Grid System Documentation

Containers

.container - Creates a responsive fixed-width container that adapts at each breakpoint.
.container-fluid - Full-width container across all screen sizes.
.container-{breakpoint} - Fluid until the breakpoint, then fixed width.

Breakpoints:
  sm -> --container-max-width-sm
  md -> --container-max-width-md
  lg -> --container-max-width-lg
  xl -> --container-max-width-xl

Container Example

```
<div class="container">Fixed container</div>
<div class="container-fluid">Full width container</div>
<div class="container-md">Fluid until md, then fixed</div>
```

Rows

.row - Creates a horizontal group of columns.

Modifiers:
.no-gutters - Removes column padding.
.gutter-small - Smaller gutters (16px).
.bottom-gutters - Adds bottom margin to columns.

Row Example

```
<div class="row">
  <div class="col">Column 1</div>
  <div class="col">Column 2</div>
</div>

<div class="row no-gutters">
  <div class="col">No Gutter Column</div>
</div>
```

Columns

.col - Auto width.
.col-{size} - Fixed width (e.g., col-6).
.col-{breakpoint}-{size} - Responsive columns (e.g., col-md-4).

Column Example

```
<div class="row">
```

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```
  <div class="col-6 col-md-4">Left</div>
  <div class="col-6 col-md-8">Right</div>
</div>
```

Custom Properties

```
Defined in :root for container sizes and gutter width.

:root {
  --container-max-width-sm: 540px;
  --container-max-width-md: 720px;
  --container-max-width-lg: 960px;
  --container-max-width-xl: 1140px;
  --grid-gutter-width: 30px;
}
```

Responsive Breakpoints

Defined using $grid-breakpoints and media-breakpoint-up().

sm -> >= 576px
md -> >= 768px
lg -> >= 992px
xl -> >= 1200px

Advanced Usage

```
<div class="row gutter-small">
  <div class="col">Small gutter</div>
</div>

<div class="row no-gutters">
  <div class="col">Flush column</div>
</div>

<div class="row bottom-gutters">
  <div class="col">Column with margin-bottom</div>
</div>
```