

Node.js

Nodal Inception

Objectives

- Break Things
- Create New
- Build Better

Context

- Short History
- New Containment
- Future Shipping

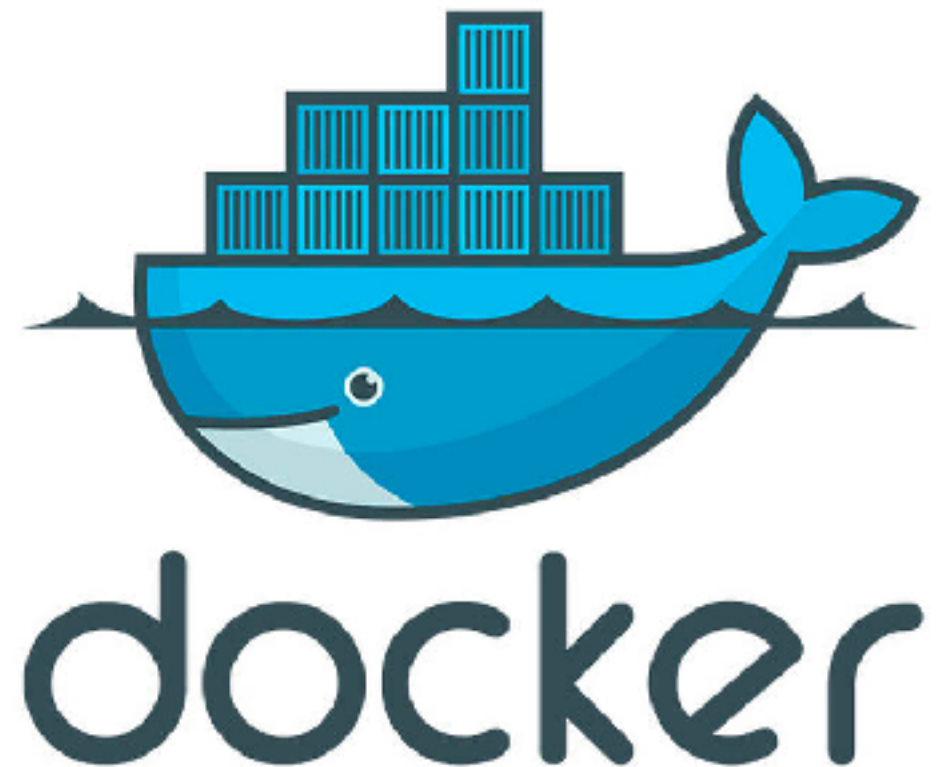
Short History

- Ryan Dhal
- Focused Deployments
- Simplified Web
- Huge Community



New Containment

- Docker (Rocket?)
- Kubernetes
- Beanstalk (PaaS?)



Future Shipping

- Observing Events
- Teach Your Machines
- Bigger Code
- Transparency

Demo: Today

Steps

1. Kubernetes
2. Node.js Server
3. Run It...



✓ ~/Codez

21:36 \$

Next Steps

- Dockerfile
- Build Image

✓ ~/Codez/MyNewNodejsApplication

22:58 \$

Deployment

✓ ~/Codez/MyNewNodejsApplication

22:58 \$ code .

✓ ~/Codez/MyNewNodejsApplication

22:58 \$ docker build -t hey-node:v1 .

Sending build context to Docker daemon 3.072kB

Step 1 : FROM node:9.11.1

9.11.1: Pulling from library/node

f2b6b4884fc8: Pull complete

4fb899b4df21: Pull complete

74eaa8be7221: Pull complete

2d6e98fe4040: Downloading [=====>] 130.4MB/131.1MB

452c06dec5fa: Download complete

7b3c215894de: Download complete

a5063278fd4d: Download complete

685e0be9c67c: Download complete

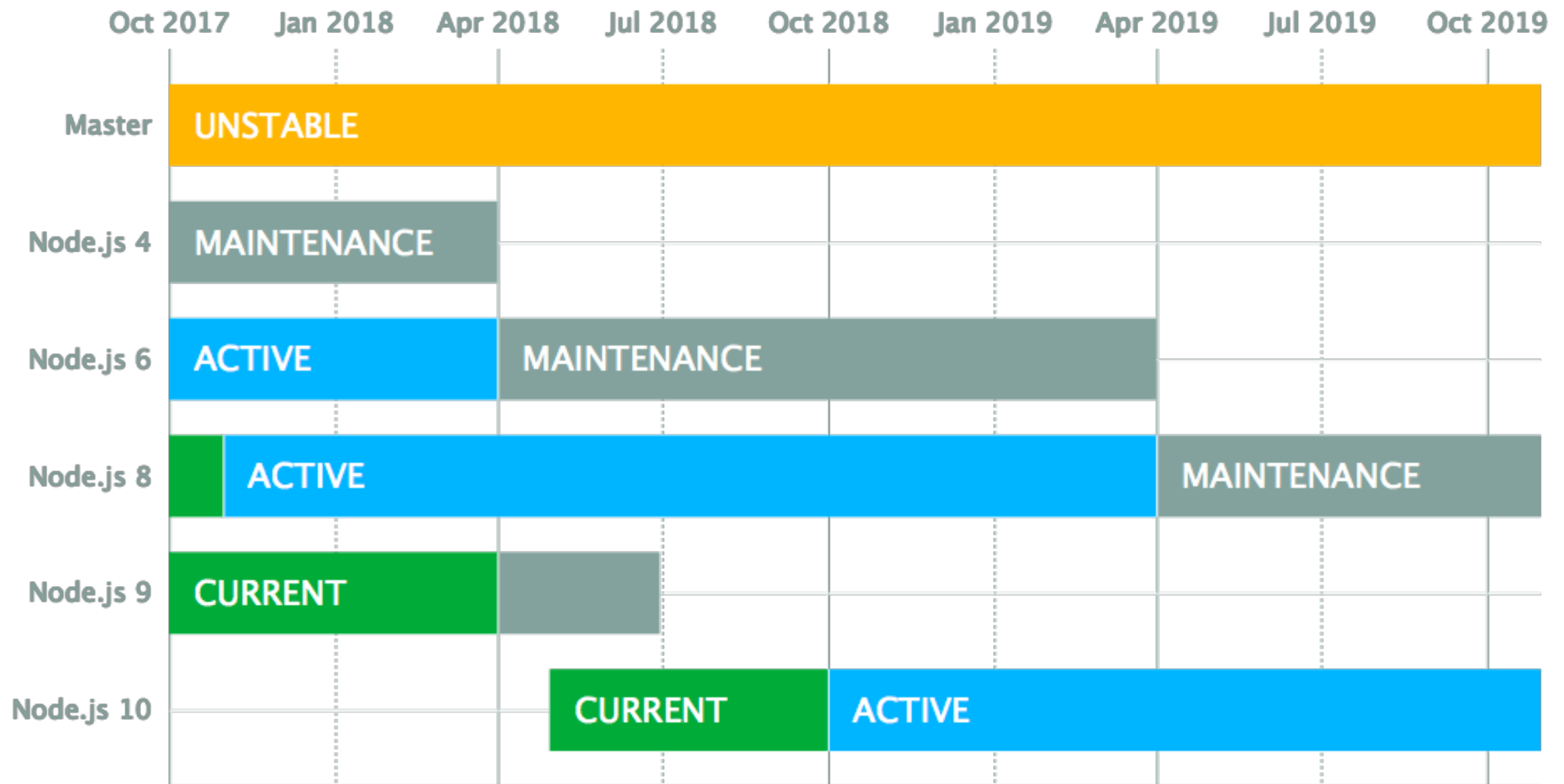
█

Minimal

- Alpine w/ Node.js 9.11.1
- ~Microservice Like
- Quick Baseline

Recent Events

- Node.js v4 is **Dead!**
- It's on v10.x! - Long live Node.js



Node.js v10.x

- 7th Major Release
- http 2
- N-API
- TTD Support for generators
- ... more ...

Future



This repository

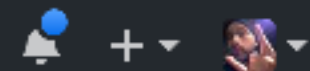
Search

Pull requests

Issues

Marketplace

Explore



Adron / nodes-for-nodes-node-nodal-system

Unwatch

1

★ Star

0

Fork

0

<> Code

Issues 0

Pull requests 0

Projects 0

Wiki

Insights

Settings

No description, website, or topics provided.

Edit

Add topics

5 commits

1 branch

0 releases

1 contributor

Apache-2.0

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download



Adron Blargh, still not cutting it with resources. What is the need?

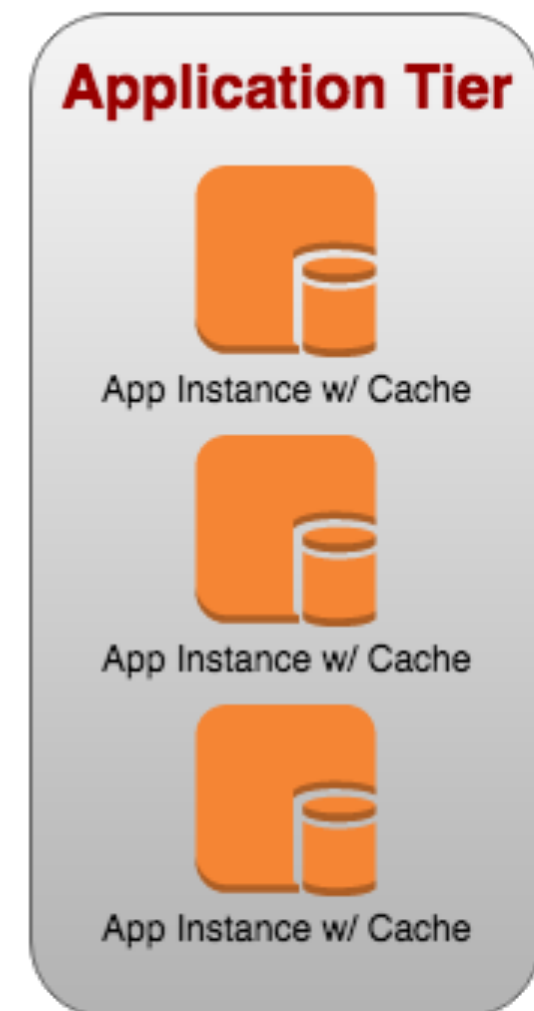
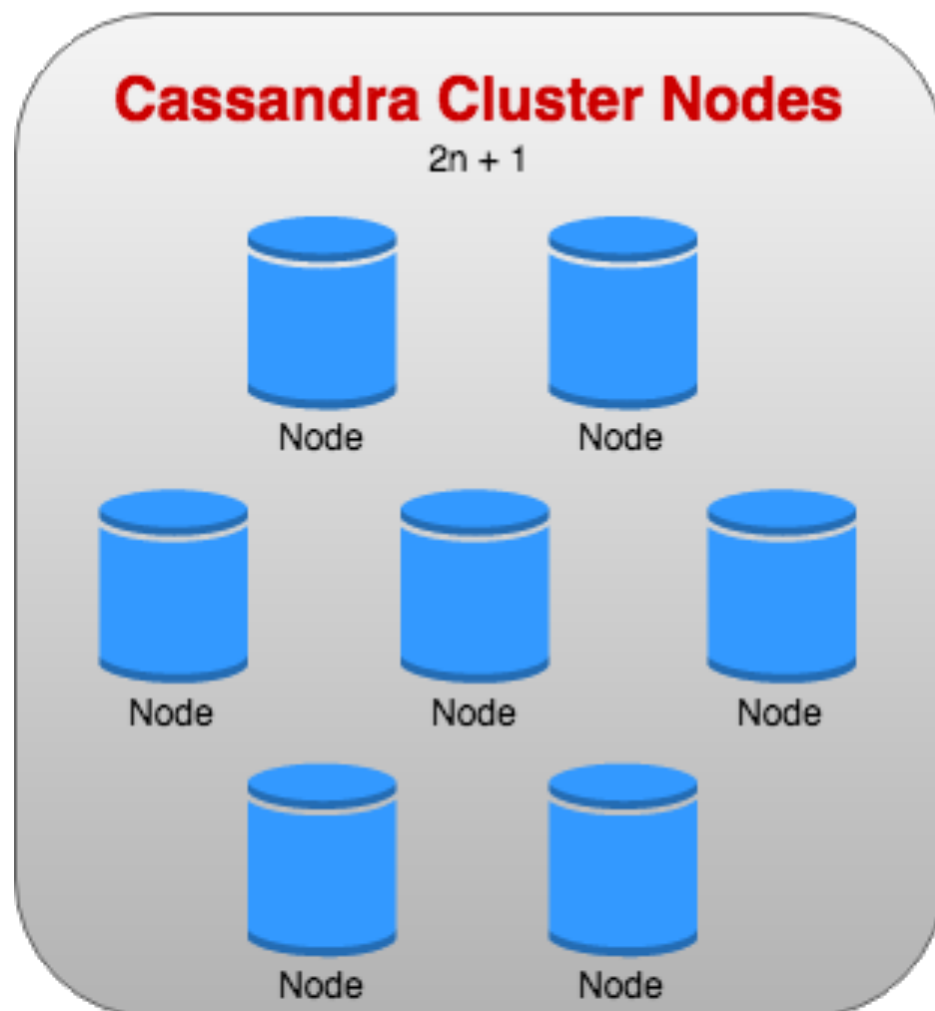
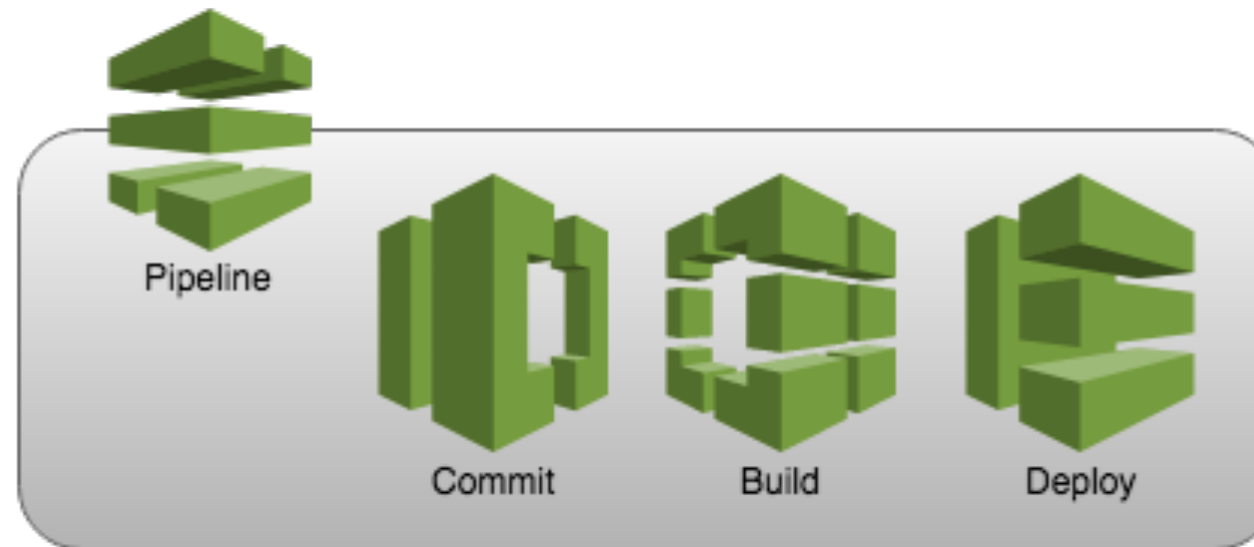
Latest commit 505ee6a 2 days ago

api	This far!	14 days ago
config	This far!	14 days ago
infrastructure	Blargh, still not cutting it with resources. What is the need?	2 days ago
test/api	This far!	14 days ago
.gitignore	Adding gitignore.	14 days ago
LICENSE	This far!	14 days ago
README.md	Adding the infrastructure.	2 days ago
app.js	This far!	14 days ago

README.md

Node.js

- Observability
- Machine Learning
- Transparency
- Operations



Observability

- Monitoring, APM, Tracing ...
- The closest is tracing...
- About tracking app/services events...
- <https://compositecode.blog/2018/02/02/reading-up-on-observability-and-monitoring/>

ML/AI

- Rooted in Tracing & Events Data
- Ops vs. App Observability
- Alerting, But Actions
- Informed Distributed Systems Tracing



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- Github @Adron
- <https://compositecode.blog>