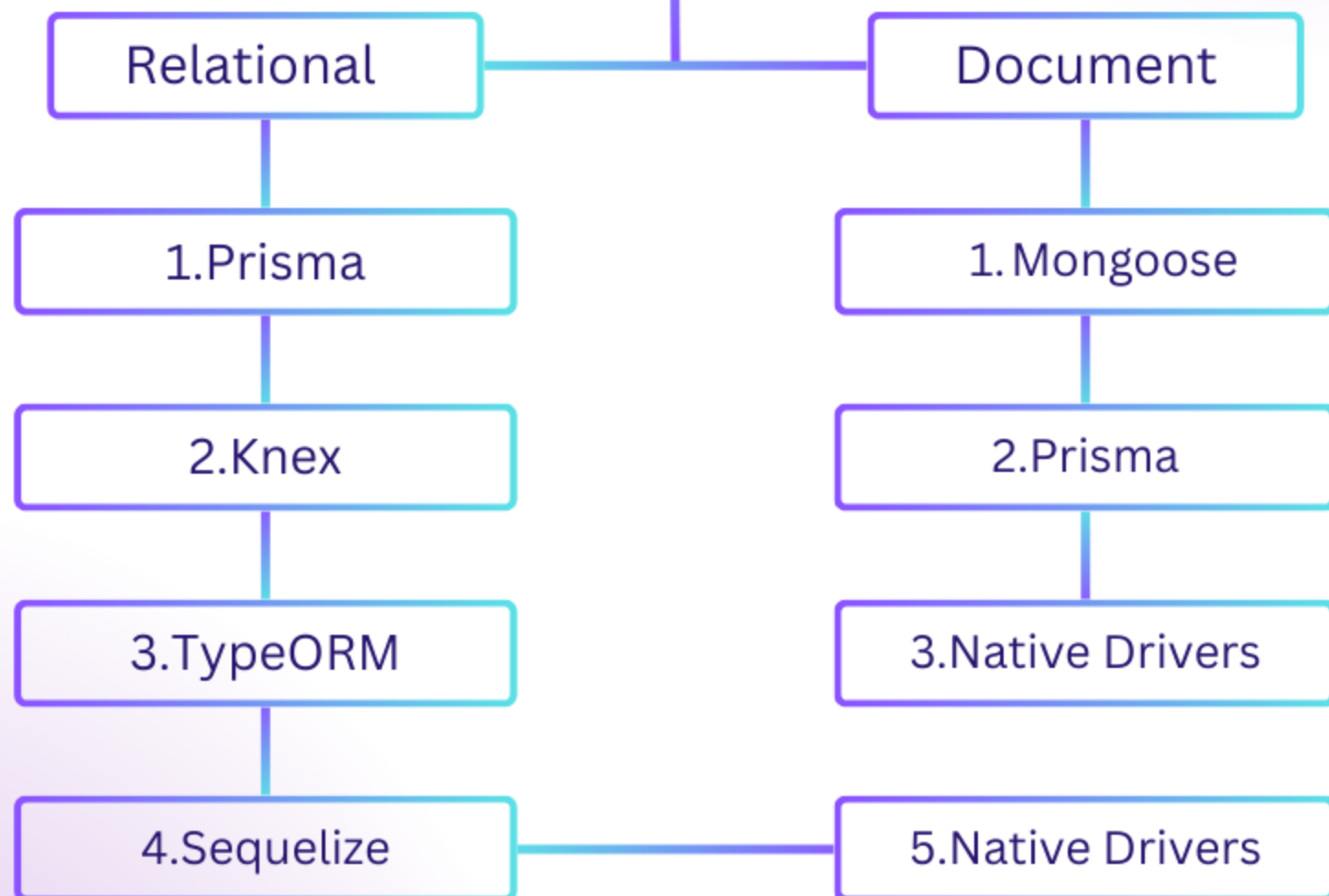
2.axios

3.unfetch

4.got



Working with Database



Command Line App

dotenv

process.env

process.argv

Commander.js

input/output

Printing output

Process stdout

process.stderr

chalk package

figlet package

Taking input

Process stdin

Prompts package

Commander.js



Other IMP Topic

- **Testing**
 - Jest, Mocha, Cypress
- **Logging**
 - Morgan, Winston
- **Modules**
 - Creating custom modules, commonJS, ESM
- **Template Engines**
 - ejs, pug, marko
- **Keeping Application Running**
 - nodemon package
- **Common built-in Modules**
 - fs, os, net, path, url, events,
 - http, console, assert, process, cluster
 - pref_hooks, crypto, Buffer
- **More Debugging**
 - Memory Leaks, Garbage collections
 - node --inspects

Thank You

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