Elements & Typography

Grid

For laying out content on a page, the core hub framework includes styles for a 12-column grid.

The grid supports up to 12 columns with span# and offset# classes.

Each column must have a .col class. The last column in a set must have the .omega class added for IE 7 to work properly. No clearing div is required.

For example, a four column grid would look like:

```html
<div class="grid">
  <div class="col span3">
    ...
  </div>
  <div class="col span3">
    ...
  </div>
  <div class="col span3">
    ...
  </div>
  <div class="col span3">
    ...
  </div>
</div>
```
Spanning Columns

Columns can be spanned to easier portion content on the page. In the following example, we span the first 6 columns in a container, then follow with two, smaller 3 column containers for a 3-column layout where the first column takes up 50% of the space.

```
<div class="grid">
  <div class="col span6">
    ...
  </div>
  <div class="col span3">
    ...
  </div>
  <div class="col span3 omega">
    ...
  </div>
</div>
```

Output:

...
Offsets

Columns may also be offset or 'pushed' over.

```html
<div class="grid">
  <div class="col span3 offset3">
    ...
  </div>
  <div class="col span3">
    ...
  </div>
  <div class="col span3 omega">
    ...
  </div>
</div>
```

Output:

```html
...
...
...
```

Helper Classes

- `.span-quarter`  
  Span 3 columns. This is equivalent to `.span3`
- `.span-third`  
  Span 4 columns. This is equivalent to `.span4`
- `.span-half`  
  Span 6 columns. This is equivalent to `.span6`
- `.span-two-thirds`  
  Span 8 columns. This is equivalent to `.span8`
.span-three-quarters
  Span 9 columns. This is equivalent to .span9

A four column grid with the helper classes:

```html
<div class="grid">
  <div class="col span-quarter">
    ...
  </div>
  <div class="col span-quarter">
    ...
  </div>
  <div class="col span-quarter">
    ...
  </div>
  <div class="col span-quarter omega">
    ...
  </div>
</div>
```

There are equivalent .offset- classes as well:

```html
.offset-quarter
  Offset 3 columns. This is equivalent to .offset3
.offset-third
  Offset 4 columns. This is equivalent to .offset4
.offset-half
  Offset 6 columns. This is equivalent to .offset6
.offset-two-thirds
  Offset 8 columns. This is equivalent to .offset8
.offset-three-quarters
  Offset 9 columns. This is equivalent to .offset9
```

Markup for a four column grid with the offset helper class:

```html
<div class="grid">
  <div class="col span-quarter">
    ...
  </div>
  <div class="col offset-quarter span-quarter">
    ...
  </div>
  <div class="col span-quarter omega">
    ...
  </div>
</div>
```
Nesting Grids

The following is an example of a 3 column grid nested inside the first column of another 3 column grid.

```html
<div class="grid">
  <div class="col span6">
    <div class="grid">
      <div class="col span4">
        ... <br />
      </div>
      <div class="col span4">
        ... <br />
      </div>
      <div class="col span4 omega">
        ... <br />
      </div>
    </div>
    <div class="col span3">
      ... <br />
    </div>
    <div class="col span3 omega">
      ... <br />
    </div>
  </div>
  <div class="col span3">
    ... <br />
  </div>
</div>
```
Notifications

The core framework provides some base styles for alert and notifications.

<p class="passed">Success message</p>

Success message

<p class="info">Info message</p>

Info message

<p class="help">Help message</p>

Help message

<p class="warning">Warning message</p>

Warning message
Warning message

<p class="error">Error message</p>

Error message

**Sections & Asides**

The majority of hub components have content laid out in a primary content column with secondary navigation or metadata in a smaller side column to the right. This is done by first wrapping the entire content in a div with a class of .section. The content intended for the side column is wrapped in a <div class="aside"> tag. The primary content is wrapped in a <div class="subject"> tag and immediately follows the .aside column.

**Note:** The .aside column must come first in order for the content to be positioned properly. If, unfortunately, this poses a semantic problem, we recommend using the grid system as a potential alternative.

Using aside & subject differs from the grid system in that the .aside column has a fixed width with the .subject column taking up the available left-over space. In the grid system, every column is flexible (uses a percentage of the screen) and cannot have a specified, fixed width.

Example usage:

```html
<div class="section">
  <div class="aside">
    Side column content ...
  </div>
  <div class="subject">
    Primary content ...
  </div>
  <div class="clear"></div>
</div>
```