

Building Web Applications with Node.js and Express

Getting Started



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Overview



Building web apps

- From the beginning
- Node and NPM
- Node versions
- Templating engines
- NPM scripts
- Routing
- Databases
 - Mongo
- Consuming APIs





What is Node.js?

Installing Node

Versioning

What IDE?

NPM as a package manager

Package versions



What is Node?



What is Node.js?

Server Side JavaScript

Cross Platform

JavaScript is Awesome!

Open Source



So, What is Express?



+



+

express

**Web Development
Framework**

**Unopinionated
& minimalist**



Installing Node

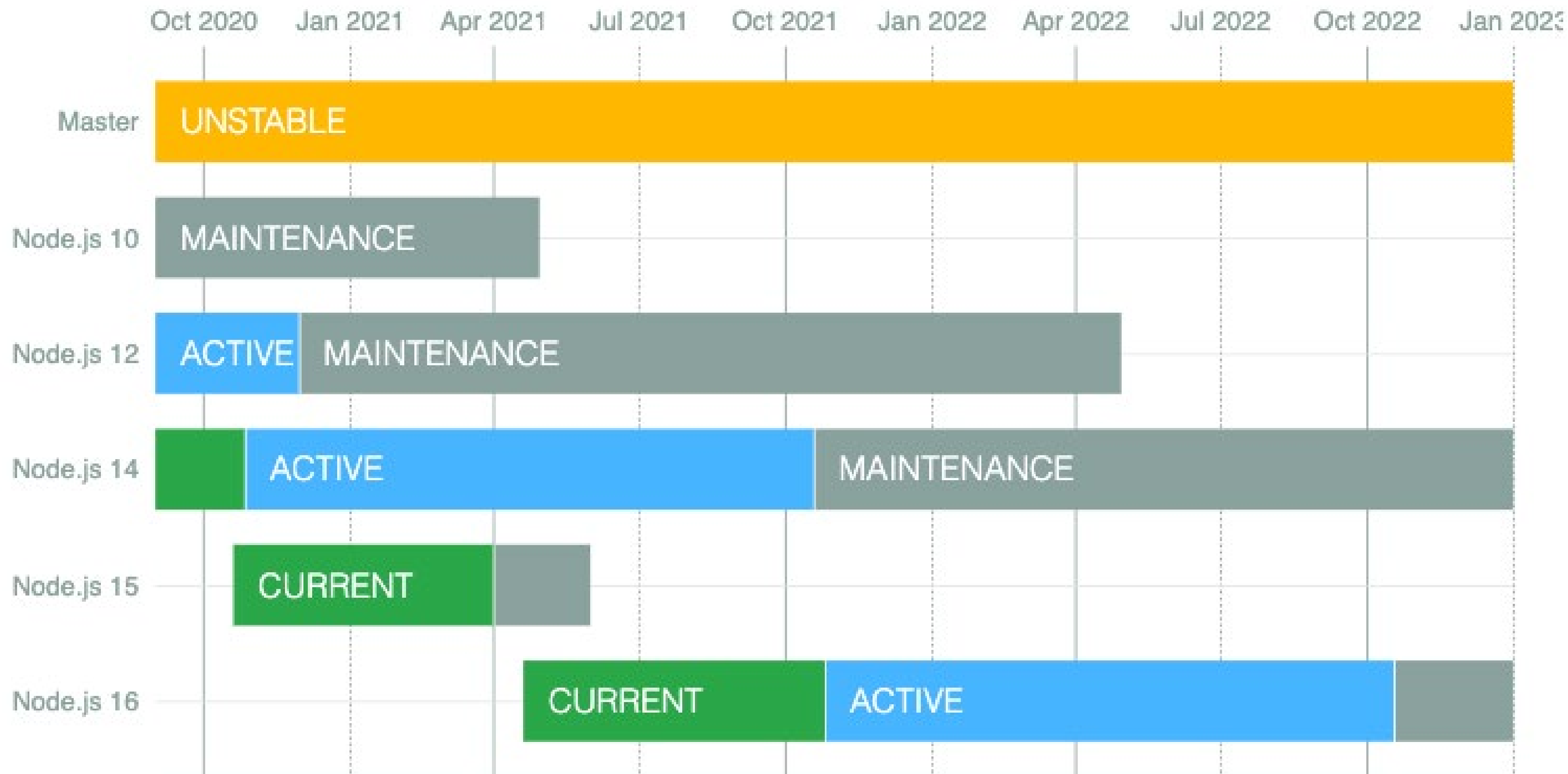


Dealing with Node Versions



Dealing with Node Versions





Picking an IDE



Which IDE?



Sublime Text



WebStorm



VS Code



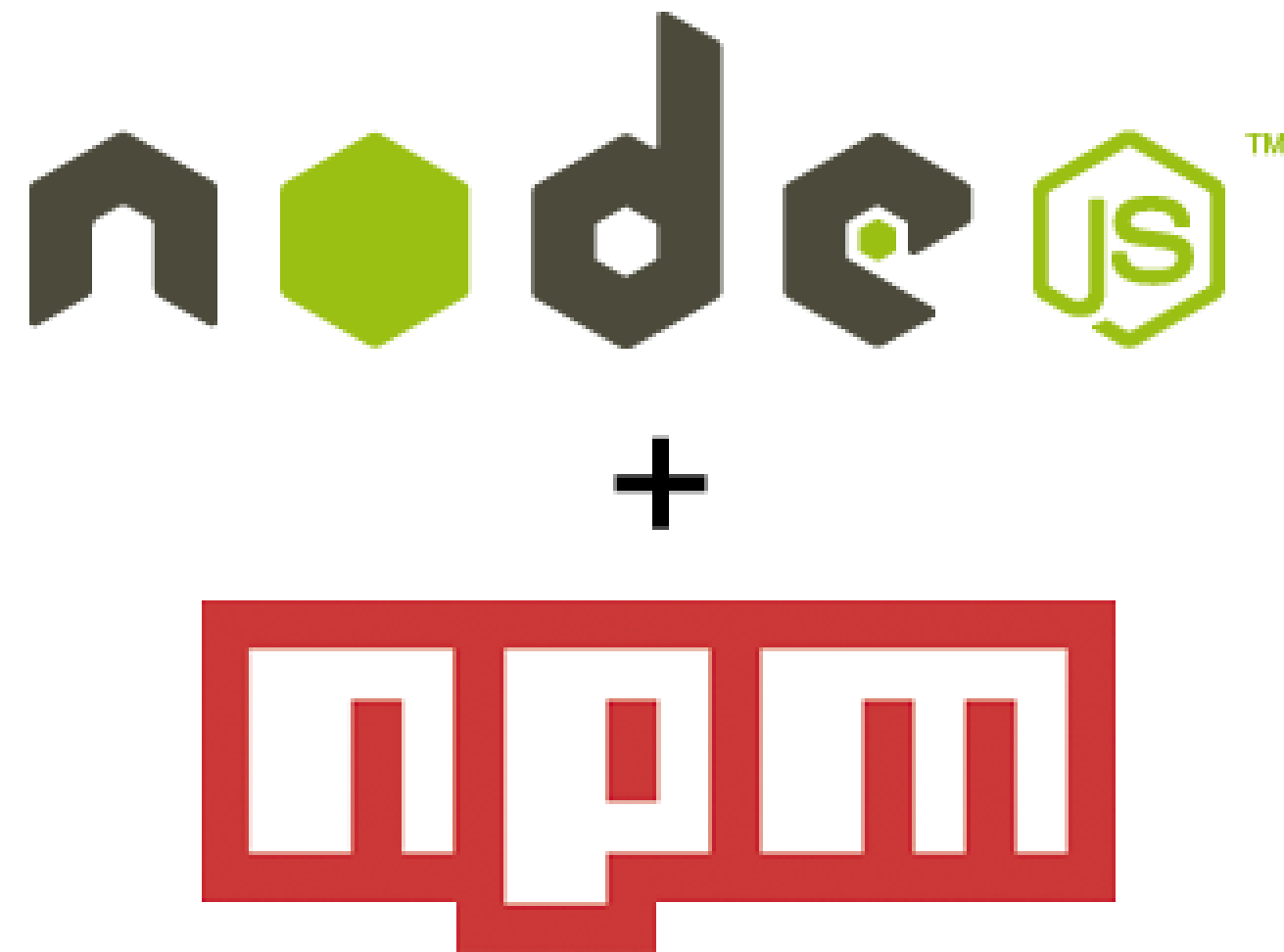


- **Open source IDE**
- **Written in Node.js**
- **Free**
- **Powerful**



So, What Is NPM?

**Package
Management for
Node.js**



**Easy Updates and
Version
Management**



NPM Versioning

`^4.xx.x`



NPM Versioning

^4.14.1



NPM Versioning

^4.13.3

~4.13.3



NPM Versioning

^4.13.3

~4.13.x



NPM Versioning

^4.13.3

~4.13.5



NPM Versioning

^4.13.3

~4.13.3

4.13.3



NPM Versioning

^4.13.3

~4.13.3

4.13.3

Etc...



Summary



What Node.js is

Install Node

Versioning with NVM

So many IDEs

NPM as a package manager

Package versions

NPM Settings

