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Bootstrap Input Groups

In this tutorial you will learn how to use the Bootstrap input group component.

Extending Form Controls with Bootstrap

Bootstrap input group component is very flexible and powerful component for creating the interactive and elegant form controls, however it is limited to textual input only.

In the following sections you'll see how to extend text-based input fields by adding the text, icons or buttons before, after, or on both sides of it to make your form more attractive.

Creating Prepended and Appended Inputs

Input groups are created using the class `.input-group`. It act as a container for inputs and addons.

Further, use the class `.input-group-prepend` to place the addons before the input, whereas use the class `.input-group-append` to place the addons after the input.

Also, be sure to wrap the text or icon in a `` and apply the class `.input-group-text` on it for proper rendering and styling. Try out the following example to see how it works:

Example

Try this code »

1<div class="row">

2<div class="col-sm-4">

3<div class="input-group">

4<div class="input-group-prepend">

5

6

7

8</div>

9<input type="text" class="form-control" placeholder="Username">

10</div>

11</div>

12<div class="col-sm-4">

13<div class="input-group">

14<input type="text" class="form-control" placeholder="Amount">

15<div class="input-group-append">

16.00

17</div>

18</div>

19</div>

20<div class="col-sm-4">

21<div class="input-group">

22<div class="input-group-prepend">

23\$

24</div>

25<input type="text" class="form-control" placeholder="US Dollar">

26<div class="input-group-append">

27.00

28</div>

https://www.tutorialrepublic.com/twitter-bootstrap-tutorial/bootstrap-input-groups.php

1/7


```

29     </div>
30   </div>
31 </div>

```

— The output of the above example will look something like this:

The image shows three Bootstrap 4 input groups side-by-side. The first group has a user icon as a prepend and the text 'Username'. The second group has the text 'Amount' and a '.00' as an append. The third group has a dollar sign as a prepend, the text 'US Dollar', and a '.00' as an append.

 **Note:** Bootstrap's prepending or appending addons feature is only available to text-based inputs. It does not support `<select>` or `<textarea>` elements.

Checkboxes and Radio Buttons Addons

Similarly, you can place checkbox or radio button within input group's addon instead of text.

Example

[Try this code »](#)

```

1  <div class="row">
2    <div class="col-sm-6">
3      <div class="input-group">
4        <div class="input-group-prepend">
5          <span class="input-group-text">
6            <input type="checkbox">
7          </span>
8        </div>
9        <input type="text" class="form-control">
10       </div>
11     </div>
12     <div class="col-sm-6">
13       <div class="input-group">
14         <div class="input-group-prepend">
15           <span class="input-group-text">
16             <input type="radio">
17           </span>
18         </div>
19         <input type="text" class="form-control">
20       </div>
21     </div>
22 </div>

```

— The output of the above example will look something like this:

The image shows two Bootstrap 4 input groups side-by-side. The first group has a checkbox as a prepend and a text input field. The second group has a radio button as a prepend and a text input field.

Placing Multiple Inputs or Addons

You can also place multiple inputs side-by-side within an input group easily, like this:

Example

[Try this code »](#)

```

1  <div class="input-group">
2    <div class="input-group-prepend">
3      <span class="input-group-text">Your Name</span>
4    </div>
5    <input type="text" class="form-control" placeholder="First name">
6  </div>

```

```

7 | <input type="text" class="form-control" placeholder="Last name">
   </div>

```

— The output of the above example will look something like this:

| | | |
|-----------|------------|-----------|
| Your Name | First name | Last name |
|-----------|------------|-----------|

Similarly, you can also place multiple addons side-by-side within an input group. You can also mix it with checkbox and radio inputs, as shown in the following example:

| Example | Try this code » |
|---|-----------------|
| <pre> 1 <div class="row"> 2 <div class="col-sm-6"> 3 <div class="input-group"> 4 <div class="input-group-prepend"> 5 6 <input type="checkbox"> 7 8 \$ 9 </div> 10 <input type="text" class="form-control"> 11 </div> 12 </div> 13 <div class="col-sm-6"> 14 <div class="input-group"> 15 <div class="input-group-prepend"> 16 \$ 17 0.00 18 </div> 19 <input type="text" class="form-control"> 20 </div> 21 </div> 22 </div> </pre> | |

— The output of the above example will look something like this:

| | |
|--|------------------------------|
| <input type="checkbox"/> \$ <input type="text"/> | <input type="text"/> \$ 0.00 |
|--|------------------------------|

Buttons Addons for Text Inputs

You can also prepend or append buttons instead of text. Simply, place as many buttons as you like within the `.input-group-prepend` or `.input-group-append`, as shown below:

| Example | Try this code » |
|---|-----------------|
| <pre> 1 <div class="row"> 2 <div class="col-sm-5"> 3 <div class="input-group"> 4 <input type="text" class="form-control" placeholder="Search..."> 5 <div class="input-group-append"> 6 <button type="button" class="btn btn-secondary"> 7 <i class="fa fa-search"></i> 8 </button> 9 </div> 10 </div> 11 </div> 12 <div class="col-sm-7"> 13 <div class="input-group"> </pre> | |

```

14         <input type="text" class="form-control" placeholder="Type something...">
15         <div class="input-group-append">
16             <button type="submit" class="btn btn-primary">Submit</button>
17             <button type="reset" class="btn btn-danger">Reset</button>
18         </div>
19     </div>
20 </div>
21 </div>

```

— The output of the above example will look something like this:

Adding Button Dropdowns to Text Inputs

You can even add buttons with dropdowns to a text input, if you want to perform more than one action from a button. Also, in case of input group you don't need the `.dropdown` wrapper element, which is otherwise normally required. Let's check out an example:

| Example | Try this code » |
|--|-----------------|
| <pre> 1 <div class="row"> 2 <div class="col-sm-6"> 3 <div class="input-group"> 4 <div class="input-group-prepend"> 5 <button type="button" class="btn btn-outline-secondary dropdown- toggle" data-toggle="dropdown">Dropdown</button> 6 <div class="dropdown-menu"> 7 Action 8 Another action 9 </div> 10 </div> 11 <input type="text" class="form-control"> 12 </div> 13 </div> 14 <div class="col-sm-6"> 15 <div class="input-group"> 16 <input type="text" class="form-control"> 17 <div class="input-group-append"> 18 <button type="button" class="btn btn-outline-secondary dropdown- toggle" data-toggle="dropdown">Dropdown</button> 19 <div class="dropdown-menu"> 20 Action 21 Another action 22 </div> 23 </div> 24 </div> 25 </div> 26 </div> </pre> | |

— The output of the above example will look something like this:

Dropdown ▼

Dropdown ▼

Adding Segmented Dropdown Button Groups

Similarly, you can define the segmented dropdown button group where dropdown button is placed besides the other buttons, as shown in the following example:

| Example | Try this code » |
|---|-----------------|
| <pre> 1 <div class="row"> 2 <div class="col-sm-6"> 3 <div class="input-group"> 4 <div class="input-group-prepend"> 5 <button type="button" class="btn btn-outline- secondary">Action</button> 6 <button type="button" class="btn btn-outline-secondary dropdown- toggle dropdown-toggle-split" data-toggle="dropdown"> 7 Toggle Dropdown 8 </button> 9 <div class="dropdown-menu"> 10 Action 11 Another action 12 </div> 13 </div> 14 <input type="text" class="form-control"> 15 </div> 16 </div> 17 <div class="col-sm-6"> 18 <div class="input-group"> 19 <input type="text" class="form-control"> 20 <div class="input-group-append"> 21 <button type="button" class="btn btn-outline- secondary">Action</button> 22 <button type="button" class="btn btn-outline-secondary dropdown- toggle dropdown-toggle-split" data-toggle="dropdown"> 23 Toggle Dropdown 24 </button> 25 <div class="dropdown-menu"> 26 Action 27 Another action 28 </div> 29 </div> 30 </div> 31 </div> 32 </div> </pre> | |

— The output of the above example will look something like this:

Action

▼

Action

▼

Height Sizing of Input Groups

You can also add the relative form sizing classes such as `.input-group-lg` or `.input-group-sm` to the `.input-group` element itself to make it larger or smaller in height.

The contents within the `.input-group` will automatically resize — there is no need for repeating the form control size classes on each element. Here's an example:

| Example | Try this code » |
|---|-----------------|
| <pre> 1 <!-- Larger input group --> 2 <div class="input-group input-group-lg"> 3 <div class="input-group-prepend"> 4 Large 5 </div> </pre> | |

```

6      <input type="text" class="form-control">
7    </div>
8    <!-- Default input group -->
9    <div class="input-group mt-2">
10     <div class="input-group-prepend">
11       <span class="input-group-text">Default</span>
12     </div>
13     <input type="text" class="form-control">
14   </div>
15   <!-- Smaller input group -->
16   <div class="input-group input-group-sm mt-2">
17     <div class="input-group-prepend">
18       <span class="input-group-text">Small</span>
19     </div>
20     <input type="text" class="form-control">
21   </div>

```

— The output of the above example will look something like this:

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