

Objective

The object of this workshop is to learn how to use Angular's HttpClient to make AJAX invocations to a Spring Boot application. The Spring Boot application should support CORS.

Setup

- Clone day 26 (MongoDB, boardgames) workshop. Create a branch.
- Create a new Angular project

Workshop

Task 1

Add CORS support to the SpringBoot application

Task 2

Write an Angular application that queries the SpringBoot application for a list of games from the `/games` endpoint.

The diagram shows a web application interface. At the top, there is a label 'Games per page:' followed by a text input field containing the number '8' and a dropdown arrow. Below this is a table with 8 rows, each containing a board game title. At the bottom of the table are two buttons: 'Previous' and 'Next'.

Games per page:
8
Gloomheaven
Pendemic Legacy: Season 1
Carcassonne
Twilight Imperium 4th Edition
Spirit Island
Star Wars: Rebellion
War of the Ring: 2nd Edition
Scythe
Previous
Next

Display the result as a list.

You should be able to specify the number of results returned.

There should also be buttons to navigate through the list.

An example of the view is shown in the diagram to the left.

Create a component to display the view.

Task 3

Add an application manifest. You can find an online generator here

<https://manifest-gen.netlify.app>

Task 4

Deploy the Mongo database to either Railway or Mongo Atlas

Deploy the SpringBoot application to Railway

Deploy the Angular application to Vercel

Commit your code after you have completed the workshop.

Optional Workshop

Only attempt this if you have completed the workshop.

Use Angular Material components in the weather application