



# Spartacus Training

Day 7



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# What are we going to do today?

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- ❑ We learn the basics of NGRX. No code required.
- ❑ We are going to learn the basic implementation of PLP/search result page.
- ❑ We are going to add some custom functionality in the PLP page.



# Learning the redux behind it.

Installing with npm

```
npm install @ngrx/store-devtools --save
```

Installing with yarn

```
yarn add @ngrx/store-devtools
```

Installing with ng add

```
ng add @ngrx/store-devtools -----(preferred)
```

<https://ngrx.io/guide/store-devtools/install>

<https://ngrx.io/guide/store-devtools#installation>



# Redux dev-tools

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<https://chrome.google.com/webstore/detail/redux-devtools/lmhkpmbekcpmknklieibfkpmmfibljid?hl=en>

To View the redux states and changes we need to install the extension called Redux DevTools.



# What's the structure of search API response?

```
breadcrumbs: []
▶ currentQuery: {query: {value: "1:relevance"}, url: "/search?q=1%3Arelevance"}
▶ facets: [{category: true, multiSelect: false, name: "Category", priority: 2147483646,...},...]
  freeTextSearch: "1"
▶ pagination: {currentPage: 0, pageSize: 10, sort: "relevance", totalPages: 18, totalResults: 175}
▶ products: [{code: "4567174", configurable: false, configuratorType: "",...},...]
▶ sorts: [{code: "relevance", name: "Relevance", selected: true},...]
type: "productCategorySearchPageWsDTO"
```



# Data Sharing

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<https://fireship.io/lessons/sharing-data-between-angular-components-four-methods/>



# Exercise

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1. Add a items per page dropdown which will show 20, 50, 100, 200 records on search listing page.
2. Add a feature/button to go to the last page available on search result page. In case only 1 page is available do not the button.
3. Implement “reset all” button on filters.
4. For those who wants to learn more on NGRX. Print the current global state into console.

The image features a dark blue background with four decorative geometric patterns in the corners. The top-right corner has a teal diamond grid pattern. The bottom-left corner has a teal stepped line pattern. The bottom-right corner has a teal zigzag line pattern. The top-left corner is empty. The text "Thank you !" is centered in a bold, orange font.

**Thank you !**

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