

Pagination - Keyword Search



Pagination

Search for products ...

Search

19.22 2

Books

Coffee Mugs

Mouse Pads

Luggage Tags

Mouse Pad - Express

Mouse Pad - Cherokee

Mouse Pad - Sweeper

Mouse Pad - Aspire

Mouse Pad - Dorian

\$17.99

\$17.99

Add to cart

Add to cart

Add to cart

« « 1 2 3 4 5 » »»

Page Size 5

Development Process

Step-By-Step

1. Add pagination support to ProductService
2. Update ProductListComponent to handle pagination

Step1: Add pagination support to ProductService

File: product.service.ts

```
searchProductsPaginate(thePage: number,  
                      thePageSize: number,  
                      theKeyword: string): Observable<GetResponseProducts> {  
  
    const searchUrl = `${this.baseUrl}/search/findByNameContaining`  
    + `?name=${theKeyword}&page=${thePage}&size=${thePageSize}`;  
  
    return this.httpClient.get<GetResponseProducts>(searchUrl);  
}
```

Pass in parameters for pagination

Spring Data REST supports pagination out of the box.
Just send the parameters for page and size

Step 2: Update ProductListComponent to handle pagination

File: product-list.component.ts

```
export class ProductListComponent implements OnInit {  
    ...  
  
    handleSearchProducts() {  
  
        const theKeyword: string = this.route.snapshot.paramMap.get('keyword');  
        ...  
        // now get the products for the given category id  
        this.productService.searchProductsPaginate(this.thePageNumber - 1,  
            this.thePageSize,  
            theKeyword).subscribe(this.processResult());  
    }  
  
    private processResult() {  
        return data => {  
            this.products = data._embedded.products;  
            this.thePageNumber = data.page.number + 1;  
            this.thePageSize = data.page.size;  
            this.theTotalElements = data.page.totalElements;  
        };  
    }  
}
```

Same method
from previous videos