

Pagination in Blog component

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10:47 AM

ng generate component paginator

Above command will generate a separate paginator component.

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Below pagination buttons can be used commonly across any components.

Input for this component will be a list of data populated
Output will be the number clicked.

Paginator.component.html

```
<ul class="pagination">
<li class="page-item">
<a class="page-link" href="#">Previous</a>
</li>
<li class="page-item" *ngFor="let page of
pages; index as i">
<a class="page-link" href="#"
(click)="pageNumberClicked(i)">{{i+1}}
</a>
</li>
<li class="page-item">
<a class="page-link" href="#">Next</a>
</li>
</ul>
```

Paginator.component.ts

```
import { Component, OnInit, Input, Output, EventEmitter } from
'@angular/core';
@Component({
selector: 'app-paginator',
templateUrl: './paginator.component.html',
styleUrls: ['./paginator.component.scss']
})
export class PaginatorComponent implements OnInit {
```

```

@Input() numberOfPages;
@Output() pageNumberClick = new
EventEmitter<number>();

pages: number[];

constructor() { }
ngOnInit() {
this.pages = new Array(this.numberOfPages);
}
pageNumberClicked(pageNumber) {
console.log("Event emitted");
this.pageNumberClick.emit(pageNumber);
}
}

```

Sample code from the consumer component

blog.list.component.html

```

<app-blog-post-tile *ngFor="let item of
blogPost[currentPage]" [post]="item">
</app-blog-post-tile>

<app-paginator
[numberOfPages]="blogPost.length"
(pageNumberClick)="updatePageCount($event
)"></app-paginator>

```