

Pagination, Link Groups and Cards

Topics Covered:

- What is pagination?
- Basic pagination.
- Active and Disable state.
- Pagination Sizing.
- Breadcrumbs.
- List Groups.
- Active and Disable state.
- List Group with Linked Items.
- Horizontal List groups.
- Contextual classes.
- List Group with Badges.
- Cards.

Topics in Detail:

What is pagination?

- Pagination is the process of separating print or digital content into discrete pages.
- For print documents and some online content, pagination also refers to the automated process of adding consecutive numbers to identify the sequential order of pages.
- Pagination makes it easier for the user to choose the page that they want to view.

Basic Pagination:

- If you have a website with lots of pages, you may wish to add some sort of pagination to each page.
- To create a basic pagination, add the **.pagination** class to an **** element. Then add the **.page-item** to each **** element and a **.page-link** class to each link inside ****

```
<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>
```



Active State:

- The **.active** class is used to "highlight" the current page.

```
<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 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>
```



Disable State:

- The **.disabled** class is used for un-clickable links.

```
<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"><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>
```



Pagination Sizing:

- Pagination blocks can also be sized to a larger or a smaller size.
- The class **.pagination-lg** for larger blocks or **.pagination-sm** for smaller blocks.

```
<ul class="pagination pagination-lg">
```

| | | | | |
|----------|---|---|---|------|
| Previous | 1 | 2 | 3 | Next |
|----------|---|---|---|------|

```
<ul class="pagination pagination-sm">
```

| | | | | |
|----------|---|---|---|------|
| Previous | 1 | 2 | 3 | Next |
|----------|---|---|---|------|

Breadcrumbs:

- Another form for pagination is breadcrumbs.
- The **.breadcrumb** and **.breadcrumb-item** classes indicate the current page's location within a navigational hierarchy.

```
<ul class="breadcrumb">
  <li class="breadcrumb-item"><a href="#">Photos</a></li>
  <li class="breadcrumb-item"><a href="#">Summer 2017</a></li>
  <li class="breadcrumb-item"><a href="#">Italy</a></li>
  <li class="breadcrumb-item active">Rome</li>
</ul>
```

[Photos](#) / [Summer 2017](#) / [Italy](#) / Rome

What is a List?

- HTML Lists are used to specify lists of information.
- All lists may contain one or more list elements.
- There are three different types of HTML lists:
 - Ordered List or Numbered List (ol)
 - Unordered List or Bulleted List (ul)
 - Descriptive List.

List Groups:

- The most basic list group is an unordered list with list items.
- To create a basic list group, use an **** element with class **.list-group**, and **** elements with class **.list-group-item**.

```
<ul class="list-group">
  <li class="list-group-item">First item</li>
  <li class="list-group-item">Second item</li>
  <li class="list-group-item">Third item</li>
</ul>
```

| |
|-------------|
| First item |
| Second item |
| Third item |

Active and Disable State:

- Similar to pagination the class `.active` and `.disabled` can be used to highlight the current item and add a lighter text color to the disabled item.
- When the `.disabled` class is used on links, it will remove the hover effect.

| |
|-------------|
| Active item |
| Second item |
| Third item |

| |
|---------------|
| Disabled item |
| Disabled item |
| Third item |

List Group with Linked Items:

- To create a list group with linked items, use `<div>` instead of `` and `<a>` instead of ``. Optionally, add the `.list-group-item-action` class if you want a grey background color on hover.

```
<div class="list-group">
  <a href="#" class="list-group-item list-group-item-action">First item</a>
  <a href="#" class="list-group-item list-group-item-action">Second item</a>
  <a href="#" class="list-group-item list-group-item-action">Third item</a>
</div>
```

| |
|-------------|
| First item |
| Second item |
| Third item |

On hover:

| |
|-------------|
| First item |
| Second item |
| Third item |

Horizontal List Groups:

- If you want the list items to display horizontally instead of vertically (side by side instead of on top of each other), add the ***.list-group-horizontal*** class to ***.list-group***

```
<ul class="list-group list-group-horizontal">
  <li class="list-group-item">First item</li>
  <li class="list-group-item">Second item</li>
  <li class="list-group-item">Third item</li>
  <li class="list-group-item">Fourth item</li>
</ul>
```

| | | | |
|------------|-------------|------------|-------------|
| First item | Second item | Third item | Fourth item |
|------------|-------------|------------|-------------|

Contextual Classes:

- Contextual classes can be used to add color to the list items.
- The classes for coloring list-items are: ***.list-group-item-success***, ***list-group-item-secondary***, ***list-group-item-info***, ***list-group-item-warning***, ***.list-group-item-danger***, ***.list-group-item-primary***, ***list-group-item-dark*** and ***list-group-item-light***.

| |
|----------------|
| Success item |
| Secondary item |
| Info item |
| Warning item |
| Danger item |
| Primary item |
| Dark item |
| Light item |

List Group with Badges:

- Combine **.badge** classes with utility/helper classes to add badges inside the list group.

```
<ul class="list-group">
  <li class="list-group-item d-flex justify-content-between align-items-center">
    Inbox
    <span class="badge bg-primary rounded-pill">12</span>
  </li>
  <li class="list-group-item d-flex justify-content-between align-items-center">
    Ads
    <span class="badge bg-primary rounded-pill">50</span>
  </li>
  <li class="list-group-item d-flex justify-content-between align-items-center">
    Junk
    <span class="badge bg-primary rounded-pill">99</span>
  </li>
</ul>
```

| | |
|-------|----|
| Inbox | 12 |
| Ads | 50 |
| Junk | 99 |

Cards:

- A card is a flexible and extensible content container.
- It includes options for headers and footers, a wide variety of content, contextual background colors, and powerful display options.
- A card is a bordered box with some padding around its content. It includes options for headers, footers, content, colors, etc.



Bootstrap Card:

- Basic card: A basic card is created with the **.card** class, and content inside the card has a **.card-body class**.
- Header and Footer: The **.card-header** class adds a heading to the card and the **.card-footer** class adds a footer to the card.
- Contextual classes: To add a background color the card, use contextual classes (**.bg-primary**, **.bg-success**, **.bg-info**, **.bg-warning**, **.bg-danger**, **.bg-secondary**, **.bg-dark** and **.bg-light**)
- Title: Use **.card-title** to add card titles to any heading element.
- Text: The **.card-text** class is used to remove bottom margins for a **<p>** element if it is the last child (or the only one) inside the **.card-body**.
- Links: The **.card-link** class adds a blue color to any link, and a hover effect.
- Image: Add **.card-img-top** or **.card-img-bottom** to an **** to place the image at the top or at the bottom inside the card. Note that we have added the image outside of the **.card-body** to span the entire width.

```

<div class="card" style="width:400px">
  
  <div class="card-body">
    <h4 class="card-title">John Doe</h4>
    <p class="card-text">Some example text some example text. John Doe is an architect and engineer</p>
    <a href="#" class="btn btn-primary">See Profile</a>
  </div>
</div>

```



```

<div class="card" style="width:400px">
  <div class="card-body">
    <h4 class="card-title">Jane Doe</h4>
    <p class="card-text">Some example text some example text. Jane Doe is an architect and engineer</p>
    <a href="#" class="btn btn-primary">See Profile</a>
  </div>
  
</div>

```

