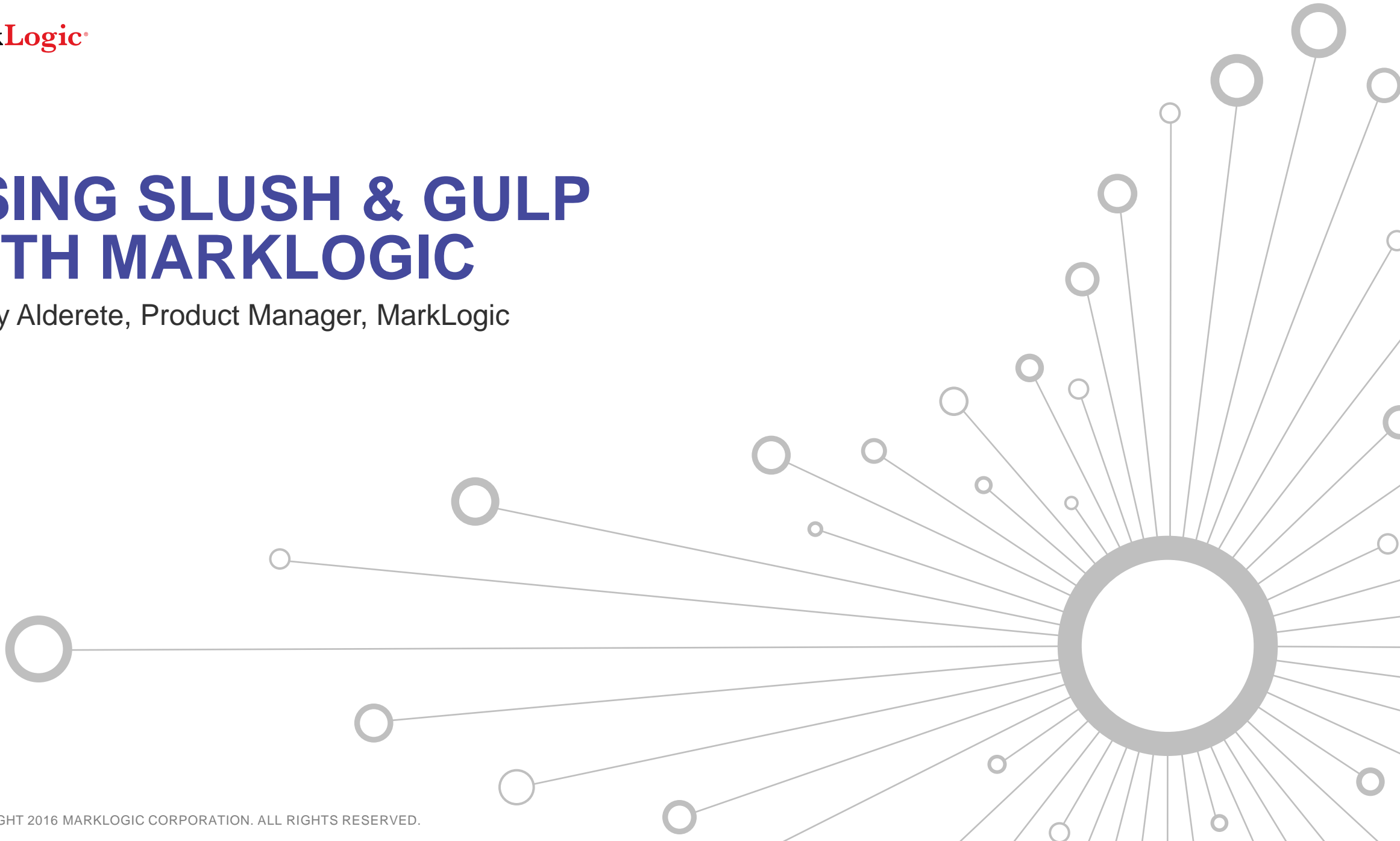# USING SLUSH & GULP WITH MARKLOGIC

Kasey Alderete, Product Manager, MarkLogic

Tap Into the JavaScript Ecosystem

- Rapid development
- Flexible options
- Build advanced apps
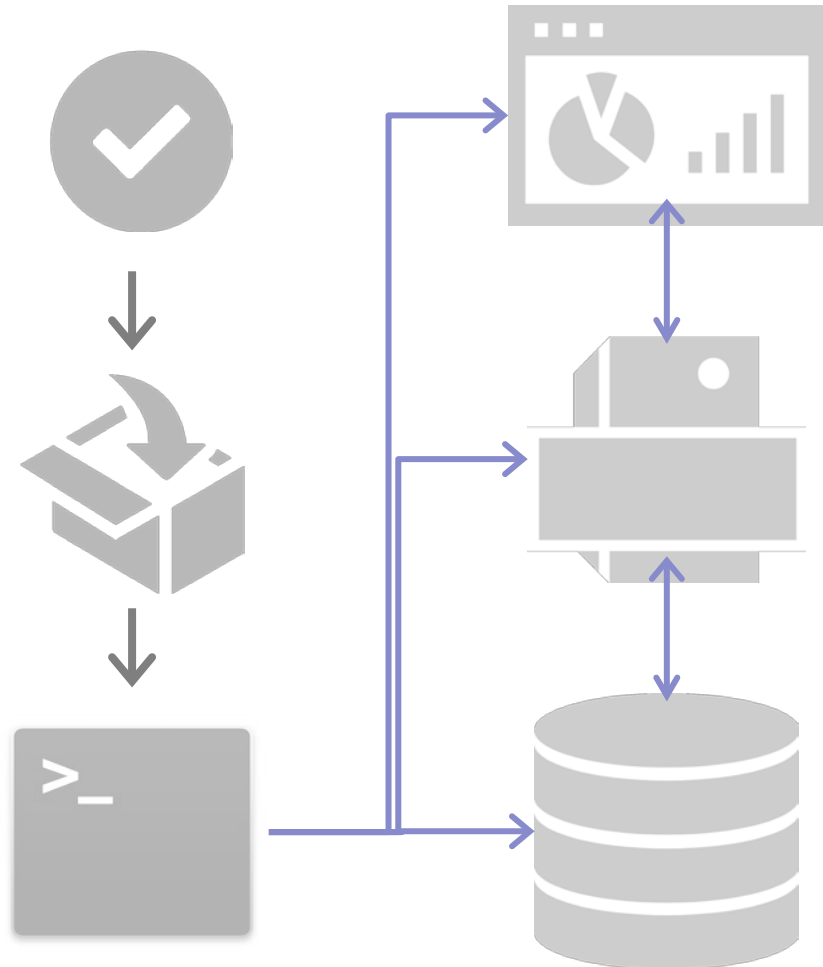
Where to begin?

Harness the Power of MarkLogic

- Flexible data model
- Integrated search
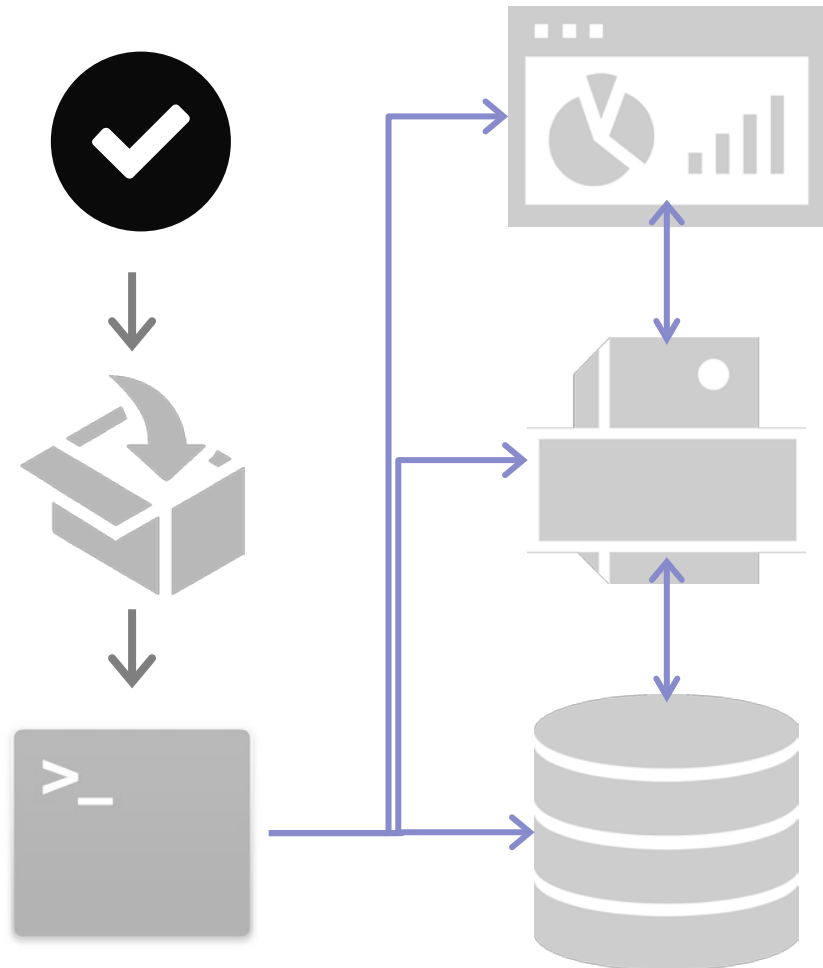- Out of the box developer APIs

Where to begin?

slush-marklogic-node

One Path Through the JavaScript Ecosystem
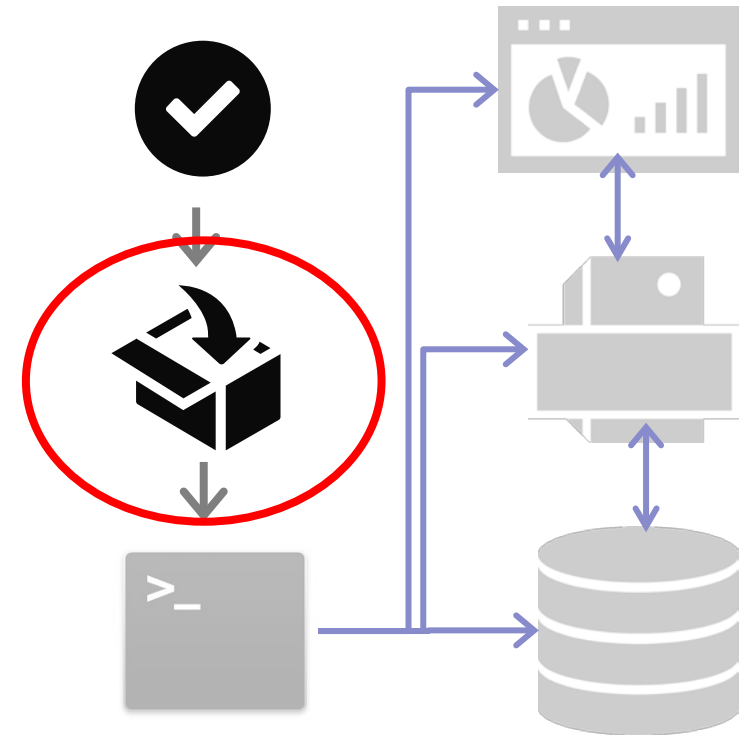
Let's start

Install Required Dependencies

- Node.js

- npm

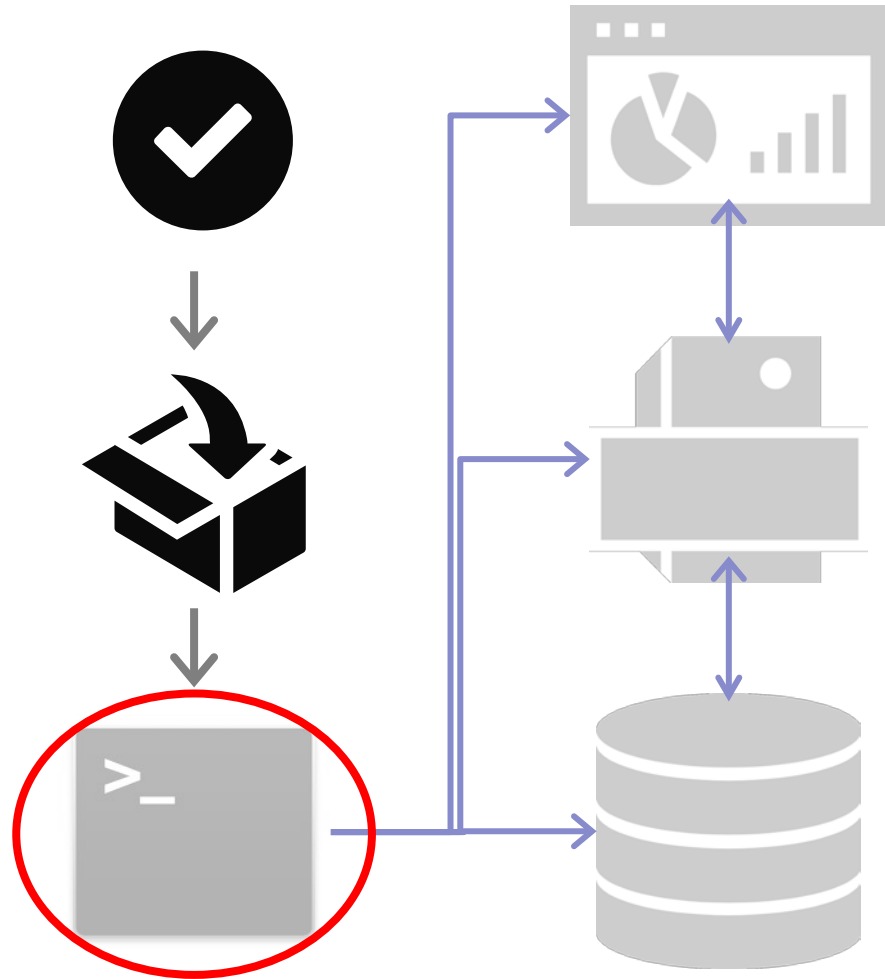- gulp

- Slush

- Bower

- Git

- Ruby

Get the Goods

- Published on npm

- Code is open source on GitHub

- Install the generator on your machine

```
npm install -g slush-marklogic-node
```
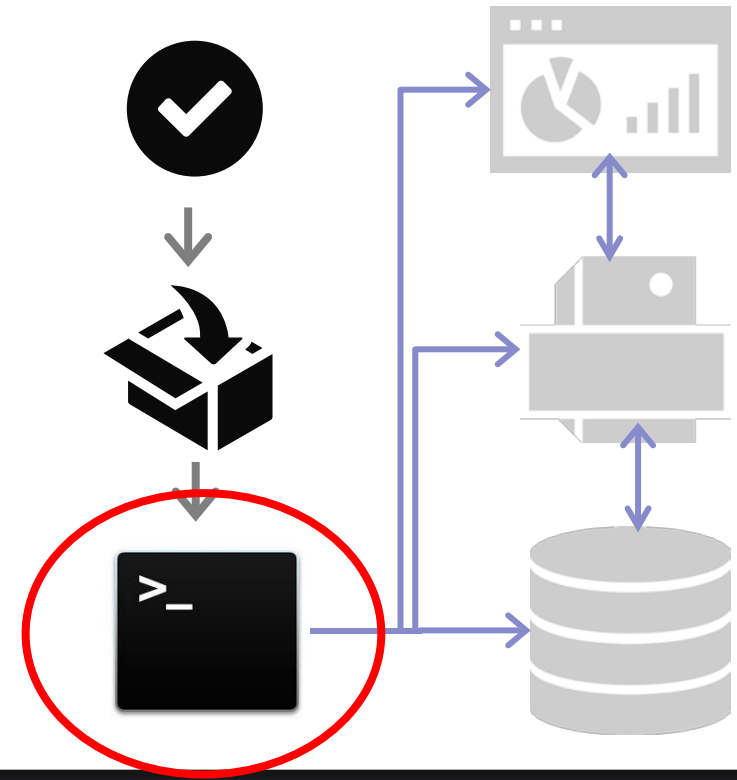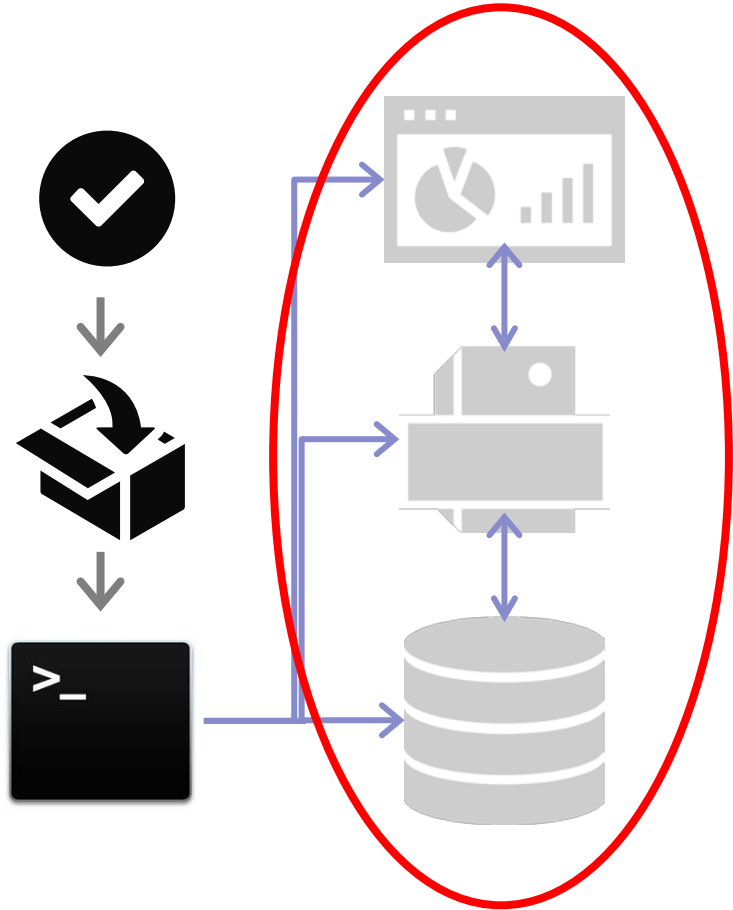
You Are Here

Ready to generate

Run the Slush Generator

Stand up a marklogic-node application
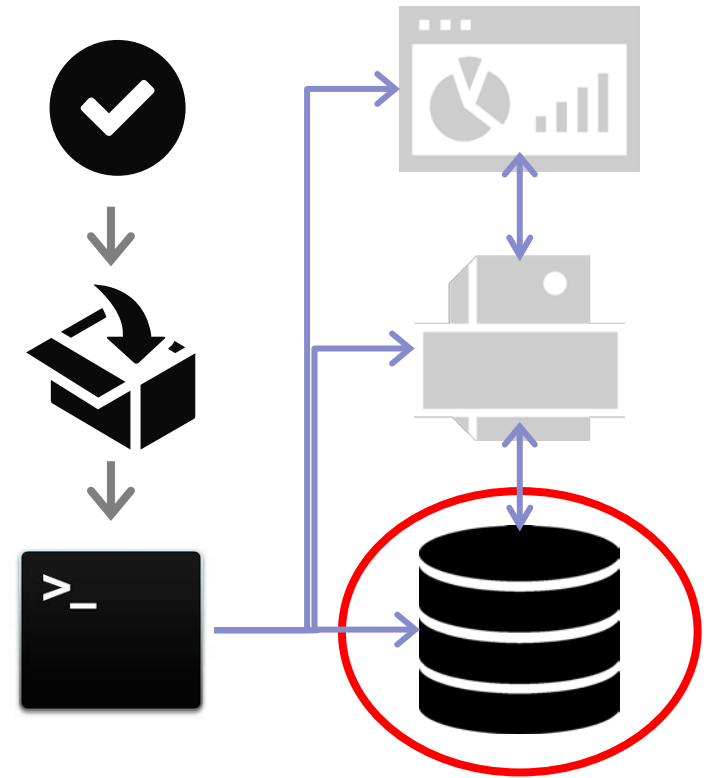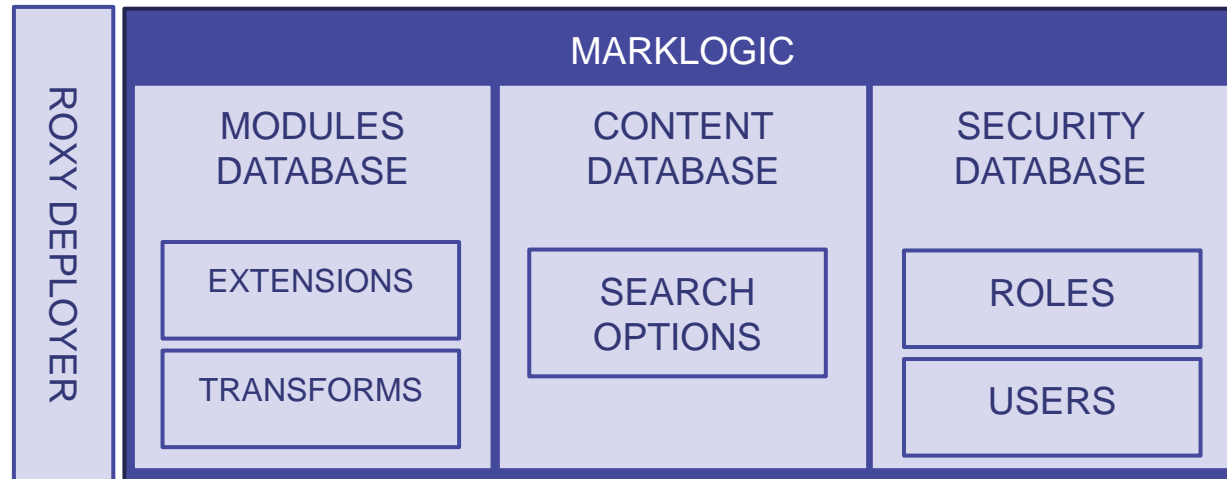
```
slush marklogic-node hello-mlworld
```

3 tier app out of the box

```
├── bower_components
├── data
├── deploy
├── dist
├── etc
├── node-server
├── node_modules
├── rest-api
├── src
└── ui
```
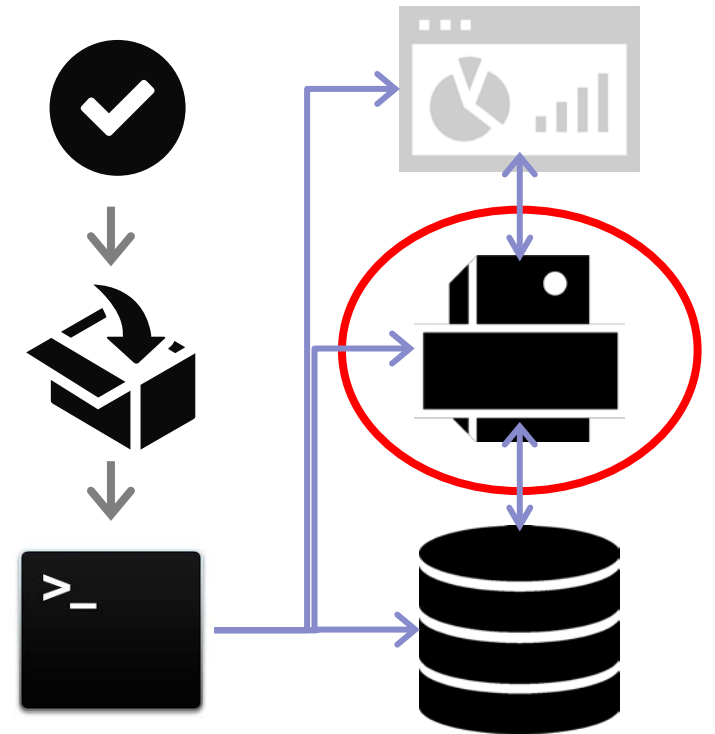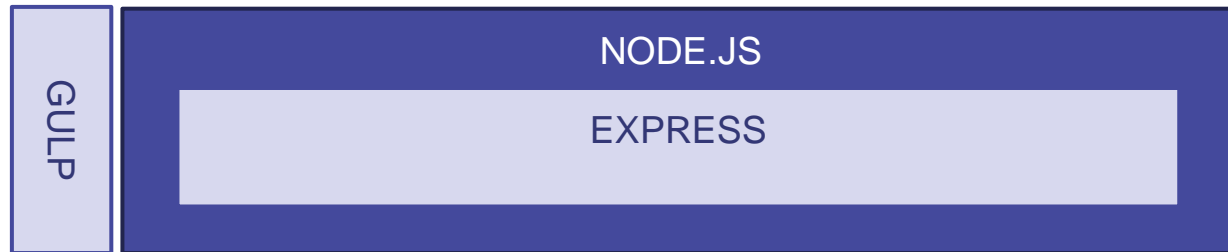
Database – MarkLogic

- Roxy deployer to configure the database
- Database, forest and App server
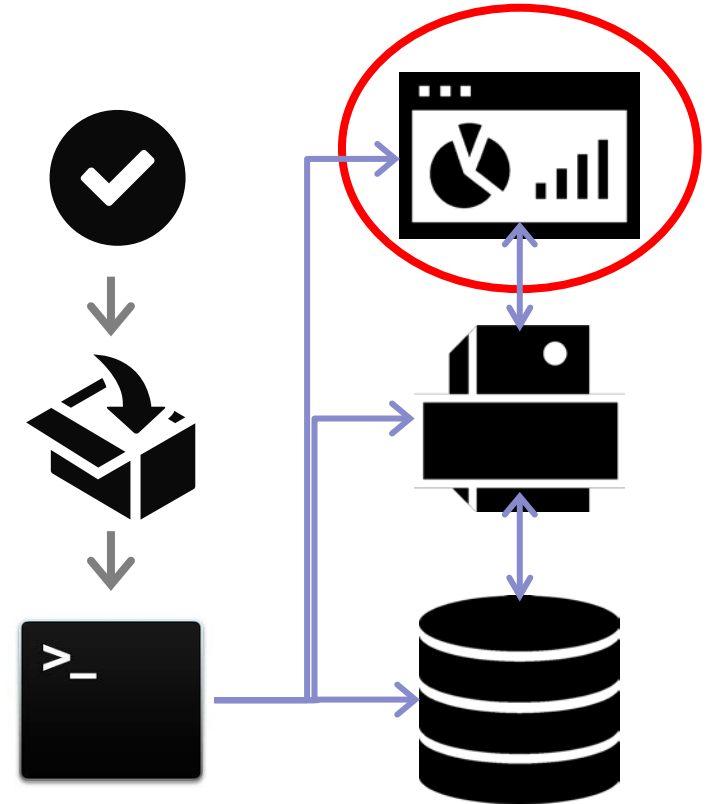- Search options, transforms, extensions
- Roles, users

Middle Tier – Node.js Application

- Gulp as build tool

- Node.js application with an Express listener

- Dependencies, folders

- Thin middle tier as proxy layer

GULP	NODE.JS
	EXPRESS

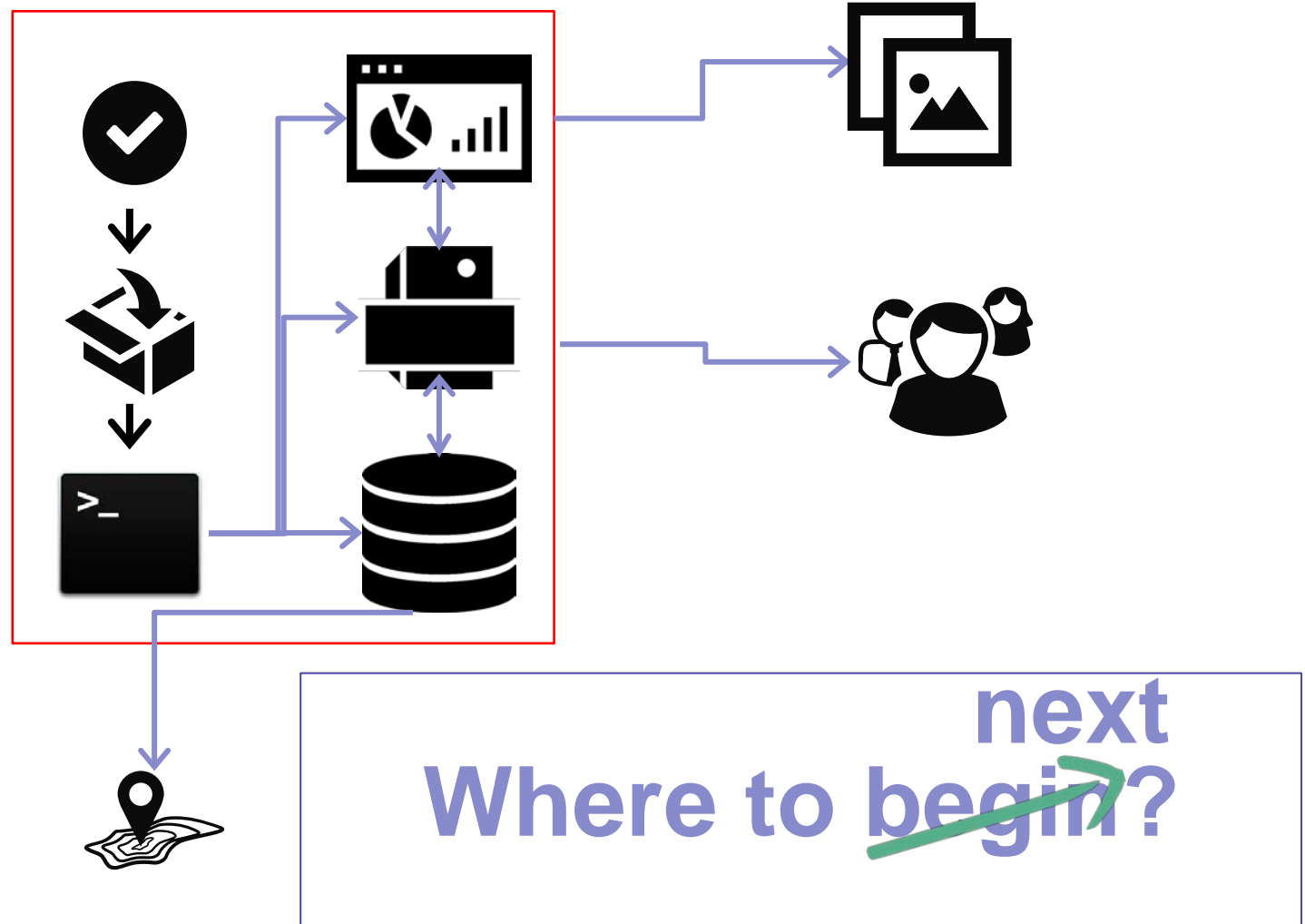# Front End – AngularJS SPA

- Single-page web application
- Bower for dependency management
- CSS, Bootstrap libraries

BOWER	ANGULARJS		
	BOOTSTRAP	CSS	HTML

You Are Here

- Are we done?

next

Where to begin?

Thank You!

- JavaScript + MarkLogic = fast, modern development

- Use slush-marklogic-node as a "map" to get started

- Leverage the community & the ecosystem:

  The Vanguard team maintains the project on GitHub

- Kasey Alderete, Product Manager, MarkLogic

  🐦 kaseya

  🐙 popzip

slush-marklogic-node