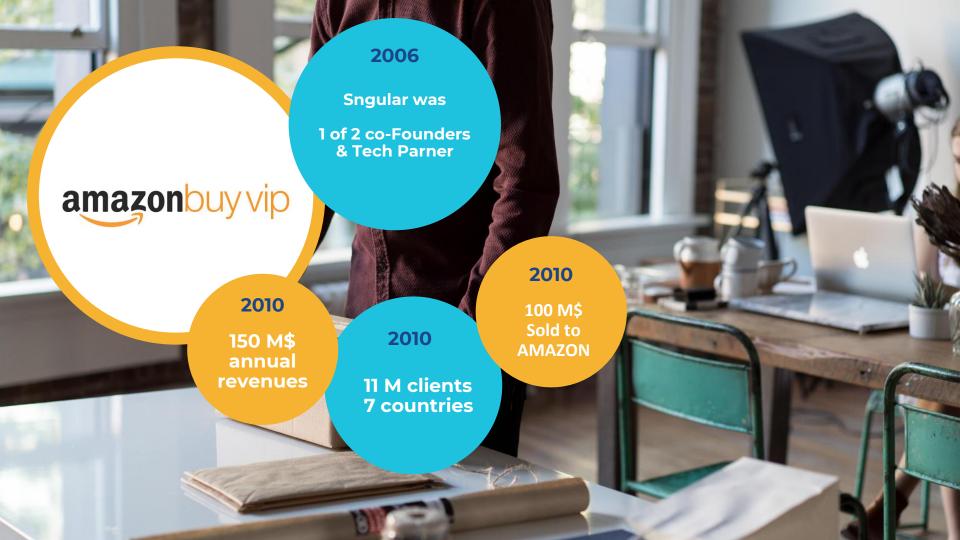
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Asturias Hacking ¡Bienvenidos a Sngular!





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Who trust us











bankinter.













































Sngular Oviedo

Proyectos

- Zara: Java + React
- Randstad: .Net + Angular6 + Mobile (IOs y Adroid) + WordPress
- Capsa .Net + Angular
- Tyssen, Gasori: IoT .Net
- Oney: PFM .Net + Angular
- Fundación Telefónica: QA AWS + WSO2 + Microservicios NodeJS + WordPress + Angular)

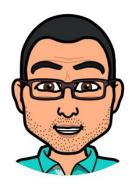
Perfiles

- Back
- Front
- Mobile
- IoT
- QA



Introducción al Front mediante:







Juan Manuel Rodríguez Pérez



@juan_manuel_rp



jmrp81





Azahara Fernández Guizán

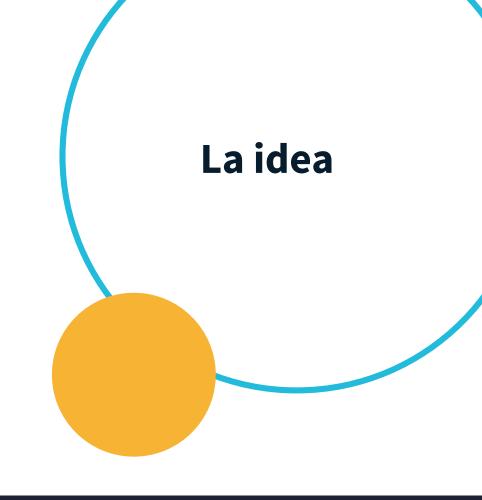


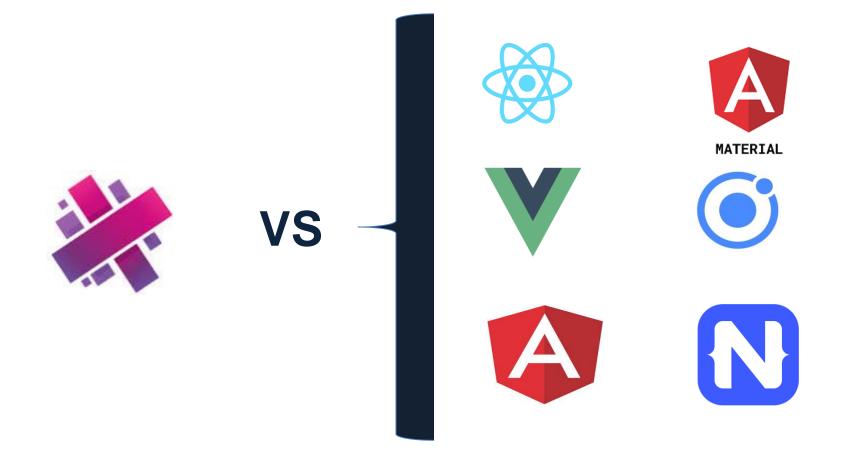
@Azahara_fergui



azaharafernandezguizan







Descripción de los frameworks



Aurelia es una colección de módulos Javascript que juntos permiten crear aplicaciones web, móvil o escritorio a partir de código abierto y cumpliendo estándares web.

Create next generation JavaScript apps today.

Forward-thinking

Written with next-generation EcmaScript, Integrates with Web Components. No external dependencies.

Leverage the technology of the future but target today's mobile, desktop and browser environments.

Two-Way Databinding

Our technology enables powerful two-way binding to any object. By using adaptive techniques we can select the most efficient way to observe each property in your model and automatically sync your UI with best-in-class performance.

Routing & UI Composition

Leverage our advanced client-side router with its pluggable pipeline, dynamic route patterns, child routers and asynchronous screen activation. Don't need a router but need dynamic, data-driven UI composition? We do that too.

Broad Language Support

Use ESS, ES 2015, ES 2016 and TypeScript. Aurelia's APIs were carefully designed to be consumed naturally from both today's and tomorrow's popular web programming languages.

Modern Architecture

Rather than taking the monolithic framework approach, Aurelia is composed of smaller, focused modules. Use them together as a full-featured framework or pick and choose to build a custom solution.

Extensible HTML

Aurelia's extensible HTML compiler lets you create custom HTML elements, add custom attributes to existing elements and control template generation, all with full support for dynamic loading, databinding and high-performance batched rendering.

MV* with Conventions

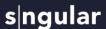
Who wants to waste time writing tons of configuration code for their MV* architecture? Simply leverage conventions to make constructing your app effortless. Don't like the conventions? Plug in your own or drop them altogether.

Testable

By combining ES 2015 modules with a simple, yet powerful Dependency Injection Container, we make it easy for you to create highly cohesive, yet minimally coupled code, making unit testing a snap.

Open Collective

Proud financial backers of Aurelia





Angular es un framework para aplicaciones web desarrollado en TypeScript, de código abierto, mantenido por Google.



DEVELOP ACROSS ALL PLATFORMS

Learn one way to build applications with Angular and reuse your code and abilities to build apps for any deployment target. For web, mobile web, native mobile and native desktop.

INCREDIBLE TOOLING

Build features quickly with simple, declarative templates. Extend the template language with your own components and use a wide array of existing components. Get immediate Angular-specific help and feedback with nearly every IDE and editor. All this comes together so you can focus on building amazing apps rather than trying to make the code work.

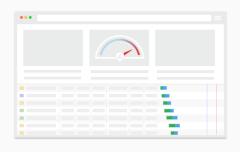
LOVED BY MILLIONS

From prototype through global deployment, Angular delivers the productivity and scalable infrastructure that supports Google's largest applications.

SPEED & PERFORMANCE

Achieve the maximum speed possible on the Web Platform today, and take it further, via Web Workers and server-side rendering.

Angular puts you in control over scalability. Meet huge data requirements by building data models on RxJS, Immutable.js or another push-model.





React es una biblioteca Javascript de código abierto para crear interfaces de usuario. Es mantenido por Facebook, Instagram y una comunidad de desarrolladores independientes y compañías.

Component-Based

Build encapsulated components that manage their own state, then compose them to make complex UIs.

Since component logic is written in JavaScript instead of templates, you can easily pass rich data through your app and keep state out of the DOM.

Declarative

React makes it painless to create interactive Uls. Design simple views for each state in your application, and React will efficiently update and render just the right components when your data changes.

Declarative views make your code more predictable and easier to debug.

A Simple Component

React components implement a render() method that takes input data and returns what to display. This example uses an XML-like syntax called JSX. Input data that is passed into the component can be accessed by render() via this.props.

JSX is optional and not required to use React. Try the Babel REPL to see the raw

JavaScript code produced by the JSX compilation step.

```
LIVE JSX EDITOR

✓ JSX?

                                                                     RESULT
                                                                     Hello Taylor
class HelloMessage extends React.Component {
     return (
        Hello {this.props.name}
ReactDOM.render(
  <HelloMessage name="Taylor" />,
  mountNode
```

Learn Once, Write Anywhere

We don't make assumptions about the rest of your technology stack, so you can develop new features in React without rewriting existing code.

React can also render on the server using Node and power mobile apps using React Native.





Vue.js es un framework Javascript de Código abierto, creado para construir interfaces de usuario.

Versatile

An incrementally adoptable ecosystem that scales between a library and a full-featured framework.

Approachable

Already know HTML, CSS and JavaScript? Read the guide and start building things in no time!

Performant

20KB min+gzip Runtime Blazing Fast Virtual DOM Minimal Optimization Efforts



Unobtrusive reactivity system



Vue offers Optimized re-rendering

Reactivity

HTML-based template syntax

Declaratively bind the DOM to the underlying Vue instance's data



Directly write render functions using JSX



have Vue Instance functionality



Maintainab and easier to use extend basic HTML elements to encapsulate reusable code

<made

by>

Automatically apply classes for CSS transitions and animations



Transitions

Integrate third-party JavaScript animation I ibraries, such as Velocity.is



Use JavaScript to directly manipulate the DOM during transition hooks Easy Interface to change what is displayed on the page based on the URL path



Routing

Supports mapping nested routes to nested

components

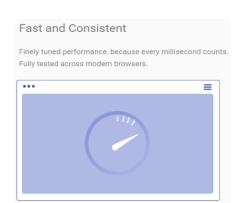
Open source "vue-router" package provides an API to change browser URL

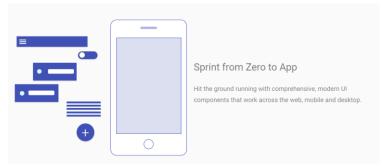




Material design es una normativa de diseño enfocado en la visualización del sistema operativo Android, además en la web y en cualquier plataforma. Fue desarrollado por Google











Ionic es un SDK de código abierto para desarrollo de aplicaciones móviles híbridas creado por Drifti Co. La primera version se creó sobre AngularJS y Apache Cordova, pero las mas nuevas ya vienen creadas solo sobre Angular.

Everything in one experience.

Spend more time on what matters. **Ionic Pro** takes care of the rest, with a suite of powerful mobile development tools and services for apps of all shapes and sizes.



Better apps

Build apps your users will love, with simple app sharing, feedback and monitoring to craft the perfect app experience.



Faster development

Quickly prototype and test new concepts, and speed up development to bring more ideas to market in less time.



Happier devs & teams

Keep it simple with developer-friendly tools, easy collaboration, and everything you need in one place.



NativeScript es un framework open source para desarrollar aplicaciones iOS y Android. Fue desarrollado e ideado originalmente por Progress y las aplicaciones pueden escribirse tanto en Javascript como en TypeScript.



Native Performance

Beautiful, accessible, platform-native UI - without WebViews. Define once and let NativeScript adapt to run everywhere, or tailor the UI to specific devices and screens. This is one of the reasons SAP chose NativeScript.



Extensible

Easily reuse existing plugins from npm, CocoaPods (iOS), and Gradle [Android] directly in NativeScript projects, plus hundreds of NativeScript plugins.



Easy to learn

Use the web skills you already have to develop truly native apps with JavaScript, CSS, and Native UI markup.



Cross-Platform

Write and deploy native mobile apps for iOS and Android from a single codebase. Use Angular or Vue to share existing web-based code.



Strong Backing

Backed by Progress (PRGS) -

Decades of experience creating and supporting software for developers. Mission-critical enterprise support is available.



Free and Open Source

NativeScript is 100% free and open source, Apache 2 licensed.













https://aurelia.io

https://www.uno-de-piera.com/aurelia-un-gran-framework-javascript

https://github.com/azaharafernandezguizan/STEMTrivial



https://reactjs.org

https://www.udemy.com/aprendiendo-react

https://github.com/azaharafernandezguizan/STEMTrivialReact

@midudev



https://github.com/jdonsan/estudiando-vue-js

@jdonsan



https://docs.nativescript.org/tutorial/chapter-0

https://github.com/jmrp81/NativeScript



https://angular.io/

https://github.com/azaharafernandezguizan/STEMTrivialAngular

@carlosazaustre



https://material.angularjs.org/

https://github.com/jmrp81/HelloWorldMaterialAngular

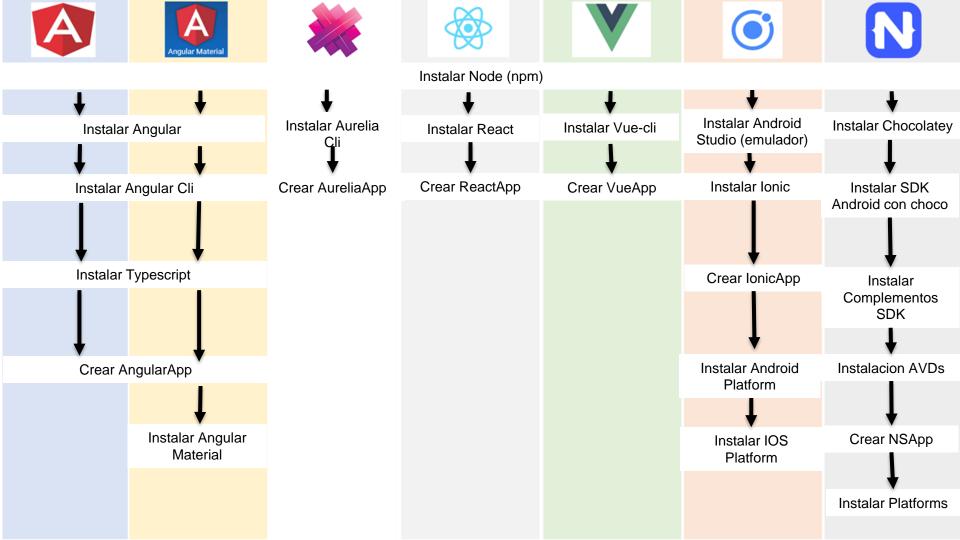


https://ionicframework.com/

https://github.com/jmrp81/lonic

@carlosazaustre



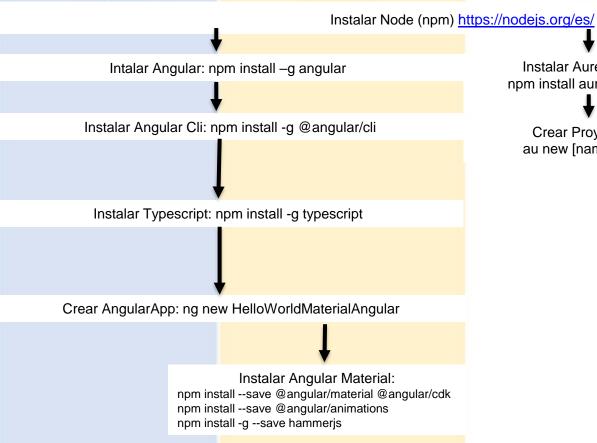






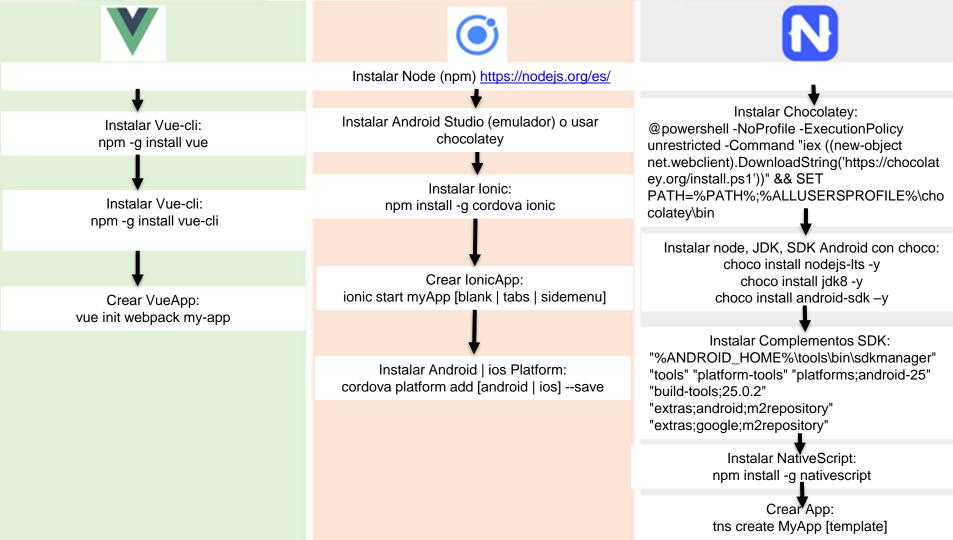






Instalar Aurelia Cli: npm install aurelia-cli -g Crear Proyecto: au new [nameApp]

Instalar React: npm install -g create-react-app Crear ReactApp: create-react-app [nameApp]







.gitignore

A angular.json

M README.md

T& tsconfig.json

tslint.json

package-lock.json

package.json



.gitignore

A angular.json

package-lock.json

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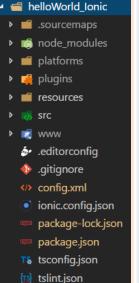
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HelloWorld_NS ▶ 👼 app ▶ **iii** hooks ▶ node_modules ▶ ■ platforms package-lock.json package.json T& tsconfig.json















item-detail.component.html

🕵 item-detail.component.js

(A) item-detail.component.ts

items.component.html

🕵 items.component.js

🔼 items.component.ts

app.component.html

app.component.js

app.module.js

app.module.ts

app.routing.js

app.routing.ts

JS main.aot.js

main.js
main.ts
package.json
README.md

main.aot.ts

app.component.ts

app.module.ngfactory.d.ts

App Resources

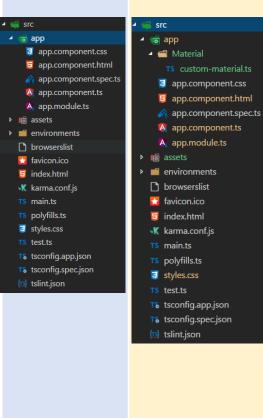
JS item.js

TS item.ts

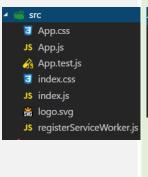
app.css

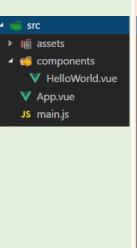
item.service.js

item.service.ts









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🥫 app.html	
🤼 app.module.ts	
🖇 app.scss	
TS main.ts	
▶ 📵 assets	
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▶ mill home	
▶ ii list	
▶ iii theme	
🥫 index.html	
{} manifest.json	
JS service-worker.js	

s ngular it can be done.









www.sngular.team

Spain | Mexico | United States

