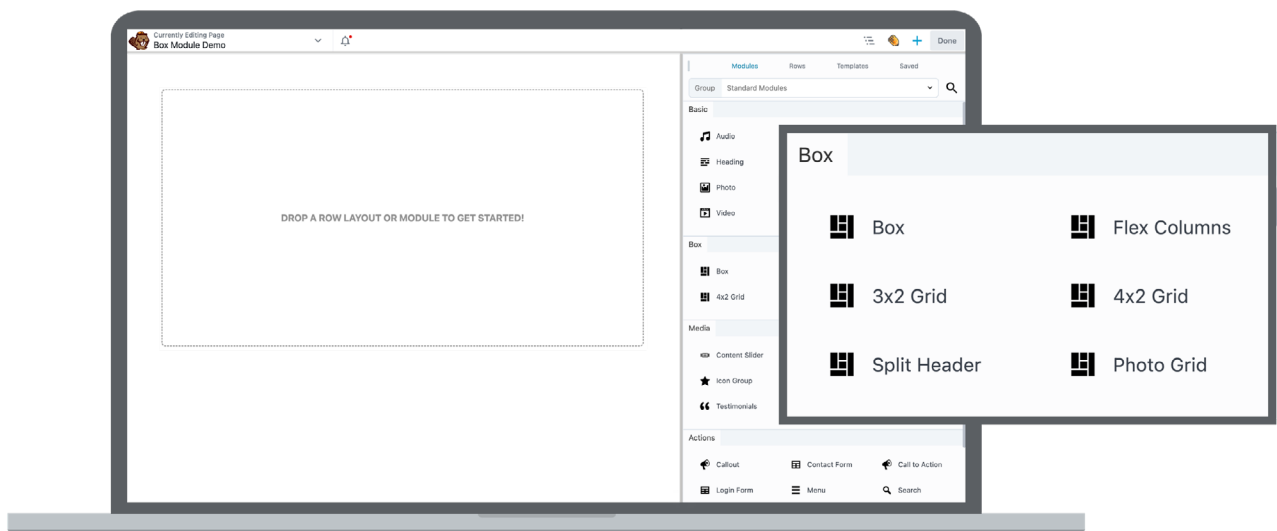# BOX MODULE BASICS

The Box Module is a layout tool that utilizes two common CSS display properties, Flexbox and CSS Grid.

Although Flexbox and CSS Grid are separate layout methods, there is some overlap in what they can do, and they work great together! Flexbox is great at creating flexible layouts, and providing an easy means to align and distribute space between the contained content. CSS Grid excels at creating complex divisions of page space.

The module marked box gives you a Box Module with default settings. There are also 5 presets, Flex Columns, 3x2 Grid, 4x2 Grid, Split Header, and Photo Grid provided to kick start your layouts.

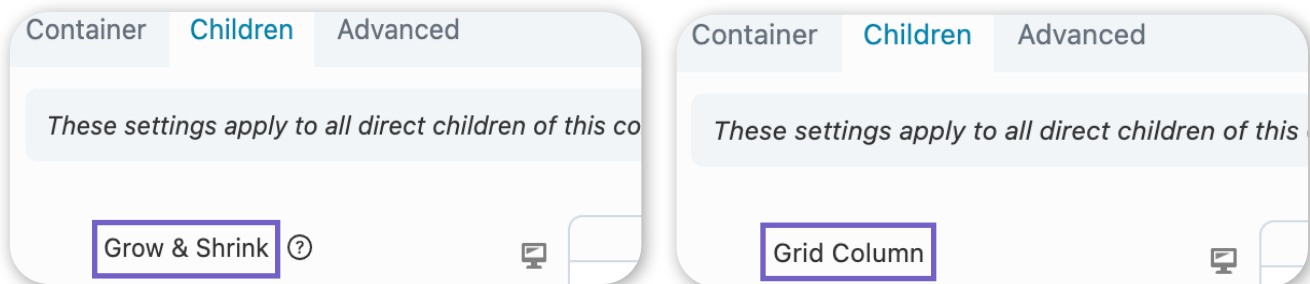[Resource: Box Support Documentation](#)

Parent / Children Relationships

A lot of what we do with the Box Module has to do with parent/ children relationships. In most cases we will put Box Modules inside other Box Modules, or even have Box Modules nested many times within one another. We call the modules inside the outer container *Children*.
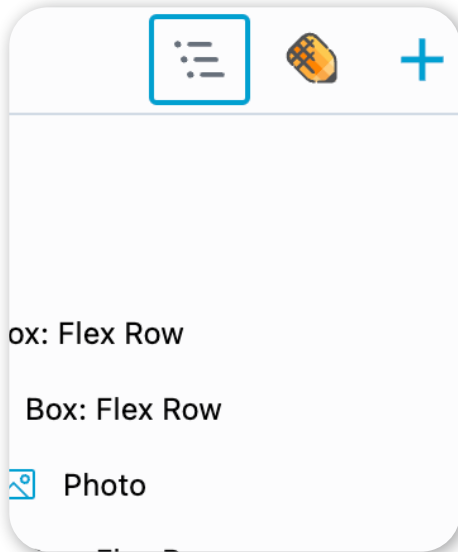
The Children Tab

Use the *Children Tab* of *Parent Containers* to control children as a group. You can over ride settings applied to children from the children tab on an individual basis by opening the settings on that child. You'll notice that the options on the children tab will change depending on what type of display you have selected.
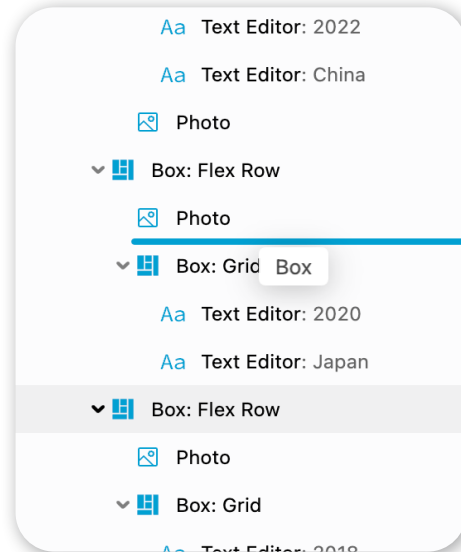

The Children Tab settings for Flex Display pictured on the left are different than the Grid Display settings pictured on the right.
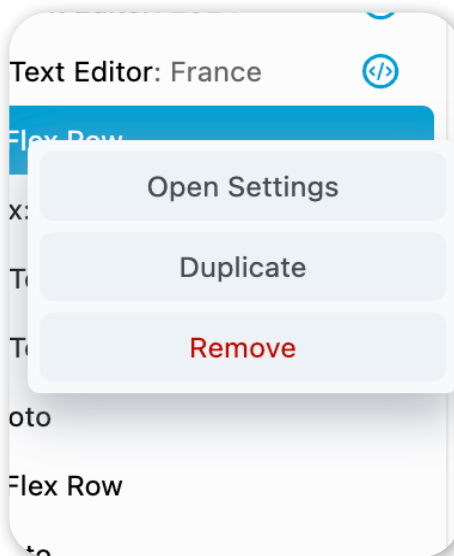
Outline Panel

Using the box module often involves nesting multiple box modules to form a parent/child relationship. Utilize the outline panel to make finding nested items easy.
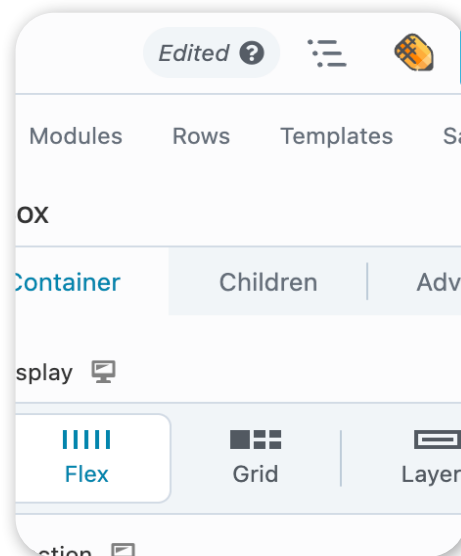

Click the outline panel icon.

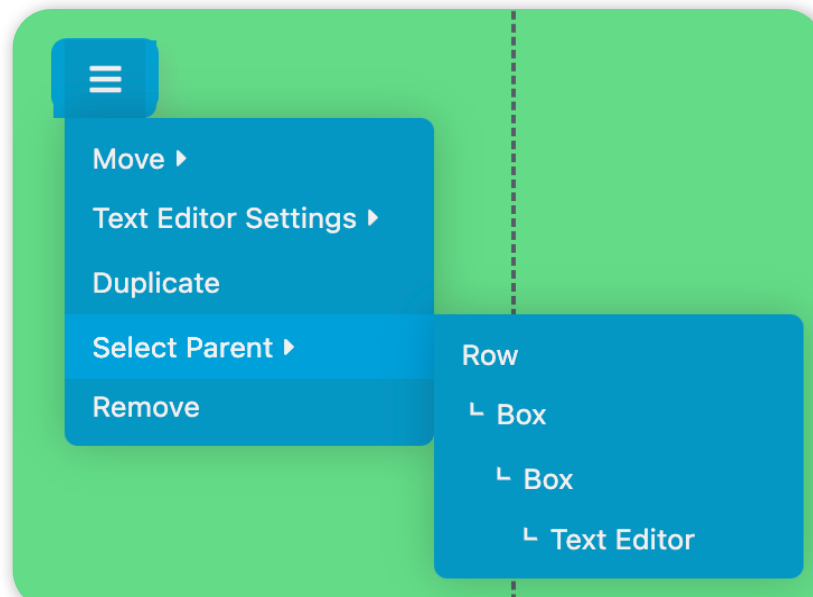*Click and Drag items to reorder them.*

Right-click to see more options.

Double-click an item to open the settings panel for that item.
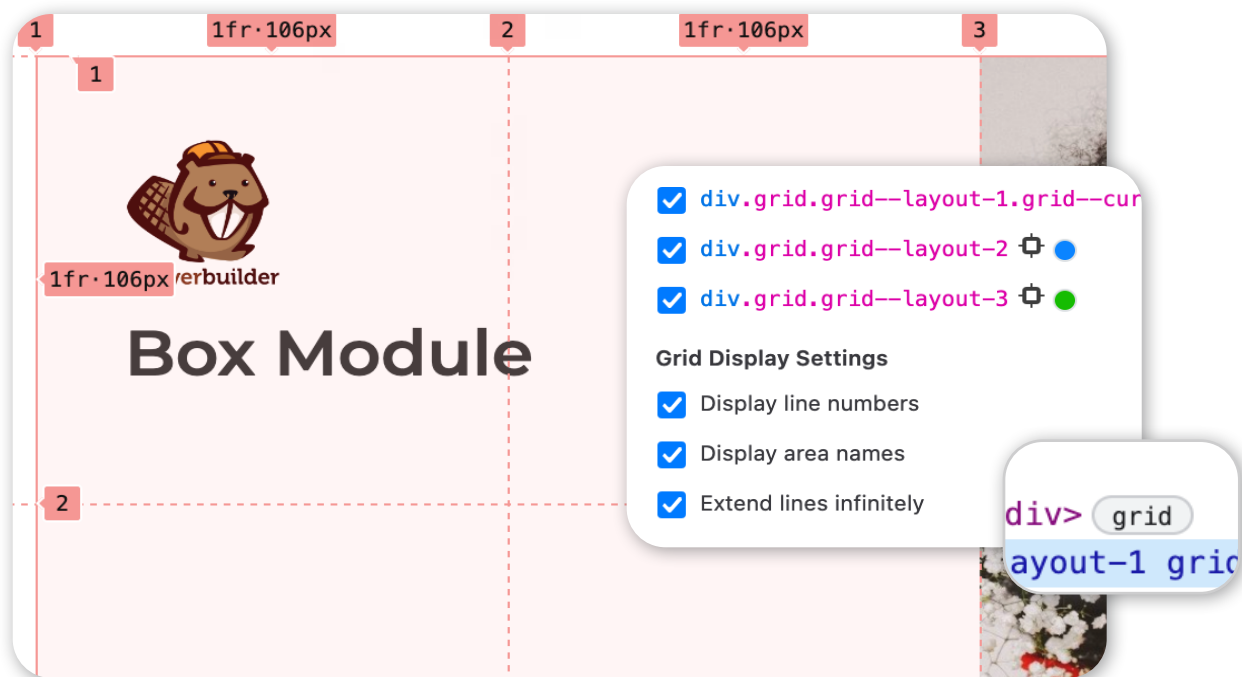
Select Parent Tool

Another way to navigate nested box modules is by using the Select Parent tool from the Beaver Builder Settings Toolbar.

Any item nested in a box module will provide a Select Parent menu item. This example shows a text editor placed inside two nested box modules.

Flexbox +CSS Grid Inspector Tools

Chrome and Firebox browsers both offer CSS Grid and Flexbox Inspector Tools. These will give you a visual representation of your grid lines, grid numbers and other helpful information. When you create a CSS Grid or Flexbox based layout using Beaver Builder's Box Module, you will see Grid or Flex badges in your Developer Tools Panel. Click the badge to open inspector tools.
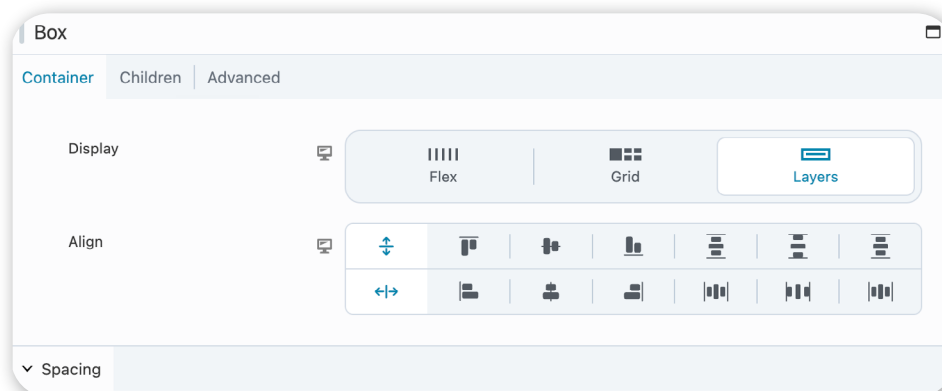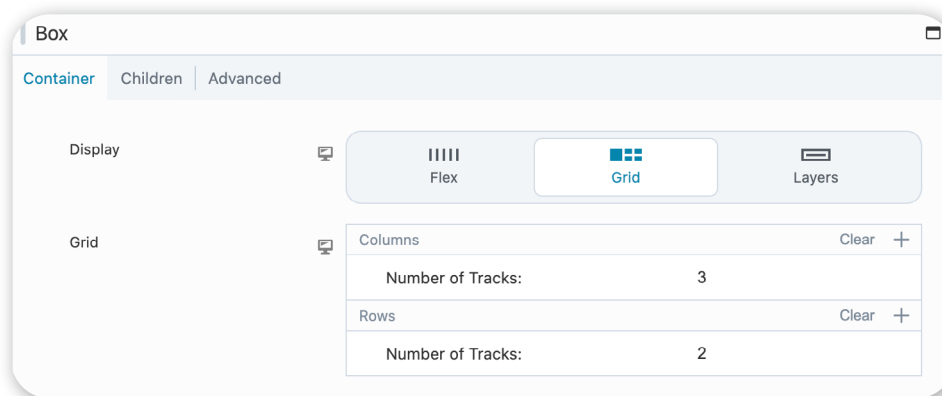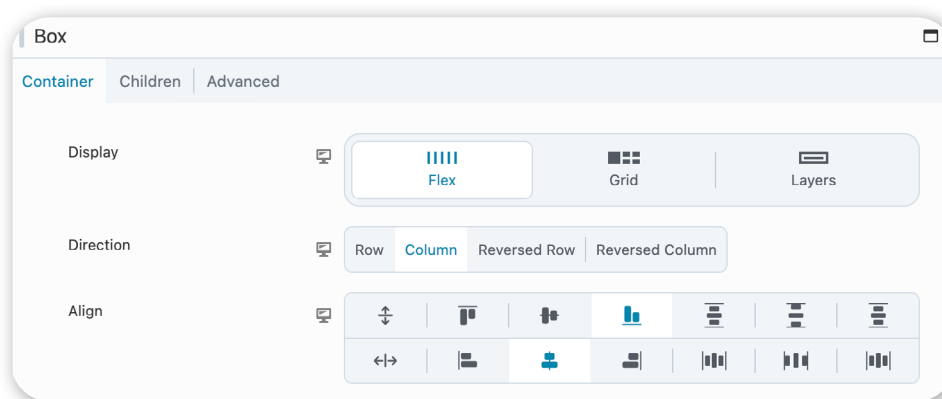

Chrome Grid Editor

Chrome

[Inspect CSS grid layouts](#)

Firefox

[Examine grid layouts](#)

Display Types
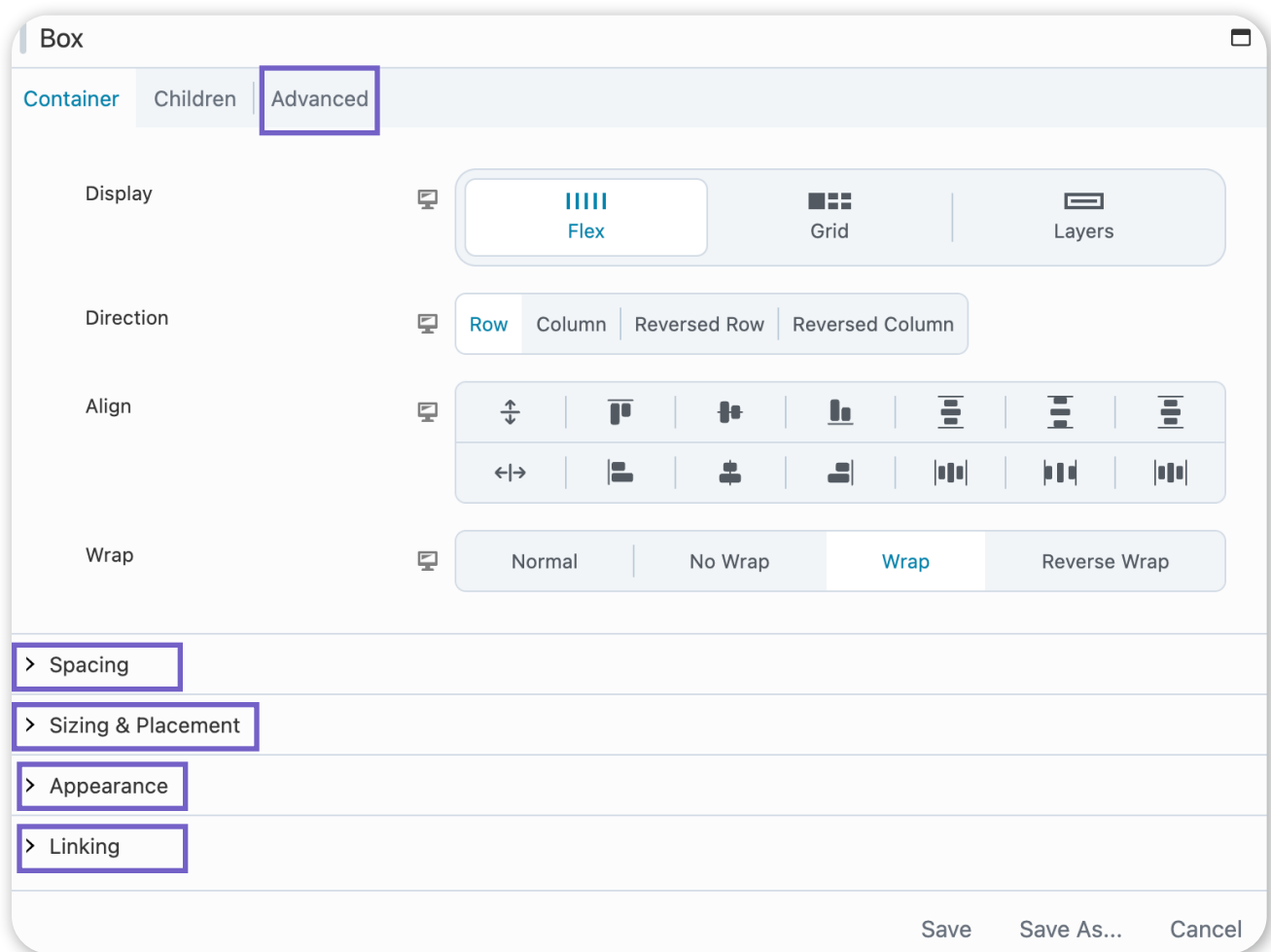
The Box Module offers three types of display settings; *Flex*, *Grid* and *Layers*. You'll notice that your Box Module's settings options will change depending on what type of display you have selected.

Universal Settings: Container Tab

The outlined *Container Tab* settings below are applicable to every type of Box display.

*There is no gap setting for layers displays

Universal Settings: Children Tab

The outlined *Children Tab* settings below are applicable to every type of Box display.

See [Beaver Builder's Box Module Help Documentation](#) for more details.