



Javier de Arcos & Luis Miguel Barcos

# Building an SPA using Liferay's Headless APIs



# Prerequisites

To follow the workshop you will need:

- Git
- Java 8 (OpenJDK o Java Oracle)
- Node.js with npm
- Your favourite IDE

Optional but desirable:

- Blade



# In the meantime

Clone the git repositories we will use:

- `git clone https://github.com/javierdearcos/Liferay-Travels-Back.git`
- `git clone https://github.com/LuismiBarcos/Liferay-Travels-Front.git`

Go to the Liferay Travel Back repository and init the Liferay Workspace:

- `blade server init` or `gw initBundle` in Liferay-Travels-Back repository
- `npm install Liferay-Travels-Front` repository



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## Purpose

Create a SPA using the Headless APIs to explore the existing and new features added in Liferay 7.3 in the Headless APIs

# 01

Explore the  
Headless API

# 02

Extend a  
Headless API

# 03

Create a  
custom API

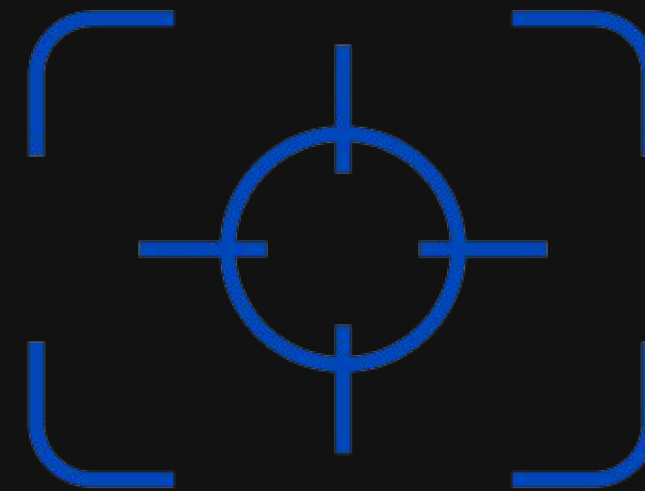


# Goal

Create an application to plan our next travel.

The application is a simple app to manage the travels of our team.

Our team has trips planned consisting in multiple stages to visit new cities or make some activities.



# *Lifera Travel*

SIGN IN





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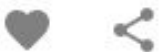
Victor Galán  
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Christmas travel  
Thu Dec 24 2020



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Birthday travel  
Tue Nov 17 2020



Summer travel  
Mon Jul 05 2021



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Team travel  
Sun Nov 01 2020





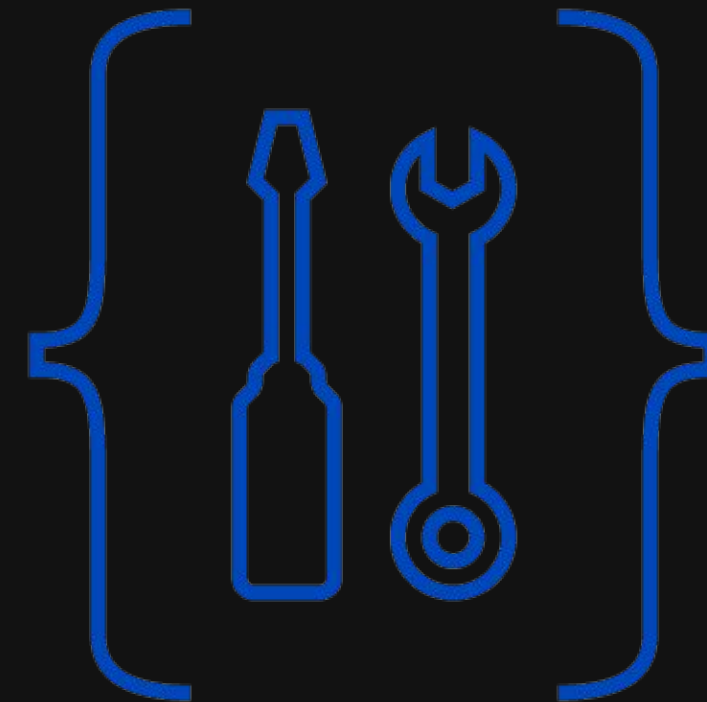
# Tools

Technologies in the front-end:

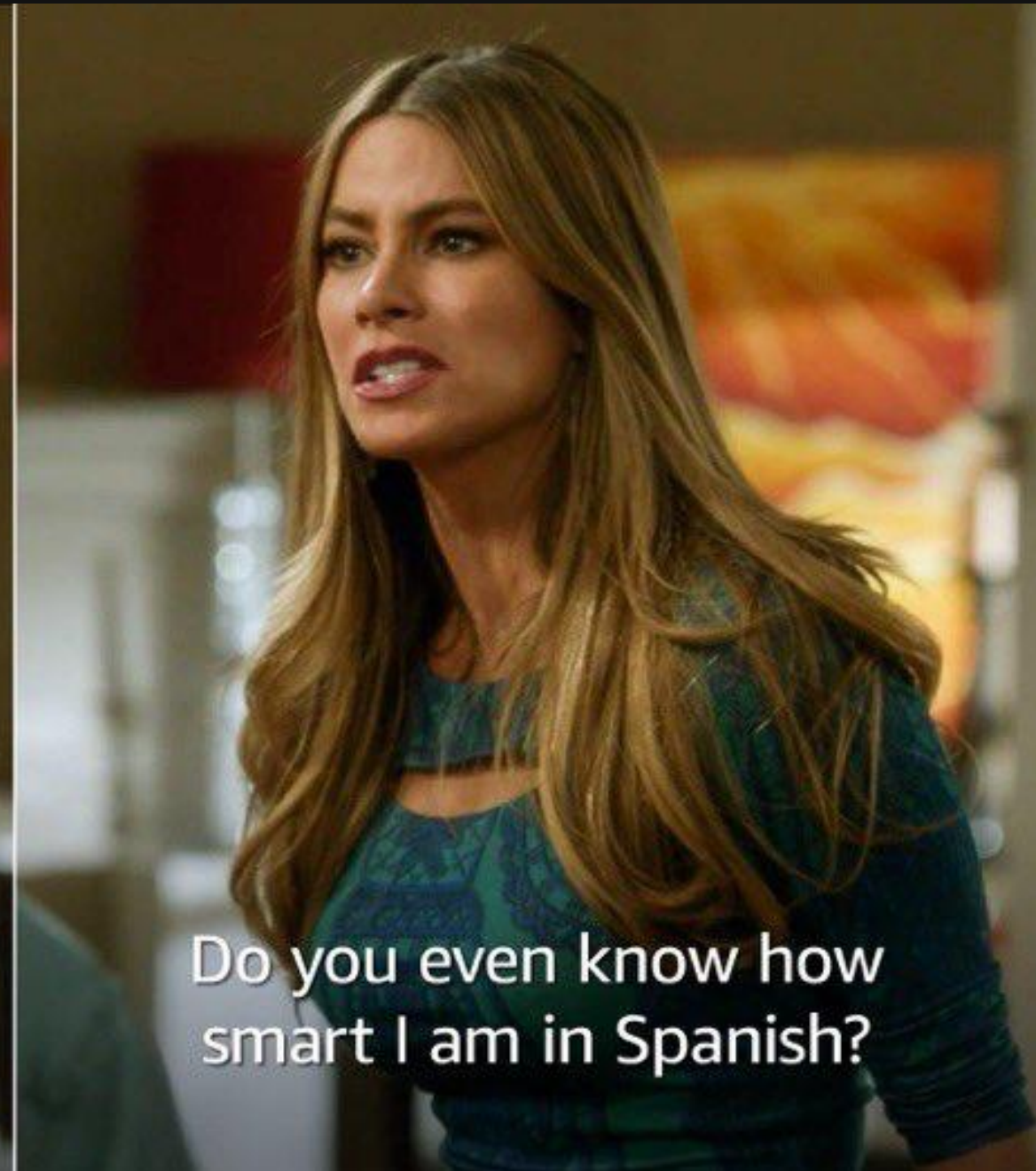
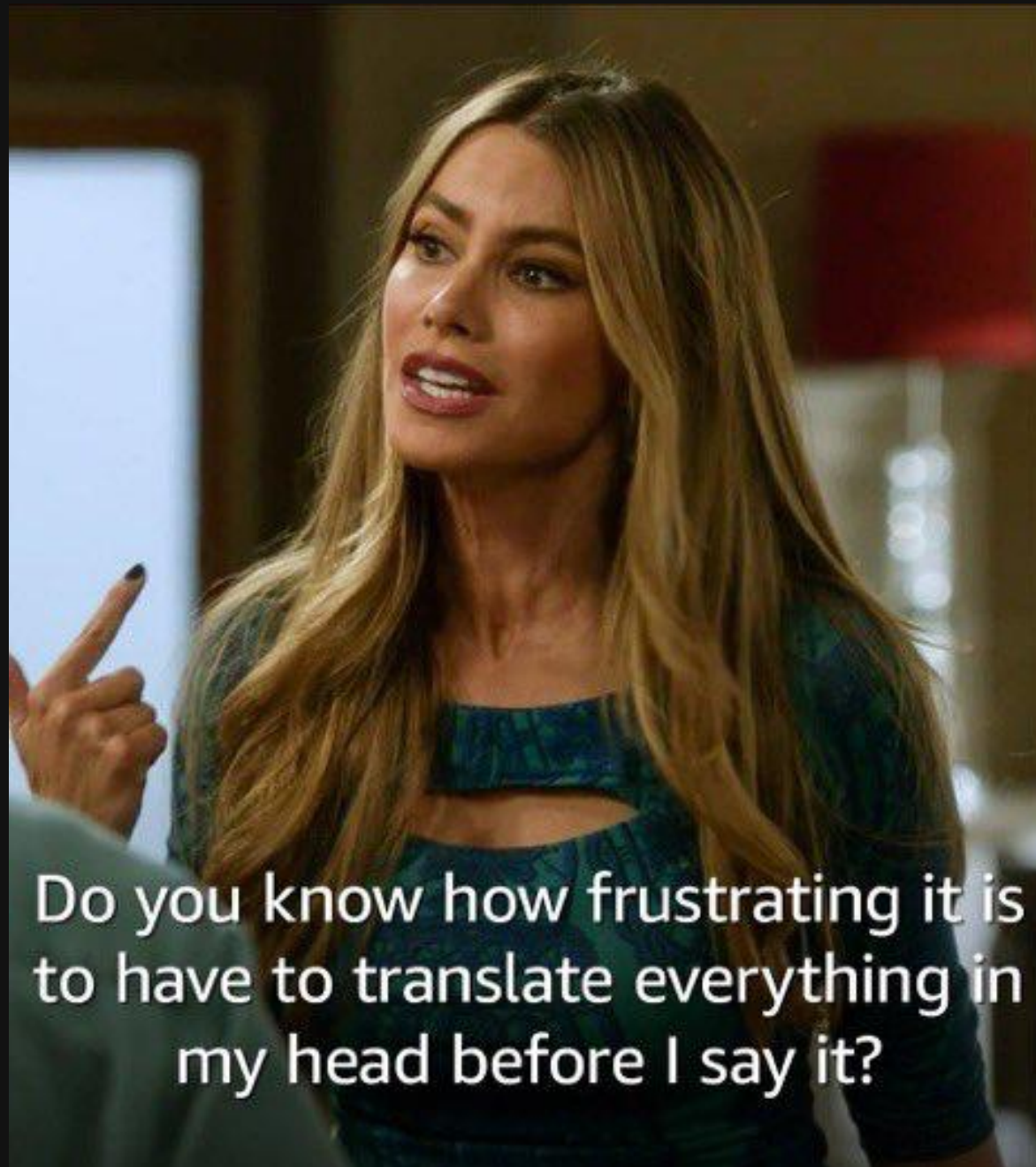
- React
- GraphQL Apollo client

Technologies in the back-end:

- Liferay CE 7.3 GA6



# Disclaimer!



**Enjoy the session!**





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