

# Stacks

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Stacks offer a shortcut for applying a number of flexbox properties to quickly and easily create layouts in Bootstrap. All credit for the concept and implementation goes to the open source Pylon project.

{{< callout warning >}} Heads up! Support for gap utilities with flexbox was recently added to Safari, so consider verifying your intended browser support. Grid layout should have no issues. Read more. {{< /callout >}}

## Vertical

Use `.vstack` to create vertical layouts. Stacked items are full-width by default. Use `.gap-*` utilities to add space between items.

{{< example >}}

First item

Second item

Third item

{{< /example >}}

## Horizontal

Use `.hstack` for horizontal layouts. Stacked items are vertically centered by default and only take up their necessary width. Use `.gap-*` utilities to add space between items.

{{< example >}}

First item

Second item

Third item

```
{{< /example >}}
```

Using horizontal margin utilities like `.ms-auto` as spacers:

```
{{< example >}}
```

First item

Second item

Third item

```
{{< /example >}}
```

And with [vertical rules]({{< docsref “/helpers/vertical-rule” >}}):

```
{{< example >}}
```

First item

Second item

Third item

```
{{< /example >}}
```

## Examples

Use `.vstack` to stack buttons and other elements:

```
{{< example >}}
```

Save changes Cancel

```
{{< /example >}}
```

Create an inline form with `.hstack`:

```
{{< example >}}
```

Submit

Reset

```
{{< /example >}}
```

## Sass

```
{{< scss-docs name=“stacks” file=“scss/helpers/_stacks.scss” >}}
```