

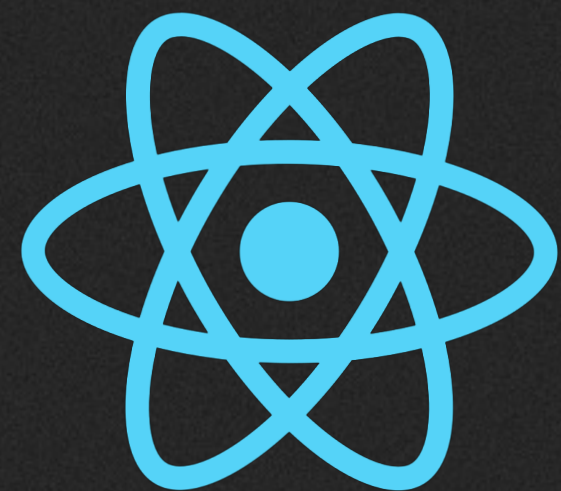
# Una Intro a Angular





# Acerca de Mi

- Apasionado por el Desarrollo web
- Participante de hackatones
- Freelancer
- Avid Learner



# Problemas Comunes

Performance

Multiplataforma

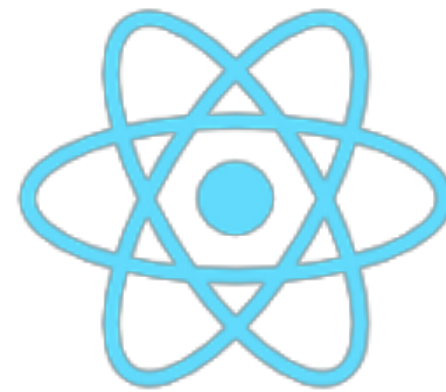
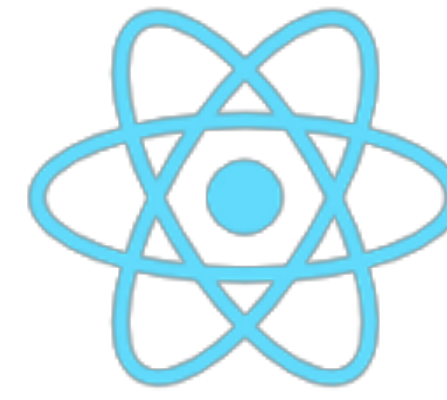
Dynamic

Soporte



Hare Mi Propio Framework  
de Javascript con ...



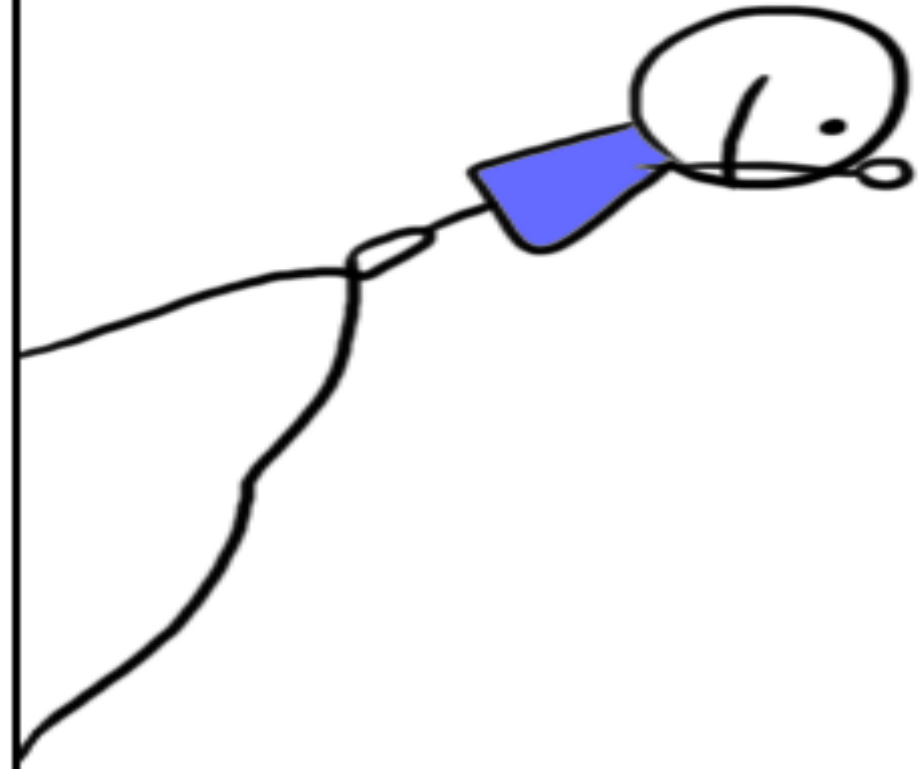




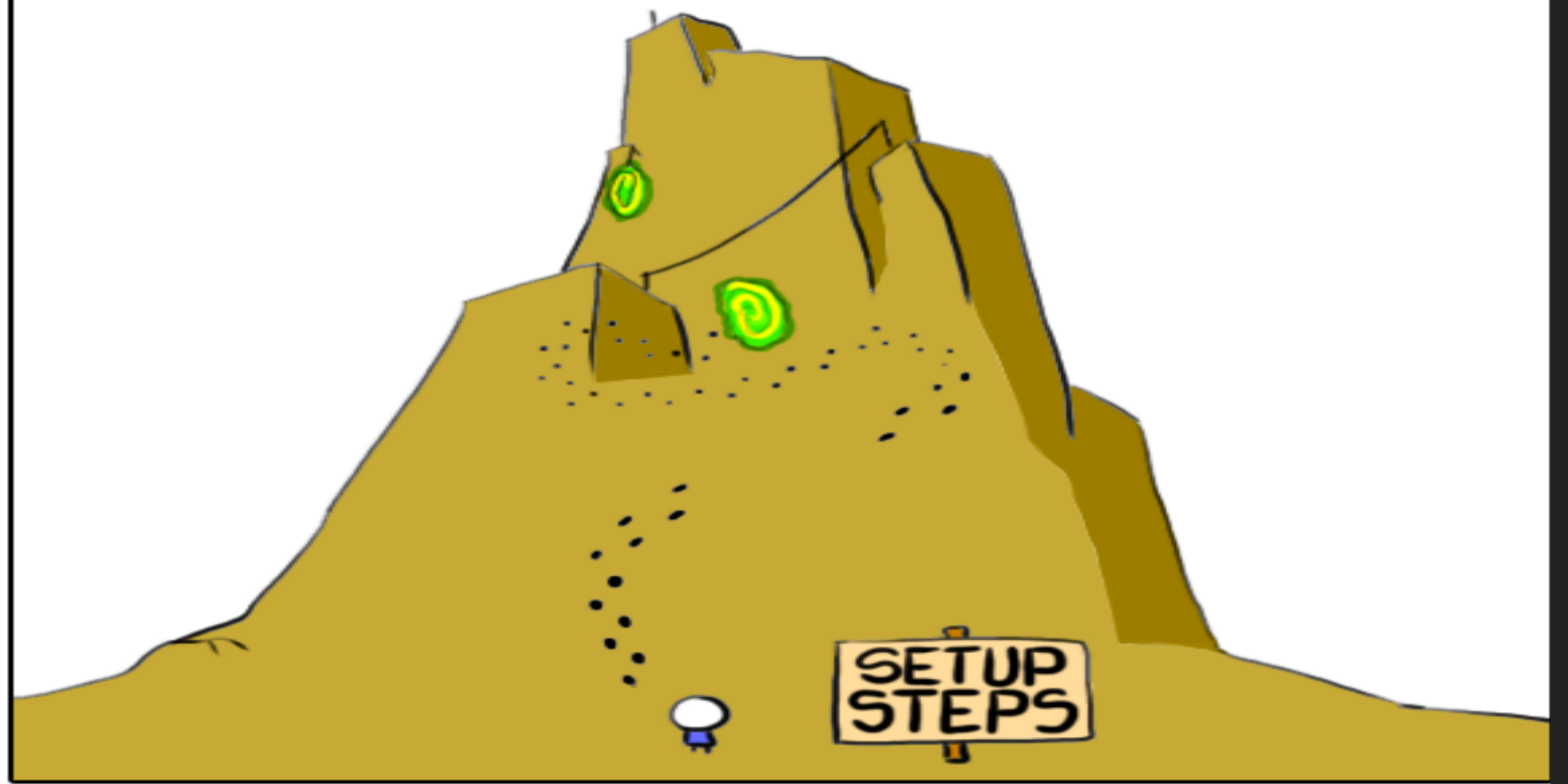
OH BOY!  
TIME TO  
DIVE INTO  
A NEW  
LIBRARY

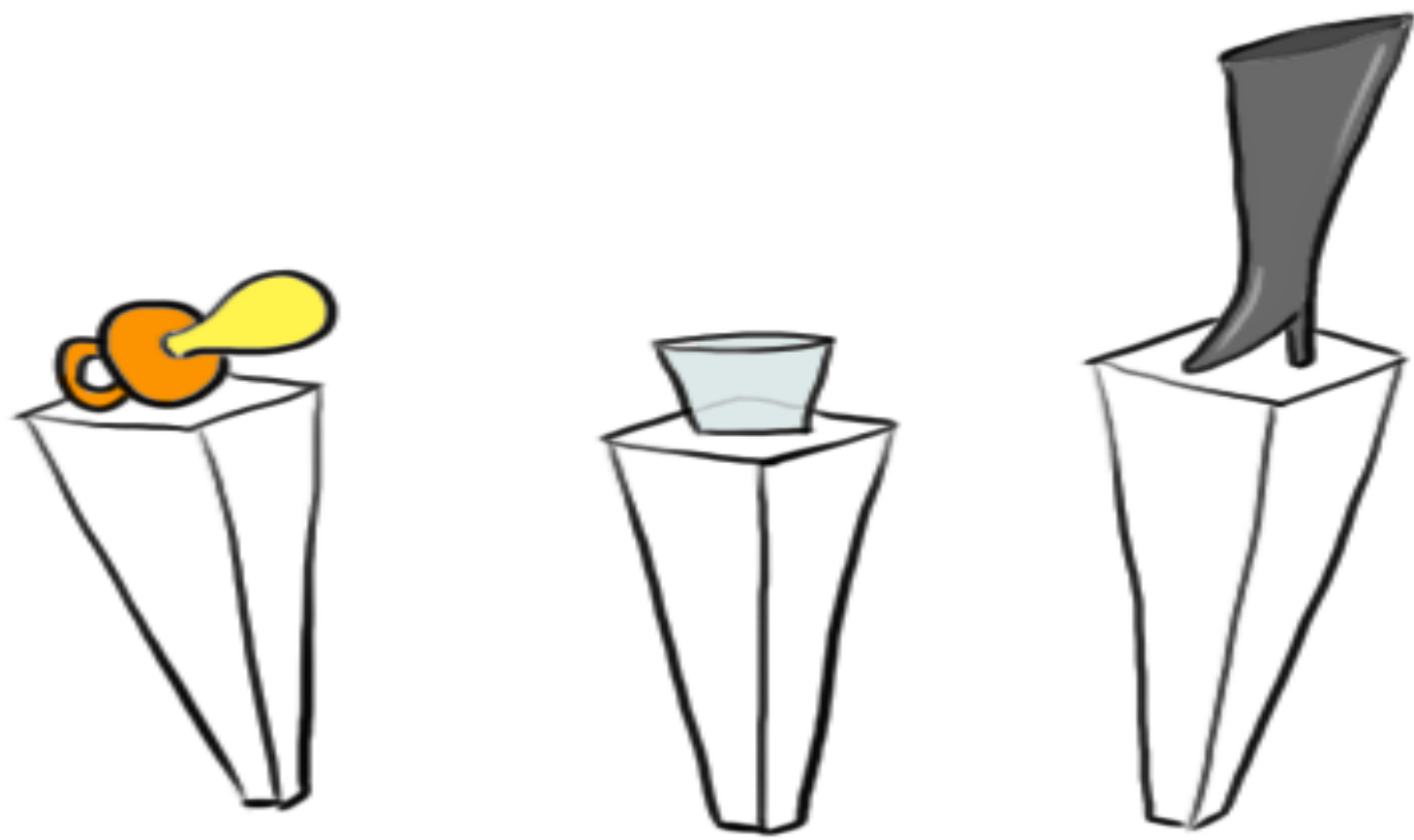


GITHUB

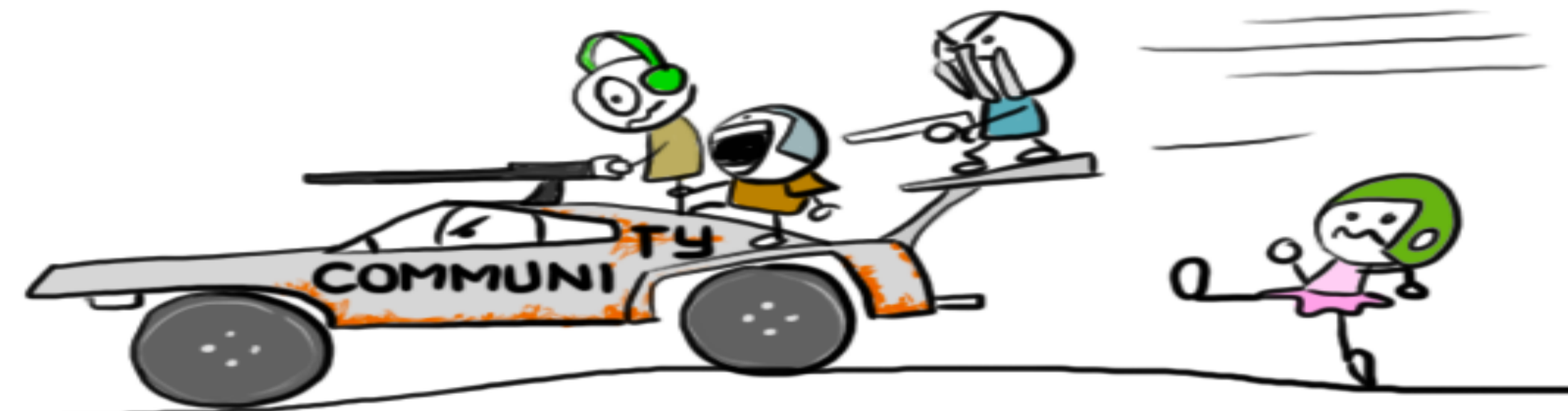


DOCUMENTATION





EXAMPLES



REGRET

ANXIETY

DEPRESSION

FRUSTRATION

ANGER





Que es Angular ?

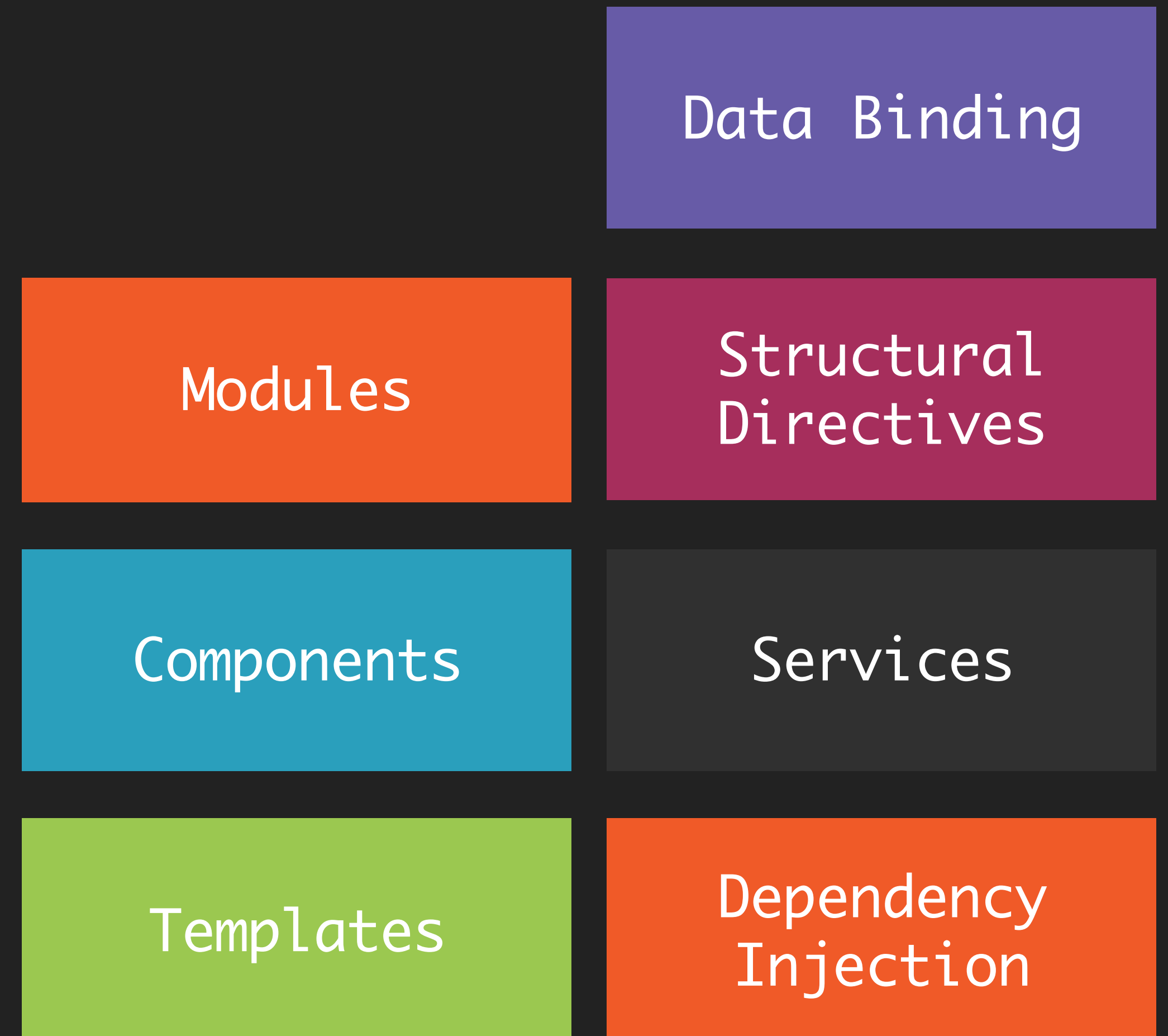


*“Angular es una **plataforma** de desarrollo que tiene como objetivo hacer que el desarrollo web se sienta sin esfuerzo. Las aplicaciones construidas con Angular se pueden implementar en **dispositivos móviles** y escritorios como sitios web y aplicaciones nativas”*

# Requisitos

- Typescript
- ES6
- Javascript
- NodeJS (npm)
- Webpack

# Conceptos Clave





# Hablemos de Arquitectura

- Capa de comunicación escalable
- Diseño modular y robusto
- Testeabilidad
- Gestión predecible del estado

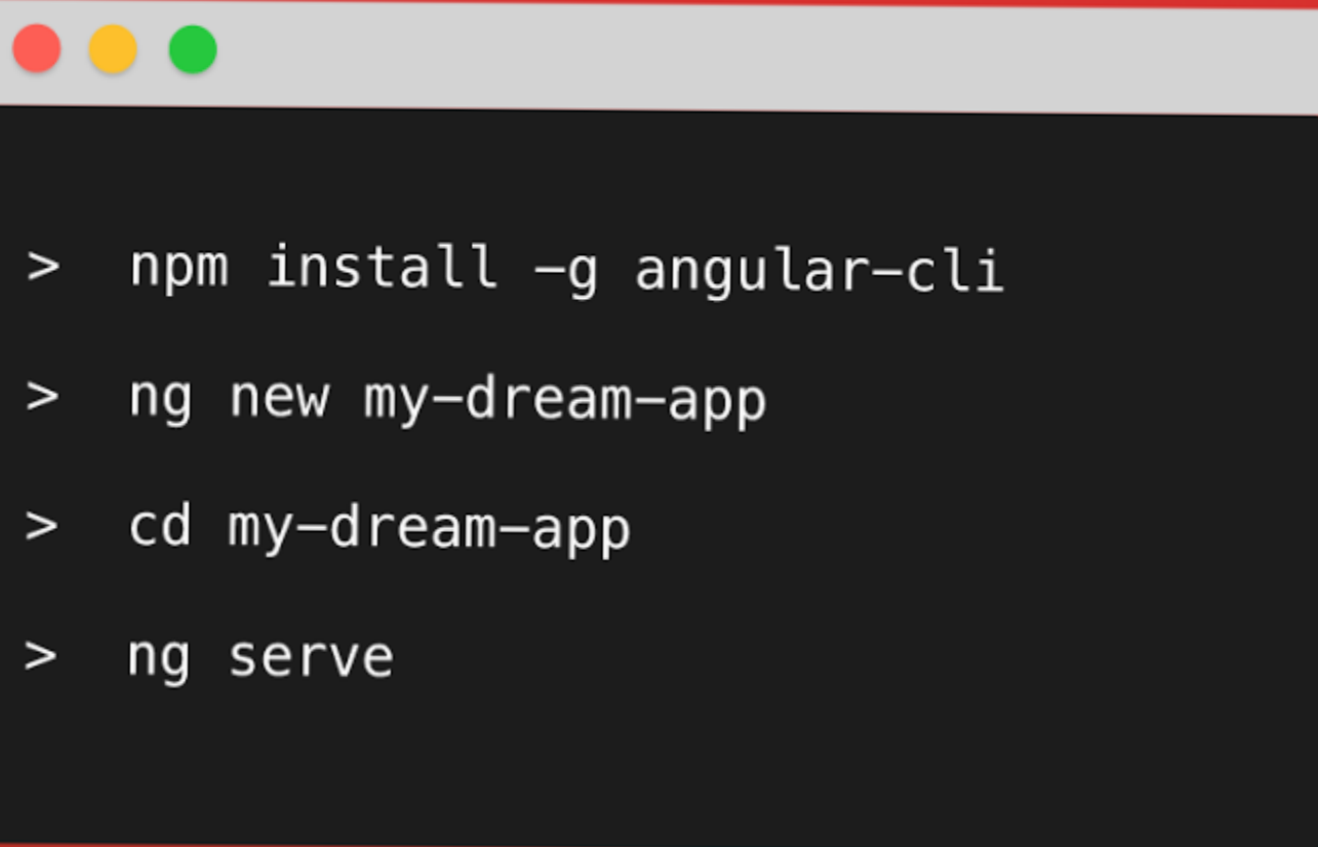
## LIFT

- Localizar nuestro código es fácil
- Identificar código de un vistazo
- Estructura plana mientras podamos
- Intente permanecer DRY (Do not repeat yourself) o T-DRY

# Herramientas





A terminal window with a light gray title bar containing three colored window control buttons (red, yellow, green). The terminal has a dark background and displays four commands in a light gray monospace font, each preceded by a prompt character '>'.

```
> npm install -g angular-cli  
> ng new my-dream-app  
> cd my-dream-app  
> ng serve
```

# Angular CLI

A command line interface for Angular

GET STARTED

## ng new

The Angular2 CLI makes it easy to create an application that already works, right out of the box. It already follows Angular best practices!

## ng generate

Generate components, routes, services and pipes with a simple command. The CLI will also create simple test shells for all of these.

# Angular Material

Material Design components for Angular apps

GET STARTED



# Testeo De Software



# Pruebas Unitarias





# Pruebas De Integracion





EN



# Proyectos Que Usan Angular

Bug tracking

Network planning

Datacenter  
allocations

UX Prototyping

Employee Reviews

Support ticketing

Compensation  
Planning

Dashboards

Product launch  
approvals

Release  
management

Knowledge  
management

Corporate directory

Advertiser  
optimizations

Recruiting workflow

Geo data curation



Novedades





# Angular Elements

- Publish it as a Web Component
- Easier to migrate to Angular
- Use with multiple frameworks

```
/ app.module.ts
import { HelloWorldComponent } from './hello-world';

export const CEComponents = [HelloWorldComponent];

@NgModule({
  imports: [BrowserModule],
  declarations: CEComponents,
  entryComponents: CEComponents
})
export class CustomElementsModule {
  ngDoBootstrap() {} // required in bootstrap module
}

/ main.ts
import { registerAsCustomElements } from '@angular/elements';
import { CEComponents, CustomElementsModule } from './app';

registerAsCustomElements(CEComponents, () => {
  return platformBrowserDynamic()
    .bootstrapModule(CustomElementsModule);
}).then(_ => {
  // application code goes here
}).catch(onError);
```

# New Renderer



## Ivy Renderer Goals

---

Smaller

Simpler  
debugging

Faster  
compilation

Non-breaking change



# Advantages

- Better speed improvements
- Size reduction of code via gzipped
- Faster compilation of code

- Size reduction of app
- Easier
- Increased flexibility
- Simpler process of Debugging

# Ivy Compiler



Angular



React



Vue



Golden Edition

Get your copy



Download

**octane-Box2D**

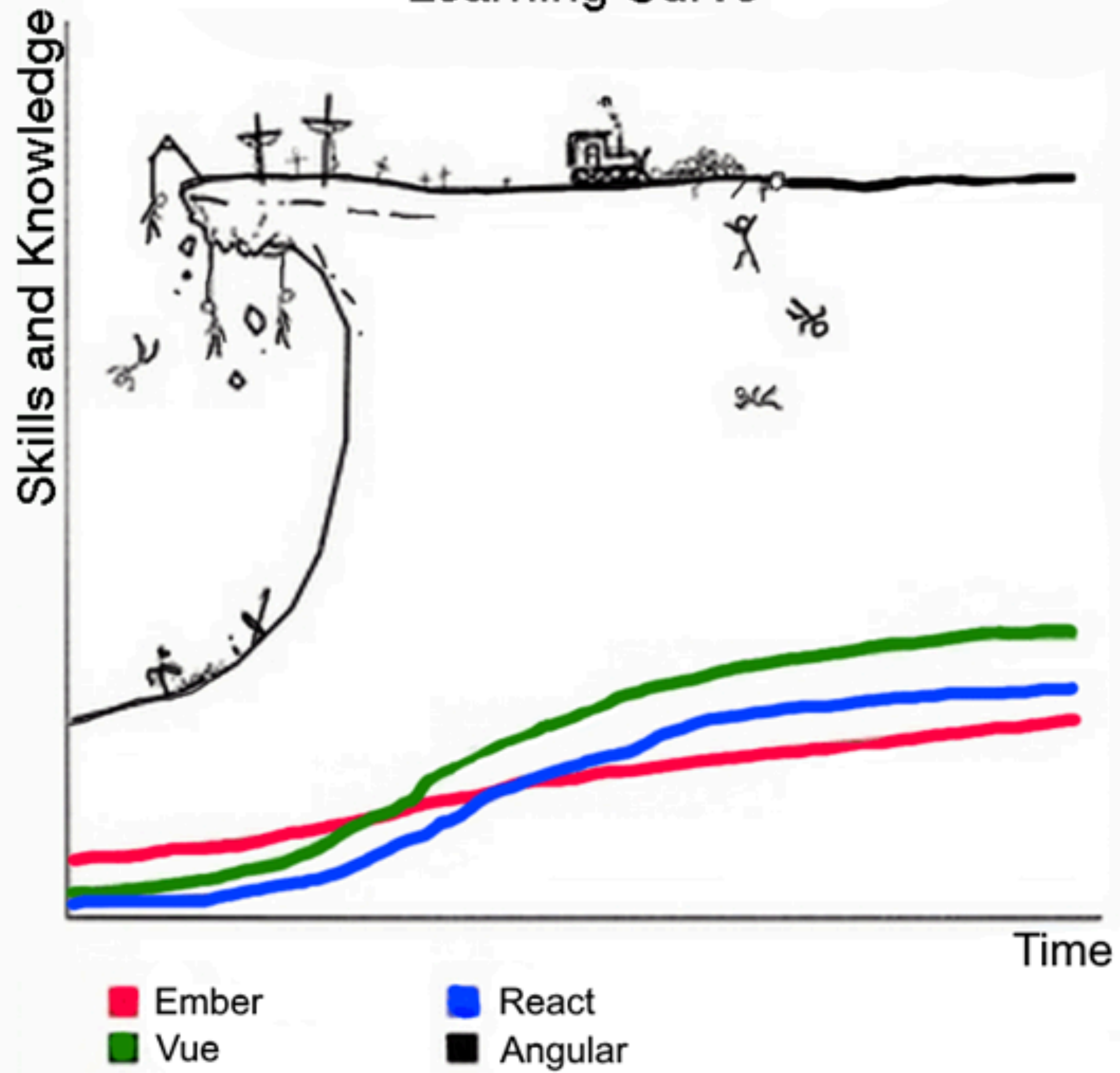




# Service Worker



## Learning Curve





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Gracias!