

Movie search

IR Project - Stefano Taillefert

Main idea

Step 1: Crawl sites like IMDb, RottenTomatoes, allmovie.com

Step 2: Get movies metadata (title, description, rating, ...)

Step 3: Index all the data

Step 4: ? 

Step 5: Profit



Focus

Simplicity of installation and usage

Versatility and power

Easily extendable



Nice and clean UI



IR project - movie search

Genre

All genres ▾

Search by title, description or year

SEARCH 🔍

PREV

NEXT

Title

Year

Rating

Genre

Description

Link

☰ Title

☰ Year

☰ Rating

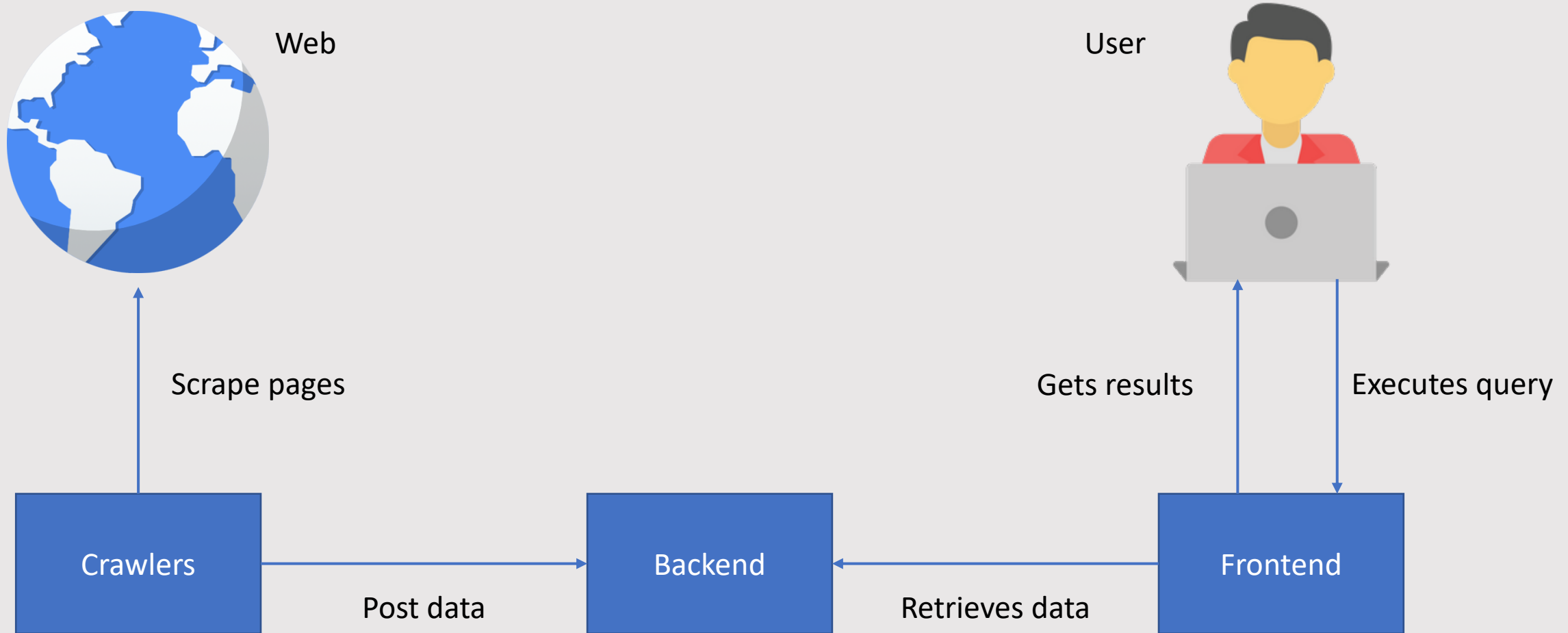
☰ Genre

☰ Description

☰ Link

No records to display

Components



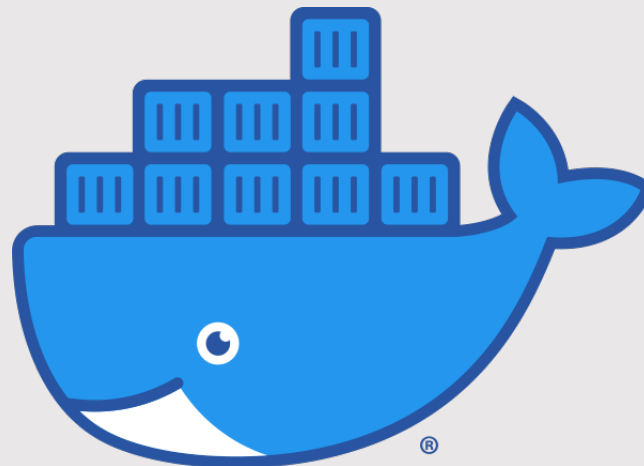
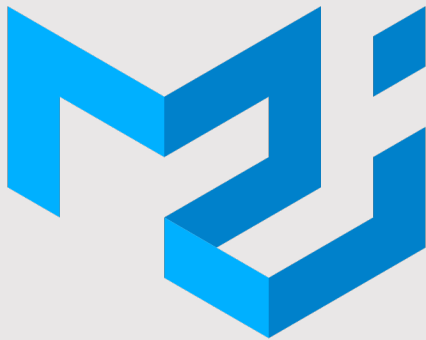
Tech stack



Scrapy

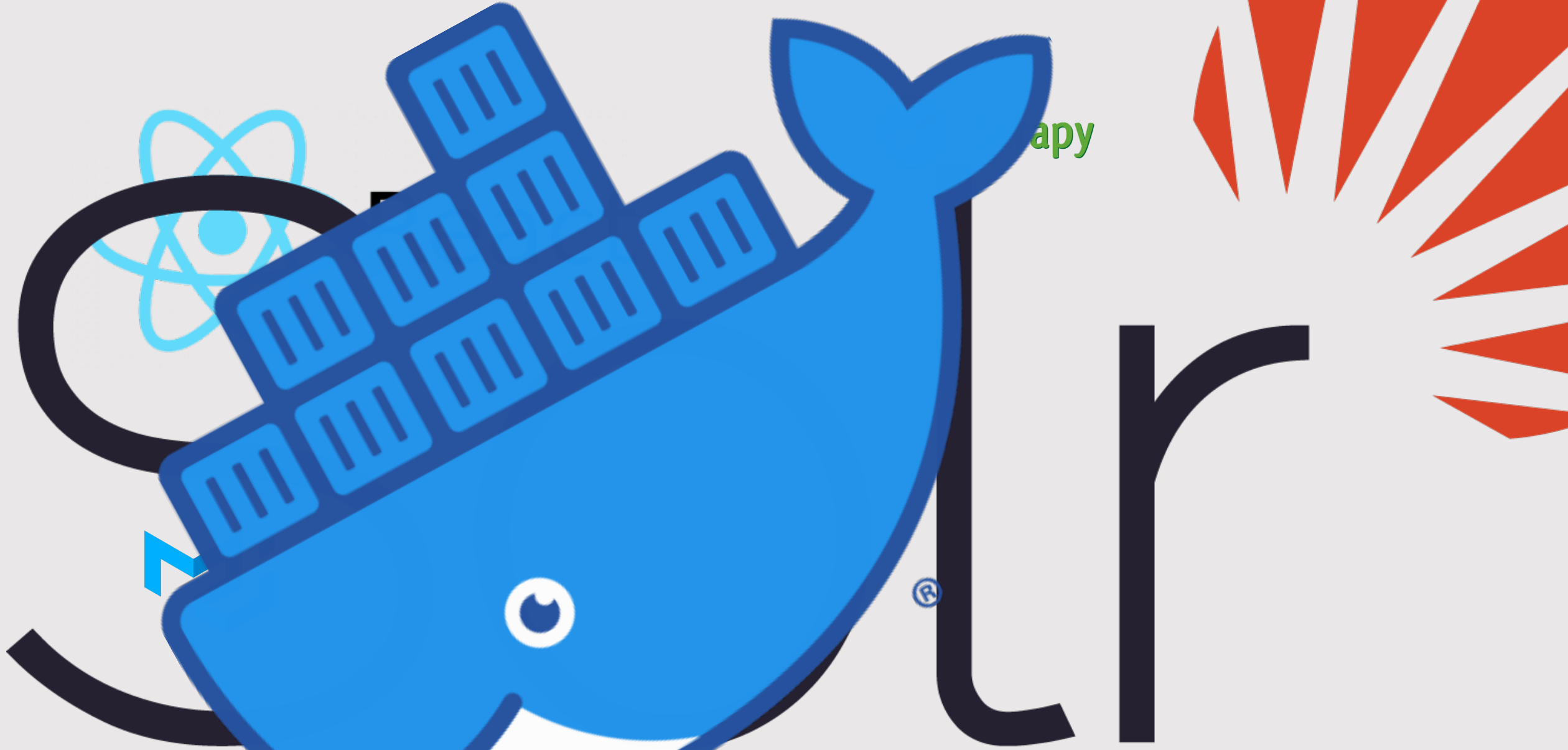


React



Solr 

Tech stack (scaled)



Problems encountered

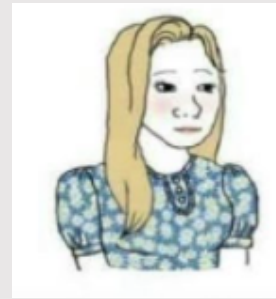
Had to adapt some React components to custom behaviour

Docker networking adds complexity

Enabling clustering broke my Solr

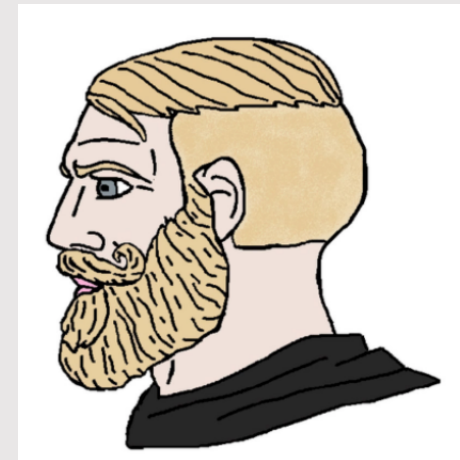


User evaluation



User1 and User2: very good, intuitive, easy to use, nice features

User3: change half of the site because it's redundant



Me: okay

Questions



Demo time!

