

Pagination in Bootstrap 4

Pagination in Bootstrap 4 is a component that provides an easy way to navigate through a large set of content by breaking it up into smaller chunks. Here's a comprehensive overview of how to use and customize pagination in Bootstrap 4:

Basic Pagination

To create a basic pagination component, you use the `.pagination` class. Each page item is a `` element with the `.page-item` class, and each page link is an `<a>` element with the `.page-link` class.

```
<nav aria-label="Page navigation example">
  <ul class="pagination">
    <li class="page-item"><a class="page-link" href="#">Previous</a></li>
    <li class="page-item"><a class="page-link" href="#">1</a></li>
    <li class="page-item"><a class="page-link" href="#">2</a></li>
    <li class="page-item"><a class="page-link" href="#">3</a></li>
    <li class="page-item"><a class="page-link" href="#">Next</a></li>
  </ul>
</nav>
```

Disabled and Active States

You can use `.disabled` class to indicate that a page item is not clickable, and the `.active` class to highlight the current page.

```
<nav aria-label="Page navigation example">
  <ul class="pagination">
    <li class="page-item disabled"><a class="page-link" href="#">Previous</a></li>
    <li class="page-item"><a class="page-link" href="#">1</a></li>
    <li class="page-item active"><a class="page-link" href="#">2</a></li>
    <li class="page-item"><a class="page-link" href="#">3</a></li>
    <li class="page-item"><a class="page-link" href="#">Next</a></li>
  </ul>
</nav>
```

Sizing

Bootstrap 4 provides utility classes to change the size of the pagination component: `.pagination-lg` for larger pagination and `.pagination-sm` for smaller pagination.

```
<nav aria-label="Page navigation example">
  <ul class="pagination pagination-lg">
    <li class="page-item"><a class="page-link" href="#">Previous</a></li>
    <li class="page-item"><a class="page-link" href="#">1</a></li>
    <li class="page-item"><a class="page-link" href="#">2</a></li>
    <li class="page-item"><a class="page-link" href="#">3</a></li>
    <li class="page-item"><a class="page-link" href="#">Next</a></li>
  </ul>
</nav>
```

```
<nav aria-label="Page navigation example">
  <ul class="pagination pagination-sm">
    <li class="page-item"><a class="page-link" href="#">Previous</a></li>
    <li class="page-item"><a class="page-link" href="#">1</a></li>
    <li class="page-item"><a class="page-link" href="#">2</a></li>
    <li class="page-item"><a class="page-link" href="#">3</a></li>
    <li class="page-item"><a class="page-link" href="#">Next</a></li>
  </ul>
</nav>
```

Alignment

By default, pagination is left-aligned. To center or right-align the pagination, you can use the `.justify-content-center` or `.justify-content-end` classes on the pagination container.

```
<nav aria-label="Page navigation example">
  <ul class="pagination justify-content-center">
    <li class="page-item"><a class="page-link" href="#">Previous</a></li>
    <li class="page-item"><a class="page-link" href="#">1</a></li>
    <li class="page-item"><a class="page-link" href="#">2</a></li>
    <li class="page-item"><a class="page-link" href="#">3</a></li>
    <li class="page-item"><a class="page-link" href="#">Next</a></li>
  </ul>
</nav>
```

```
<nav aria-label="Page navigation example">
  <ul class="pagination justify-content-end">
```

```
<li class="page-item"><a class="page-link" href="#">Previous</a></li>
<li class="page-item"><a class="page-link" href="#">1</a></li>
<li class="page-item"><a class="page-link" href="#">2</a></li>
<li class="page-item"><a class="page-link" href="#">3</a></li>
<li class="page-item"><a class="page-link" href="#">Next</a></li>
</ul>
</nav>
```

Customization

You can customize the look and feel of the pagination component by overriding Bootstrap's default styles. This can be done through CSS.

```
.pagination .page-item .page-link {
  color: #007bff;
}
```

```
.pagination .page-item.active .page-link {
  background-color: #007bff;
  border-color: #007bff;
}
```

```
.pagination .page-item.disabled .page-link {
  color: #6c757d;
  pointer-events: none;
  background-color: #fff;
  border-color: #dee2e6;
}
```