

Flexi-Grid Layout for Experience Cloud (LWR)

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Reviews and Contributions:

Overview:



AppExchange Listing:

<https://appexchange.salesforce.com/listingDetail?listingId=a0N4V00000Gv1psUAB>

Open-Source GitHub Repository:

<https://github.com/salesforce-experiencecloud/FlexiGridLayout>

Description

The Flexi-Grid Layout component for Experience Cloud LWR brings you the ability to create amazing modern designs by allowing you to render and control up to 12 regions of content, and drag/drop any component from your panel in builder into them. Configure the number of regions you want on a row, their sizes per the 12-column SLDS grid system, and stacking behavior on different form factors. Take your design to the next level with the ability to pass custom CSS classes and fully control the look and feel of your content regions!

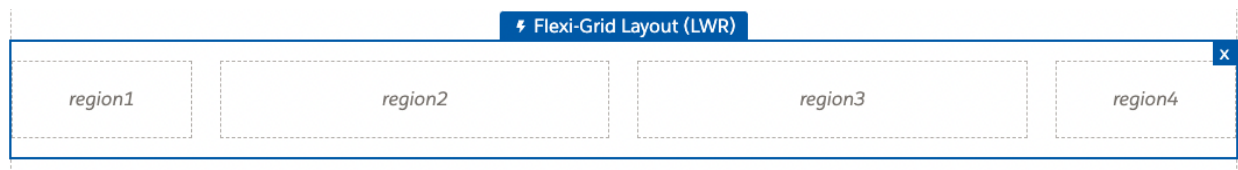
DISCLAIMER

This package is free to use, but is not an official [salesforce.com](https://www.salesforce.com) product, and should be considered a community project. The functionality is not officially tested or documented, and does not come with any support, warranties, or updates. It is offered as-is.

Usage and Configuration

Using this component is pretty easy! Just follow these steps:

1. Install the package in your org
2. Access Experience Builder for the LWR site that you want to use this component in.
3. Open the components panel, and you should see a component called “*Flexi-Grid Layout (LWR)*” - drag/drop that onto your page
4. That’s it! Drag standard and custom components into the regions to build out the grid layout of your choice!



Usage Tips

1. This component is built on the Salesforce Lightning Design System [Grid](#). This utilizes region widths of 12, meaning all region width units in a row should add up to 12 when setting your region sizing..
2. The CSS Classnames property can be set to add region gutters such as 'slds-gutters_small slds-p-vertical_medium'. This would add spacing between the regions above and below the grid. (see sections 'Region Gutters' and 'Grid Padding' below).
3. Review the 'CSS Selectors' section to learn how to style with your own CSS

Configuration Warnings

The Number of Regions and Region Sizing component properties directly relate to one another. To assist with inputting the correct configuration values, the following built in warnings will display in Experience Builder only.

Condition	Message
Number of Regions > Region Sizing	The Number of Regions is greater than the Region Sizing defined.
Number of Regions < Region Sizing	The Number of Regions is less than the Region Sizing defined.
Sum of all Region Sizing is not divisible by 12	Region Sizing typically totals 12 per row.
One or more Region Sizes is not an Integer	All comma separated Region Sizes should be an integer.
One of more Regions Sizes is out of Range	Valid comma separated Region Sizes are 1 through 12.

Example

⚡ Flexi-Grid Layout (LWR)

The Number of Regions is less than the Region Sizing defined. Region Sizing typically totals 12 per row.

region1

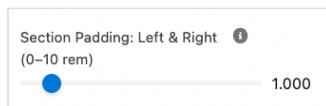
region2

Region Gutters

You can add [gutters](#) (spacing) between each column by adding any one of the following class names within the component's 'CSS Classes' Property.

Class Name	Size
slds-gutters_x-small	16px
slds-gutters_small	24px
slds-gutters_medium	32px
slds-gutters_large	48px
slds-gutters_x-large	64px

Note that these gutter classes could cause a horizontal scroll bar to appear in Desktop View if there is insufficient 'Section Padding: Left & Right' set under Theme → Site Spacing. For example, in a default site, adding class slds-gutters_medium and setting the value to 0.375 or lower will cause this.



Grid Padding

Single-Row Grid

To pad the top and bottom of a single-row grid, you can utilize an [SLDS Passing Vertical](#) class right in the CSS Classnames property.

Multi-Row Grid

A multi-row grid will require styling at the column/region level. To add this, CSS can be added to target the 'region' classname included by default.

```
.region {
  padding-top: 15px;
  padding-bottom: 15px;
}
```

CSS Selectors

To target the Grid Class, add your own class name to the CSS Classnames property.

CSS Classes ?

slds-gutters_small header-grid

In the example above, 'header-grid' was added. Each region has the class name region and region region-[number] in the markup.

To target all regions within the grid the CSS might look like:

```
.header-grid .region {
  padding-top: 15px;
  padding-bottom: 15px;
}
```

To target the first and third regions within the grid, use CSS such as:

```
.header-grid .region-1,
.header-grid .region-3 {
  padding-top: 15px;
  padding-bottom: 15px;
}
```

Flexi-Grid Layout component for Experience Builder (LWR)

Component Label: Flexi-Grid Layout (LWR)

Component LWC API Name: flexi-grid-layout

Component Namespace: flexi_grid

Component Properties:

	A	B	C	D
1	Property Label	LWC Property API Name	Type	Description
2	Stack Regions	stack-regions	String	Default: Never Options: Never,On Mobile,On Mobile and Tablet,Always Specify if the form factor will produce a responsive stacked behavior. Default: 4

4	Region Sizing (must be a number from 1-12, one per region, comma separated)	region-sizing	String	Default: 2,4,4,2 Set a comma separated number (1-12) for each region. All numbers should add up to 12 for each row.
5	Vertical Alignment	vertical-alignment	String	Default: Centered Options: Top,Centered,Bottom Sets the regions available in the modal
6	CSS Classes	class-names	String	Class names to uniquely target the component's styles or add SLDS class names to component (refer to component documentation for more info).
7				

Release Log

VERSION 1.1

Installation URL: <https://login.salesforce.com/package/installPackage.apexp?p0=04tDn000000ou5w>

- Initial Release