

FSS Columns - Linearization

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Equal-width columns, flexible-width container

Multi-column layouts very often look terrible on a small screen (like a mobile phone). As well, multi-column layouts can be difficult to read for users with low vision, or some cognitive impairments.

By using the FSS classes to create multi-column layouts, you will automatically be able to support linearization: converting multiple columns into a single column. The FSS offers a class – `fl-layout-linear` – that, when applied to the container of a multi-column layout, will automatically linearize it. The addition of the class can be carried out programmatically based on the context (e.g. identification of the user's device, or processing of a user's personal preferences). This way, the layout of your content can be customized when needed, without requiring you to sacrifice the multi-column layout for users who want it. The Infusion ([Floe](#)) [UI Options \(2008-2009\)](#) component provides an interface for users to express these kinds of interface preferences, and is designed to work with FSS.

NOTE: The background colours on this page have been added to help the reader recognize the different regions of the demo. They are *not* provided by the FSS.

Original three-column layout

This is the first column.
Aliquam erat volutpat. Aliquam consequat, quam at varius tincidunt.
This is the second column.
Aenean urna erat, accumsan vel porttitor vitae, blandit a magna. Phasellus nec nisl.
This is the third column.
Suspendisse vehicula quam sit amet mi venenatis quis suscipit massa porttitor.
Footer

The mark-up and classes used to produce this layout:

```

<div class="fl-container-flex80 fl-centered">
  <div class="fl-fix">
    <h3>Original three-column layout</h3>
  </div>
  <div class="fl-col-flex3">
    <div class="fl-col">
      <p>This is the first column.<br/>
      Aliquam erat volutpat. Aliquam consequat,
      quam at varius tincidunt.</p>
    </div>
    <div class="fl-col">
      <p>This is the second column.<br/>
      Aenean urna erat, accumsan vel porttitor
      vitae, blandit a magna. Phasellus
      nec nisl.</p>
    </div>
    <div class="fl-col">
      <p>This is the third column.<br/>
      Suspendisse vehicula quam sit
      amet mi venenatis quis suscipit
      massa porttitor.</p>
    </div>
  </div>
  <div class="fl-push">Footer</div>
</div>

```

Linearized three-column layout

This is the first column.
 Aliquam erat volutpat. Aliquam consequat, quam at varius tincidunt.
 This is the second column.
 Aenean urna erat, accumsan vel porttitor vitae, blandit a magna. Phasellus nec nisl.
 This is the third column.
 Suspendisse vehicula quam sit amet mi venenatis quis suscipit massa porttitor.

Footer

The mark-up and classes used to produce this layout (NOTE that the *only* difference is the addition of the `fl-layout-linear` class on the outer container `<div>`):

```

<div class="fl-layout-linear fl-container-flex80 fl-centered">
  <div class="fl-fix">
    <h3>Linearized three-column layout</h3>
  </div>
  <div class="fl-col-flex3">
    <div class="fl-col">
      <p>This is the first column.<br/>
      Aliquam erat volutpat. Aliquam consequat,
      quam at varius tincidunt.</p>
    </div>
    <div class="fl-col">
      <p>This is the second column.<br/>
      Aenean urna erat, accumsan vel porttitor
      vitae, blandit a magna. Phasellus
      nec nisl.</p>
    </div>
    <div class="fl-col">
      <p>This is the third column.<br/>
      Suspendisse vehicula quam sit
      amet mi venenatis quis suscipit
      massa porttitor.</p>
    </div>
  </div>
  <div class="fl-push">Footer</div>
</div>

```