Airavata Default Theme

Documentation

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2. Introduction

Purpose of this document is to walk you through the default Airavata theme and to instruct you on how to apply modifications to the default content and styles.

Please login to your admin dashboard following instructions below.
https://apache-airavata-django-portal.readthedocs.io/en/latest/cms/#logging-in-to-cms-dashboard

Visit following to understand elements on your dashboard
https://apache-airavata-django-portal.readthedocs.io/en/latest/cms/#cms-dashboard-overview

Go to Pages ➜ Welcome to your new Wagtail site! ➜ Home
Here you can modify content on your home page

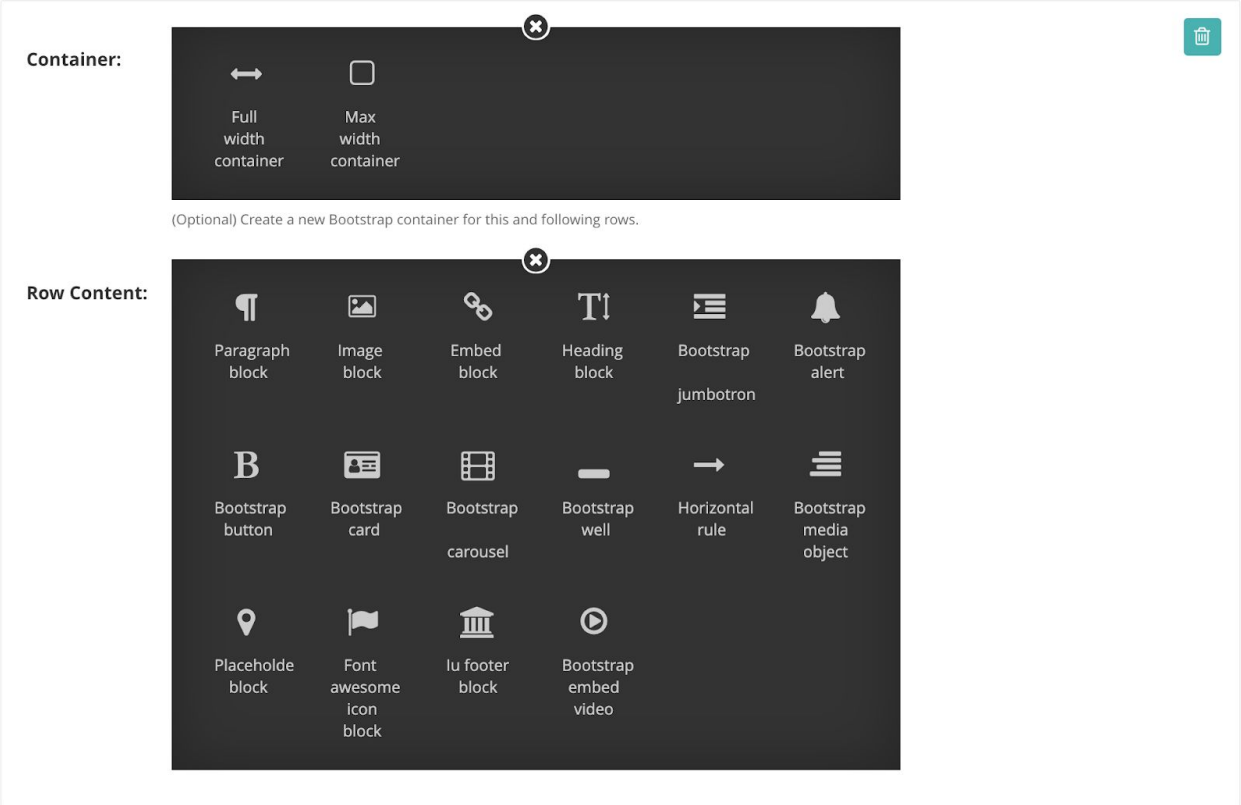
3. Understanding Panel

A panel contains all the items that are necessary to build a great website. It is the arsenal for a content editor. Developers will update this list in the future if they see fit. so please be on look out for any new items in the future.

Container Blocks

Editor blocks have two sections

1. Container
2. Row Content

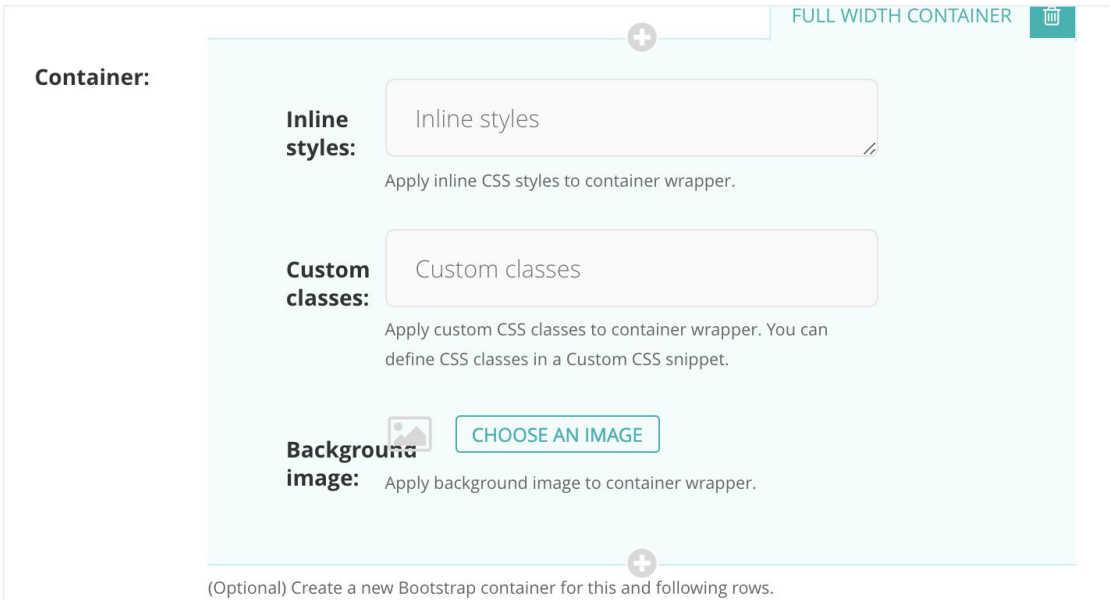


Container

This section defines the parent container for the UI elements

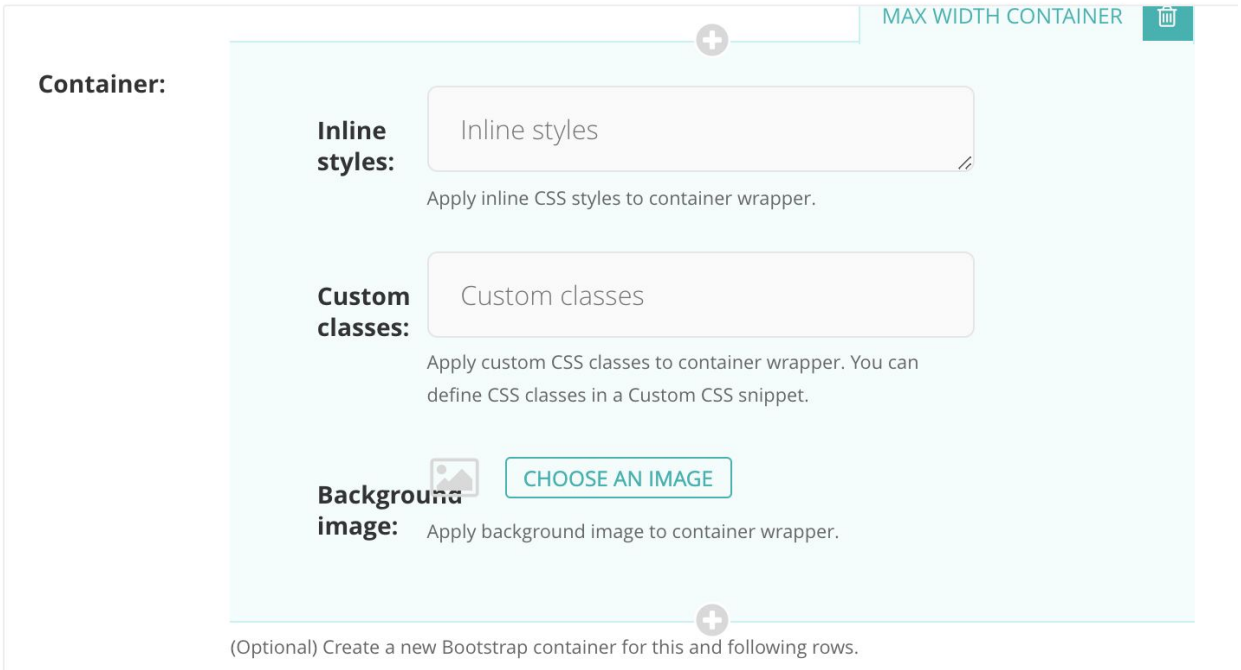
1. Full Width Container

   Use Full width containers when you need screen wide elements in your site. All content blocks placed within a Full width container will use 100% of the screen width to spread elements.



2. Max Width Container

Use a Max width container when you need to position elements in the center with margins on the left and right.



Row content

Paragraph Block

1. This is the most important item of all the items in the panel.
2. This will let you create a paragraph/text on the website.
3. When you click on it, it will open two fields.
    - Custom Class → (you can provide a list of class selectors separated by white-space. you already know about "col-md-x". You can also add other classes like text-center to center the text etc. you can also give a custom unique class name for this paragraph. This will let you add css to that particular paragraph by editing in Custom CSS Snippet)
    - Body → (This is called a Draftail Editor. This is the place where you can write some text that you want to get displayed on the web page. The icons here are self-explanatory. You can find more info here)

Image Block

1. This will let you put an image on the webpage.
2. When you click on it, it will open the following fields:
    - Image → (Click Choose Image which will let you choose an image from images available or let you upload a new one)
    - Caption → (If you want a text to be displayed below the image saying what is it, you can give it a caption. or you can leave blank) * Width → (Specify some width for the image. Should be an integer value between 10-1000 ideally. If you want to make it occupy the whole width. specify 100%. You can leave blank to get the original image size.)

- Height → (You can leave blank in most of the cases. If you specify, it should be an integer value between 10-1000. You can also specify 100% if you want it to take the entire height.)
- Redirect URL → (You can specify a redirect link for the image so that when you click on the image, it will redirect to some other page. You can leave blank.)
- Custom Class → (Refer to Paragraph Block custom class description)

Embed Block

1. This will let you embed youtube videos.
2. When you click on it, it will open the following fields:
    - Embed → (Go to youtube and click a video. Copy the url. Paste it here for the video to appear here)
    - Custom Class → (Refer to Paragraph Block custom class description)

Heading Block

1. This will let you write heading text of 6 varying sizes (H1, H2, H3, H4, H5, H6).
2. H1 is the biggest text. H6 is the smallest.
3. Don't choose this block just to make text bigger. If you want to make text bigger. you can give a custom class name and head over to custom css and specify font-size.
4. This block is used for the purpose of headings and sub-headings.
5. When you click on it, it will open the following fields:
    - Heading Text → (Specify some heading text)
    - Select a Header Size → (Select one of H1-H6)
    - Custom Class → (Refer to Paragraph Block custom class description)

Bootstrap Jumbotron

1. This will let you create a highlight part for the webpage similar to this. Usually kept on the top of a page.
2. When you click on it, it will open the following fields:
    - Title → (Specify Title)
    - Body → (Specify description)
    - Button Text → (Specify button text if you want a button. otherwise leave blank and leave all the below button fields blank)
    - Button Link → (Specify button redirect link)
    - Button Color → (Select a button color.)
    - Button Size → (Select a button size)
    - Custom Class → (Refer to Paragraph Block custom class description)

Bootstrap Alert

1. This will let you create an alert on the web page similar to this
2. When you click on it, it will open the following fields.
    - Alert Text → (Specify some text to be displayed in alert)
    - Alert Color → (Select some color for the alert)
    - Is Link → (If the alert is a link. Tick this.)
    - Alert Link → (Specify alert redirect link)
    - Custom Class → (Refer to Paragraph Block custom class description)

Bootstrap Button

1. This will let you create a bootstrap button on the web page similar to this
2. When you click on it, it will open the following fields:
    - Button Text → (Specify button text if you want a button. otherwise leave blank and leave all the below button fields blank)
    - Button Link → (Specify button redirect link)

- Button Color → (Select a button color.)
- Button Size → (Select a button size)
- Custom Class → (Refer to Paragraph Block custom class description)

Bootstrap Card

1. This will let you create a bootstrap card on the web page similar to this
2. When you click on it, it will open the following fields:
    - Card Width → (Leave blank if you want the card to take the width of the specified columns)
    - Is Card Img → (Tick it if card is displaying an image inside it.)
    - Card Img → (Click Choose Image which will let you choose an image from images available or let you upload a new one) * Card Img Width → (Specify some width for the image. Should be an integer value between 10-1000 ideally. If you want to make it occupy the whole width. specify 100%. You can leave blank to get original image size)
    - Card Img Height → (You can leave blank in most of the cases. If you specify, it should be an integer value between 10-1000. You can also specify 100% if you want it to take the entire height.)
    - Card Title → (Specify a Card Title)
    - Card text → (Specify a Card Body)
    - Card Bg Color → (Select a Card Color)
    - Card Text Color → (Select a color for the text on the card)
    - Button Text → (Specify button text if you want a button. otherwise leave blank and leave all the below button fields blank)
    - Button Link → (Specify button redirect link)
    - Button Color → (Select a button color.)

- Custom Class → (Refer to Paragraph Block custom class description)

Bootstrap Carousel

1. This will let you create a rotating image carousel on the web page similar to this
2. When you click on it, it will open the following fields:
    - Cimage 1 → (Click Choose Image which will let you choose an image from images available or let you upload a new one)
    - Cimage 1 title → (Choose a title caption to be displayed on the image)
    - Cimage 1 body → (Choose a body caption to be displayed on the image)
    - Custom Class → (Refer to Paragraph Block custom class description)
3. Similarly there are Cimage 2 through 5. So you can have a 5 image carousel at max. Always start with Cimage1 followed by Cimage2 and so on.

Bootstrap Well

1. This will let you create highlighted text. Use it to highlight something on a webpage. Refer to Bootstrap Alert for more functionality.
2. When you click on it, it will open the following fields:
    - Message → (Write some text you want to be highlighted)
    - Well Bg Color → (Select a color to make it background for the text)
    - Custom Class → (Refer to Paragraph Block custom class description)

Horizontal Rule

1. This will let you create a horizontal line on the webpage. This is not a normal horizontal line. you can customize the thickness and color of it. Use it to separate rows if you like.

2. When you click on it, it will open the following fields:
    - Thickness → (select a number between 1 and 10)
    - Bg color → (Give a hex code color for the line. You can select a hex color here)
    - Custom Class → (Refer to Paragraph Block custom class description)

Bootstrap Media Object

1. This will let you create a media object on the webpage similar to this
2. Use this item for describing a person, university etc. with an image and a description.
3. When you click on it, it will open the following fields:
    - Media img → (Click Choose Image which will let you choose an image from images available or let you upload a new one)
    - Media img alt → (Create a text to be displayed if the image is not working for some reason)
    - Media img width → (Choose the width for the image. Leave blank if you choose.)
    - Media img height → (Choose the height for the image. Leave blank if you choose.)
    - Heading text → (Provide the text description for the media object. For example, person name)
    - Body Text → (Provide some body text for the media object. For example, person details)
    - Custom Class → (Refer to Paragraph Block custom class description)

Placeholder Block

1. This is a block which doesn't contain any content. It just creates a space of given columns. Use it to align content properly.

2. When you click on it, it will open the following fields:
    - Custom Class → (Give a bootstrap column for eg. col-md-3. This will leave a space of three columns in a row)

Font Awesome Icon Block

1. This is a block which can make a font awesome icon of varying size.
2. When you click on it, it will open the following fields:
    - Icon tag → (Head over to font awesome website and select a free icon you like to be displayed on the web page. For eg. (fas fa-bell)
    - Icon Size → (Select an icon size as an integer value between 1 and 50)
    - Custom Class → (Refer to Paragraph Block custom class description)

IU Footer Block

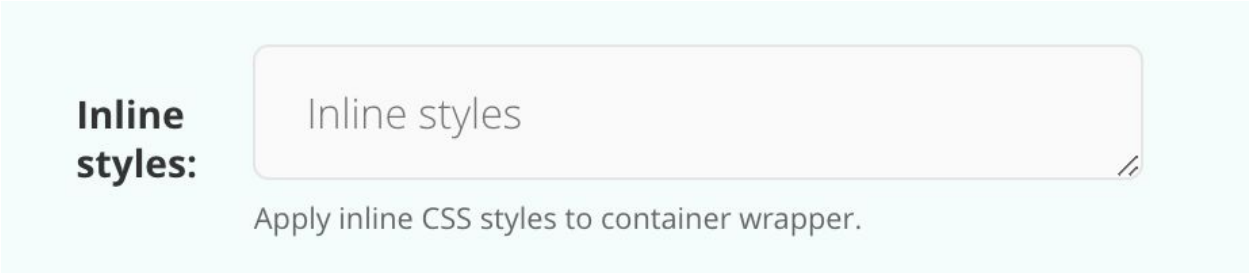
1. This is a block which can be used to make an iu footer.
2. This is a unique block which mocks the Indiana University footer as shown here
3. If you use this don't use the footer in the snippets. Alternatively, you can also go to the Customization tab of the page and set Show Footer to No
4. When you click on it, it will open the following fields:
    - Footer Links → (Give the links you want to appear on the footer)
    - Custom class → (Refer to Paragraph Block custom class description)

4. Customizing Panel Components

Default theme uses Bootstrap CSS Framework for its style rendering. In order to make use of wagtail you should have the basic understanding of Bootstrap Components. Each and every panel component can be customized with inline styles and custom classes.

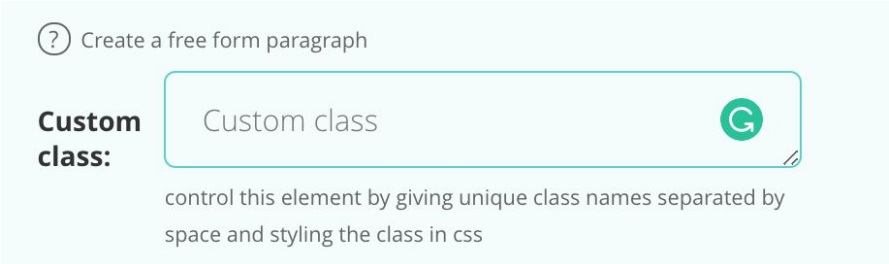
Inline Styles

You can fill this input field when you need to apply css properties to style attribute of an HTML element.



Custom Classes

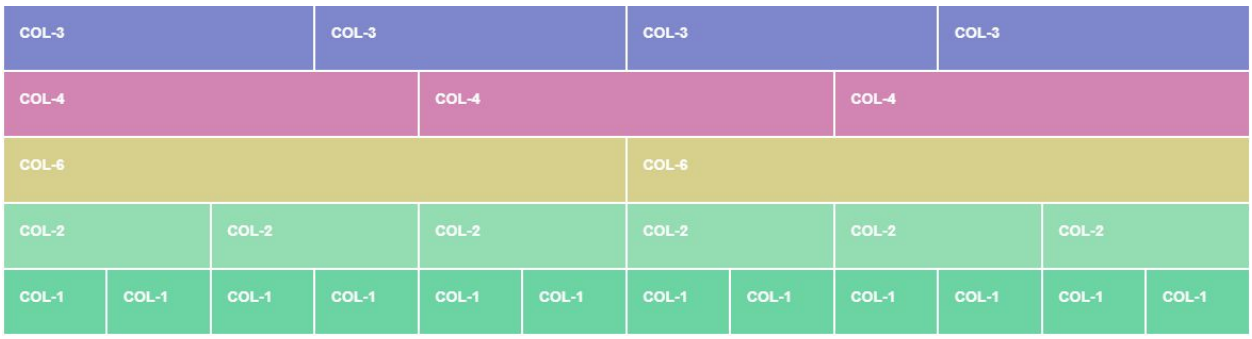
You can fill the input field “Custom class” with any of the classes defined in Bootstrap CSS Framework or else you can write your own custom classes.



In default theme, to define grid layout and spacing we use following Bootstrap classes

col-x	col-12 col-6 col-4 col-4 col-2 col-1	Defines the width of the grid container. Col-12 for

		the screen wide paragraph. col-1 for the 1/12 of screen width paragraph
py-x	py-1 py-2 py-3 py-4 py-5	Adjust vertical padding for the component from 1 to 5
px-x	px-1 px-2 px-3 px-4 px-5	Adjust horizontal padding for the component from 1 to 5
my-x	mx-1 mx-2 mx-3 mx-4 mx-5	Adjust vertical margins for the component from 1 to 5
mx-x	mx-1 mx-2 mx-3 mx-4 mx-5	Adjust horizontal margins for the component from 1 to 5



For More information :

Bootstrap Grid : https://getbootstrap.com/docs/4.0/layout/grid

Bootstrap Spacing : https://getbootstrap.com/docs/4.4/utilities/spacing/

Default theme uses following Bootstrap classes to customize background styles and font styles

text-center	Centered a text
text-left	Left align a text
text-right	Right align a text
text-light	Light colored text

text-dark	Dark colored text
bg-dark	Dark coloured background
bg-danger	Red coloured background
bg-info	Blue colored background
bg-warning	Yellow colored background

For More information :
Bootstrap Colors : https://getbootstrap.com/docs/4.0/utilities/colors/
Bootstrap Text : https://getbootstrap.com/docs/4.0/utilities/text/

Default theme uses following Bootstrap button classes for customizing button styles

For more information
https://getbootstrap.com/docs/4.0/components/buttons/

You can write your own styles under Snippets → Custom CSS

> This is the place where you can add styles to the custom class unique selectors you defined while creating a page. This is basically writing css and controlling the element you selected. You can provide a css comment or css block. A css comment is used to separate each style. for eg.(Navbar Styles). A css block is where you write css for the selector and its children. Do not add additional Custom Css by clicking Add Custom CSS. Only the first one will take effect

Default theme use following custom classes to customize headings, background and card components

theme-heading	.theme-heading h2{ color: #00BCD4 !important; font-size: 3rem !important;

	font-weight: bold;
	}
	.theme-heading-light h2{
	color: #FFFFFF !important;
	font-size: 3rem !important;
	font-weight: bold;
	}

theme-heading-light	.theme-heading-light h2{
	color: #FFFFFF !important;
	font-size: 3rem !important;
	font-weight: bold;
	}

theme-subheading	.theme-subheading h3{
	color: #00BCD4 !important;
	}

borderless-card	.borderless-card .card{
	border:none;
	}

overlay-card	.overlay-card .card{
	background-color: rgba(0, 0, 0, 0.5);
	color: #FFFFFF;
	padding: 2rem;
	}

transparent-card	.transparent-card .card{
	background-color:transparent;
	}

extra-padding-y	.extra-padding-y{
	padding-top: 5rem;
	padding-bottom: 5rem;
	}

bg-grey	.bg-grey{
	background-color: #ECEFF1
	}

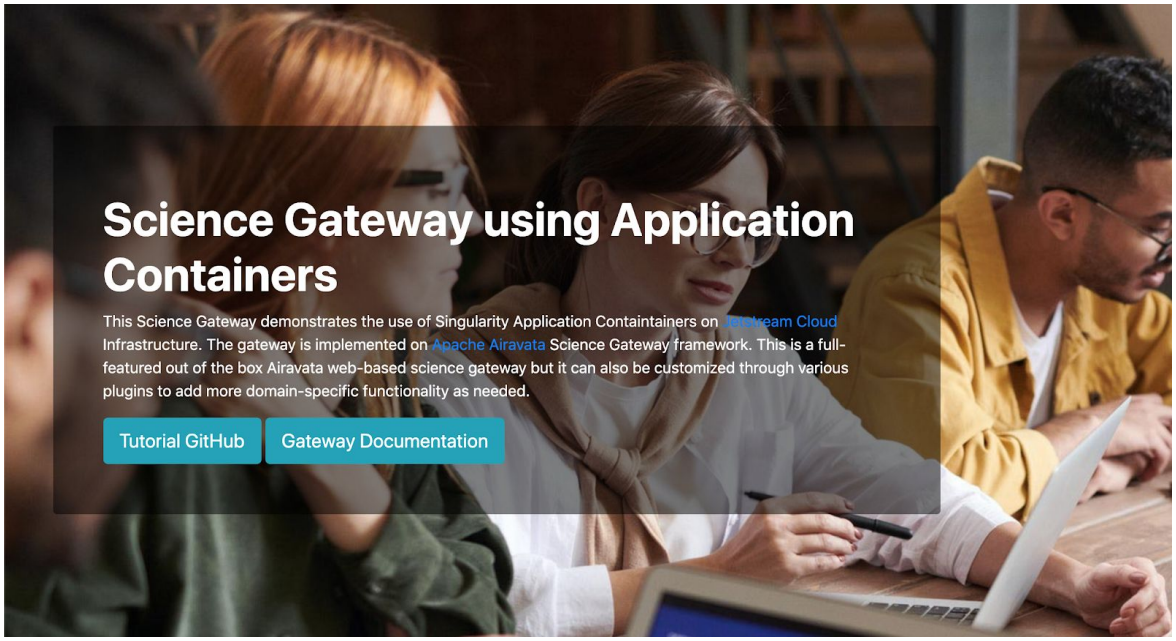
main-nav	.main-nav {
	color: #777;
	}
	.main-nav a{
	color: #777 !important;

	}
	.main-nav a:hover {
	color: #9cb7e2 !important;
	}

5. Default theme

Freshly installed science gateway has a default theme. You can customize it with your own branding and content. Following sections describe how default theme is constructed using the panels and the classes described above.

1. Header



Top most section of the theme is dedicated to give an idea about what the site is about.

1. Use a Max Width Container with background image
2. Row Content has only one Bootstrap Card Block

Max Width Container

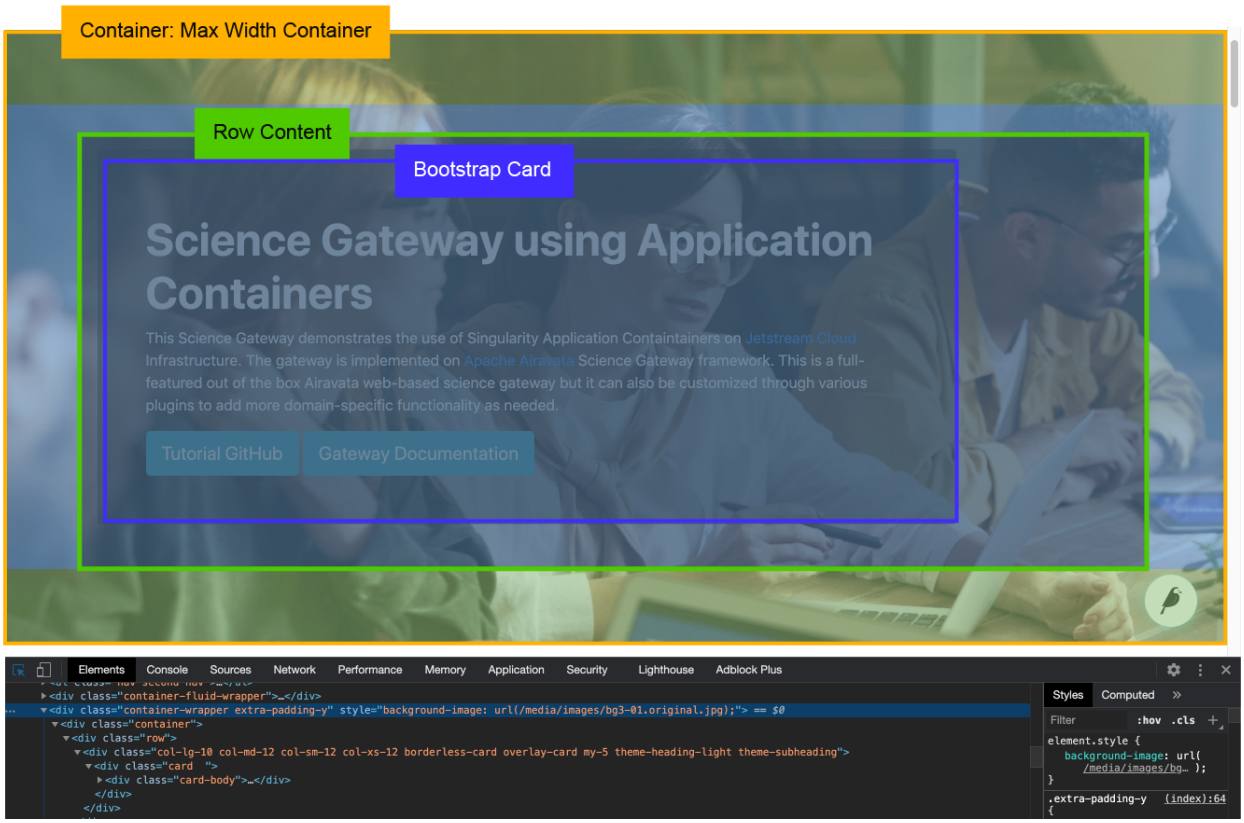
Use following classes

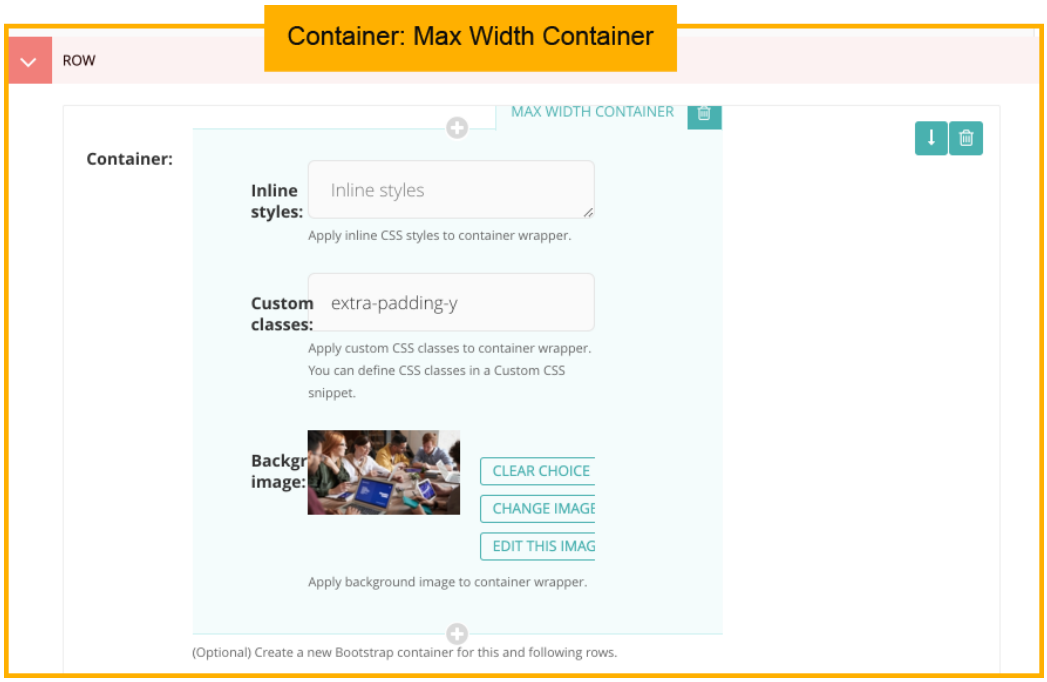
- extra-padding-y

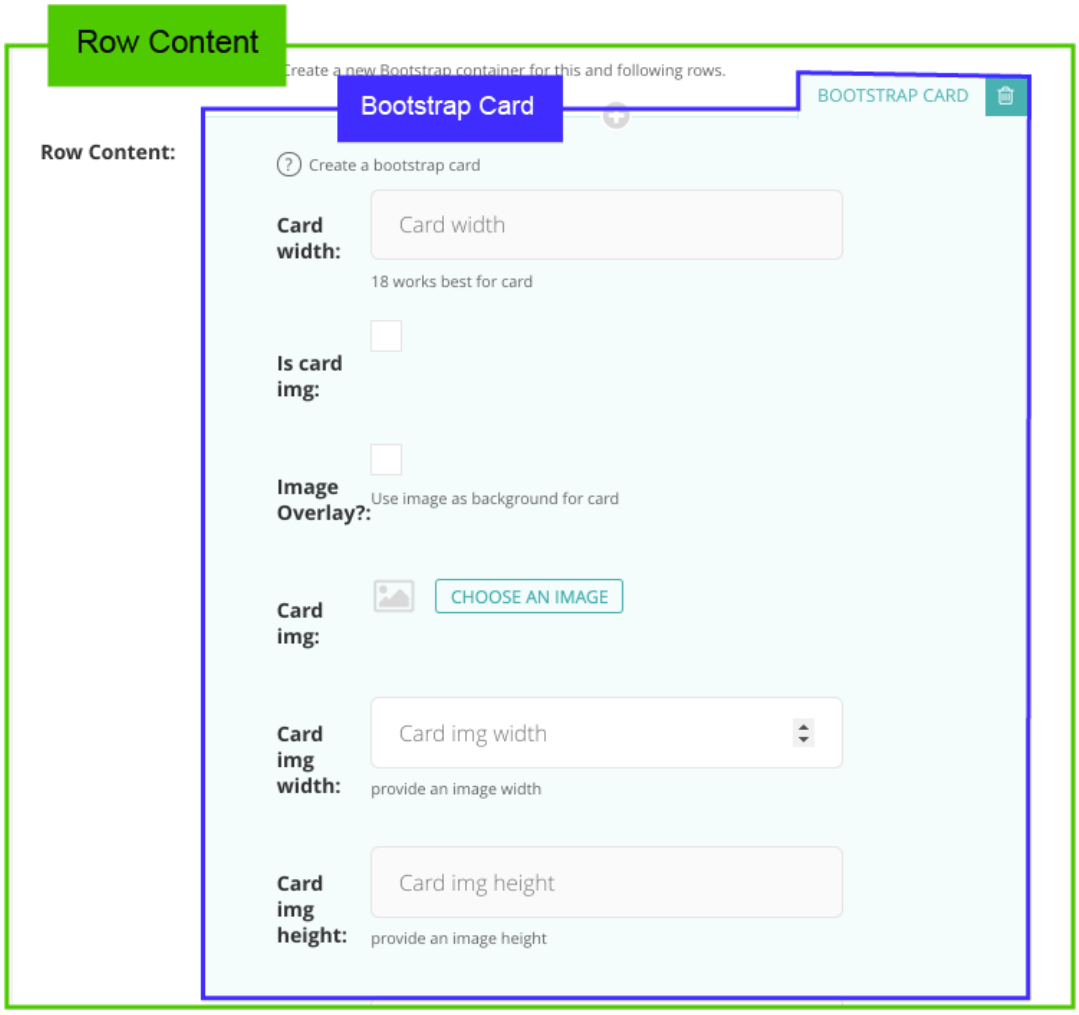
Bootstrap Card

Card block uses following custom classes

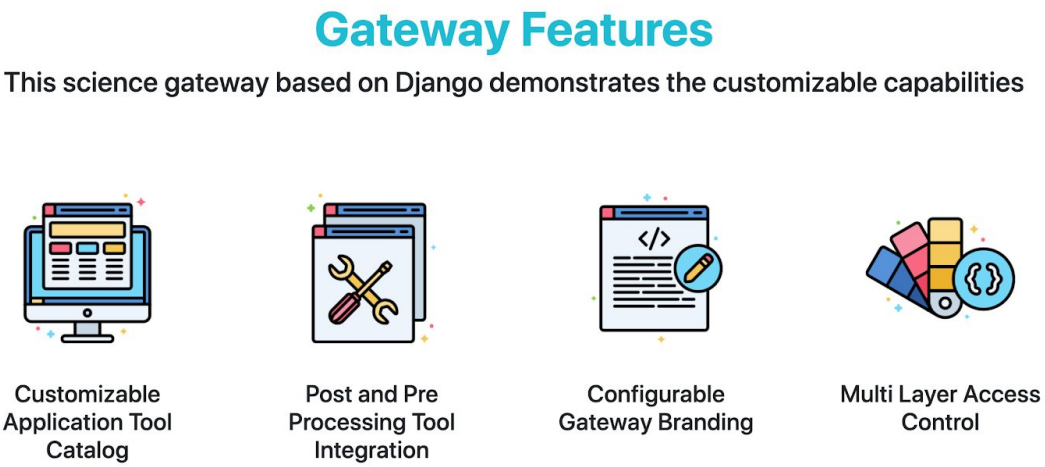
- col-lg-10 col-md-12 col-sm-12 col-xs-12
- Borderless-card
- Overlay-card
- my-5
- theme-heading-light
- theme-subheading




Container: Max Width Container
ROW
MAX WIDTH CONTAINER
Container:
Inline styles:
Inline styles
Apply inline CSS styles to container wrapper.
Custom classes:
extra-padding-y
Apply custom CSS classes to container wrapper. You can define CSS classes in a Custom CSS snippet.
Backgr image:
CLEAR CHOICE
CHANGE IMAGE
EDIT THIS IMAG
Apply background image to container wrapper.
(Optional) Create a new Bootstrap container for this and following rows.


Row Content
Create a new Bootstrap container for this and following rows.
Bootstrap Card
BOOTSTRAP CARD
Row Content:
Create a bootstrap card
Card width:
Card width
18 works best for card
Is card img:
Image Overlay?:
Use image as background for card
Card img:
CHOOSE AN IMAGE
Card img width:
Card img width
provide an image width
Card img height:
Card img height
provide an image height

2. Features



Second section of the theme is dedicated showcase the features of project

1. Use 2 Max Width Containers with background image
2. 1 st Row Content has only one Paragraph Block
3. 2nd Row Content has 4 in lined Bootstrap Card Blocks

Max Width Container

Use following classes

- Extra-padding-y

Paragraph Block

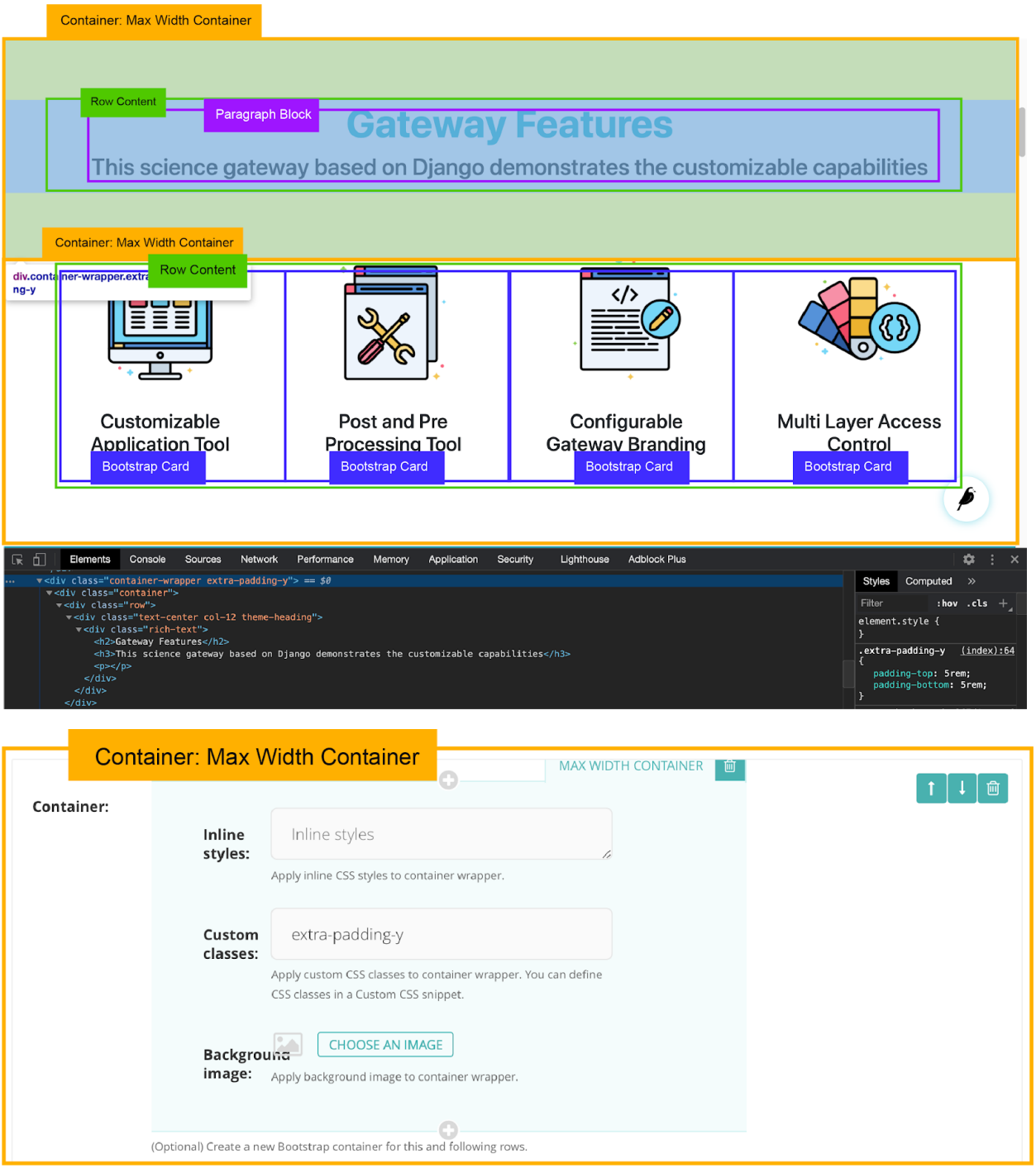
Use following classes

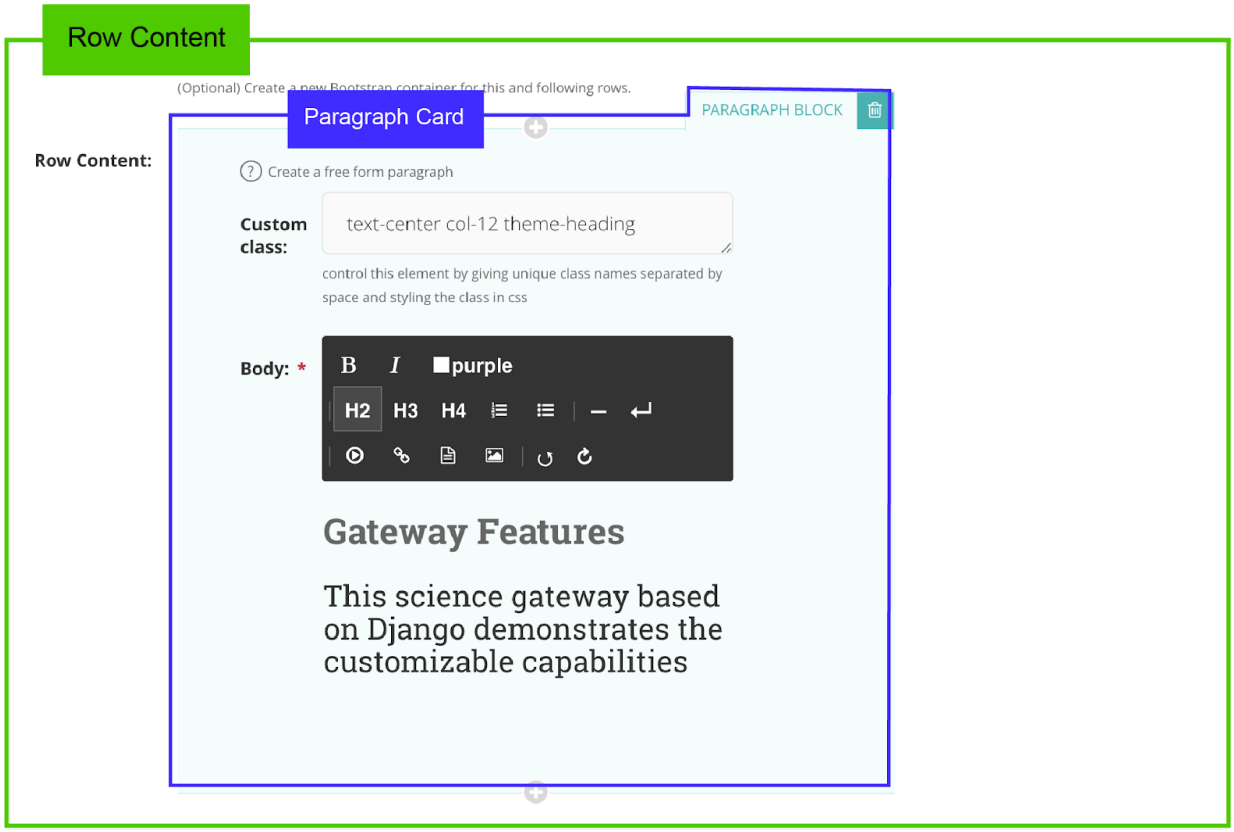
- Text-center
- col-12
- theme-heading

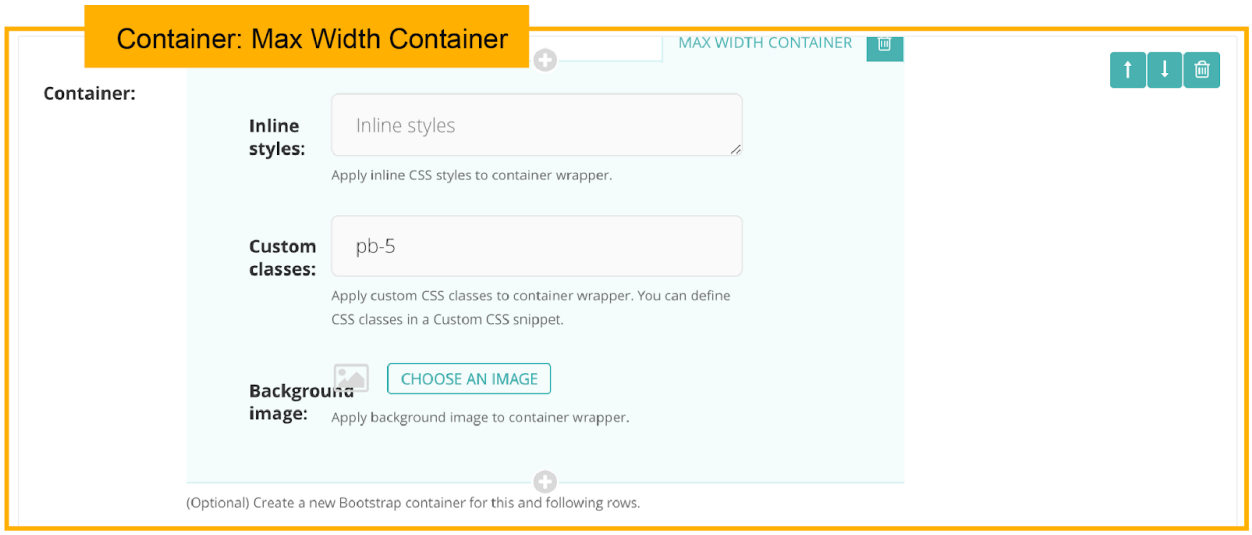
Bootstrap Card

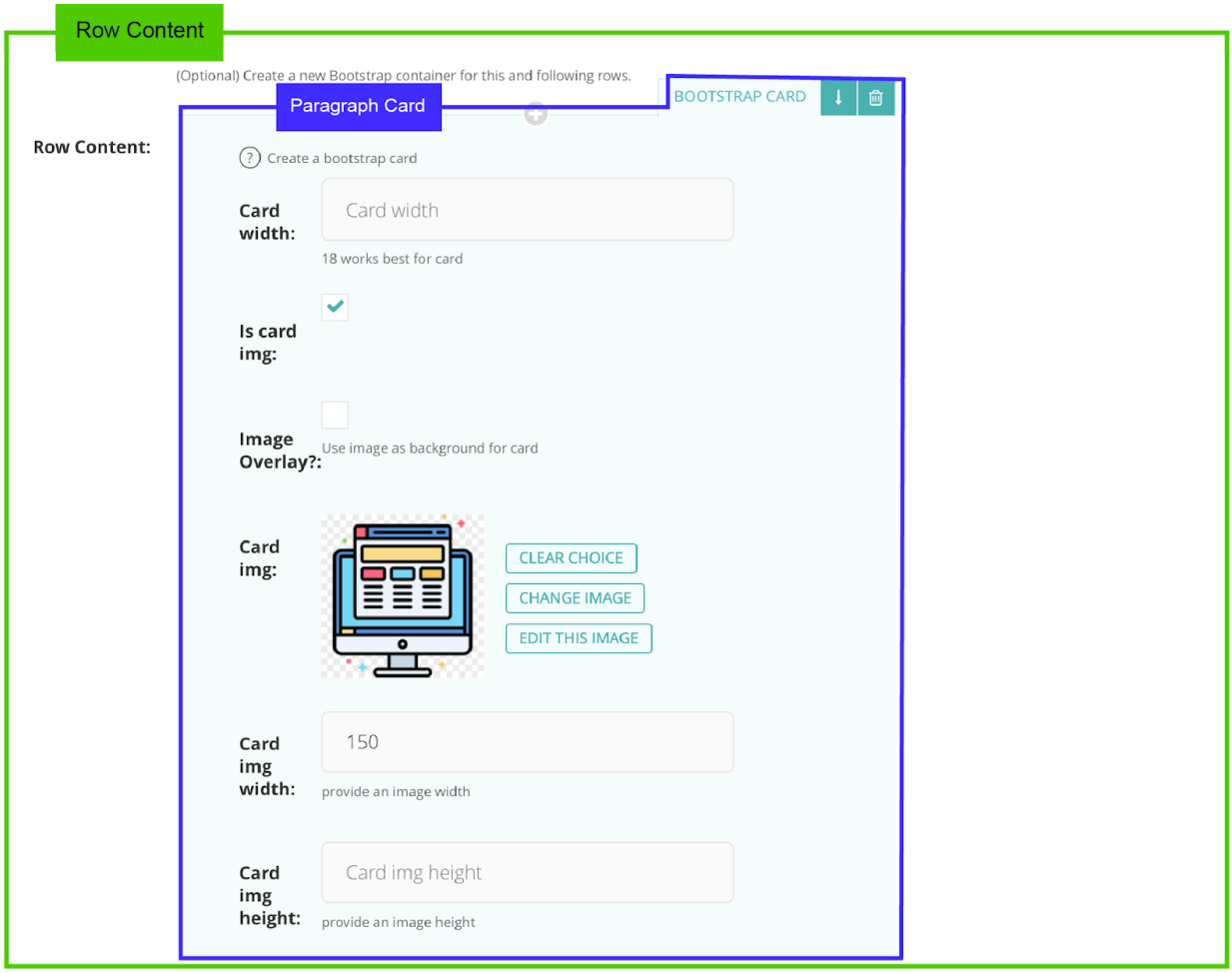
Card block uses following custom classes

- col-lg-3 col-md-6 col-sm-12 col-xs-12
- text-center
- borderless-card


Container: Max Width Container
Row Content
Paragraph Block
Gateway Features
This science gateway based on Django demonstrates the customizable capabilities
Container: Max Width Container
Row Content
Customizable Application Tool
Bootstrap Card
Post and Pre Processing Tool
Bootstrap Card
Configurable Gateway Branding
Bootstrap Card
Multi Layer Access Control
Bootstrap Card
Elements
Console
Sources
Network
Performance
Memory
Application
Security
Lighthouse
Adblock Plus
Styles
Computed
Container: Max Width Container
MAX WIDTH CONTAINER
Container:
Inline styles:
Inline styles
Apply inline CSS styles to container wrapper.
Custom classes:
extra-padding-y
Apply custom CSS classes to container wrapper. You can define CSS classes in a Custom CSS snippet.
Background image:
CHOOSE AN IMAGE
Apply background image to container wrapper.
(Optional) Create a new Bootstrap container for this and following rows.


Row Content
(Optional) Create a new Bootstrap container for this and following rows.
Paragraph Card
PARAGRAPH BLOCK
Row Content:
Create a free form paragraph
Custom class:
text-center col-12 theme-heading
control this element by giving unique class names separated by space and styling the class in css
Body: *
B
I
purple
H2
H3
H4
Gateway Features
This science gateway based on Django demonstrates the customizable capabilities


Container: Max Width Container
MAX WIDTH CONTAINER
Container:
Inline styles:
Inline styles
Apply inline CSS styles to container wrapper.
Custom classes:
pb-5
Apply custom CSS classes to container wrapper. You can define CSS classes in a Custom CSS snippet.
Background image:
CHOOSE AN IMAGE
Apply background image to container wrapper.
(Optional) Create a new Bootstrap container for this and following rows.



3. Applications

Third section of the theme is allocated to showcase important aspects of the project side by side

1. Use 4 Max Width Containers
2. Each Row Content inside container has one Image Block and Bootstrap Card Block in line.

Max Width Container

Use following classes

- Extra-padding-y

Image Block

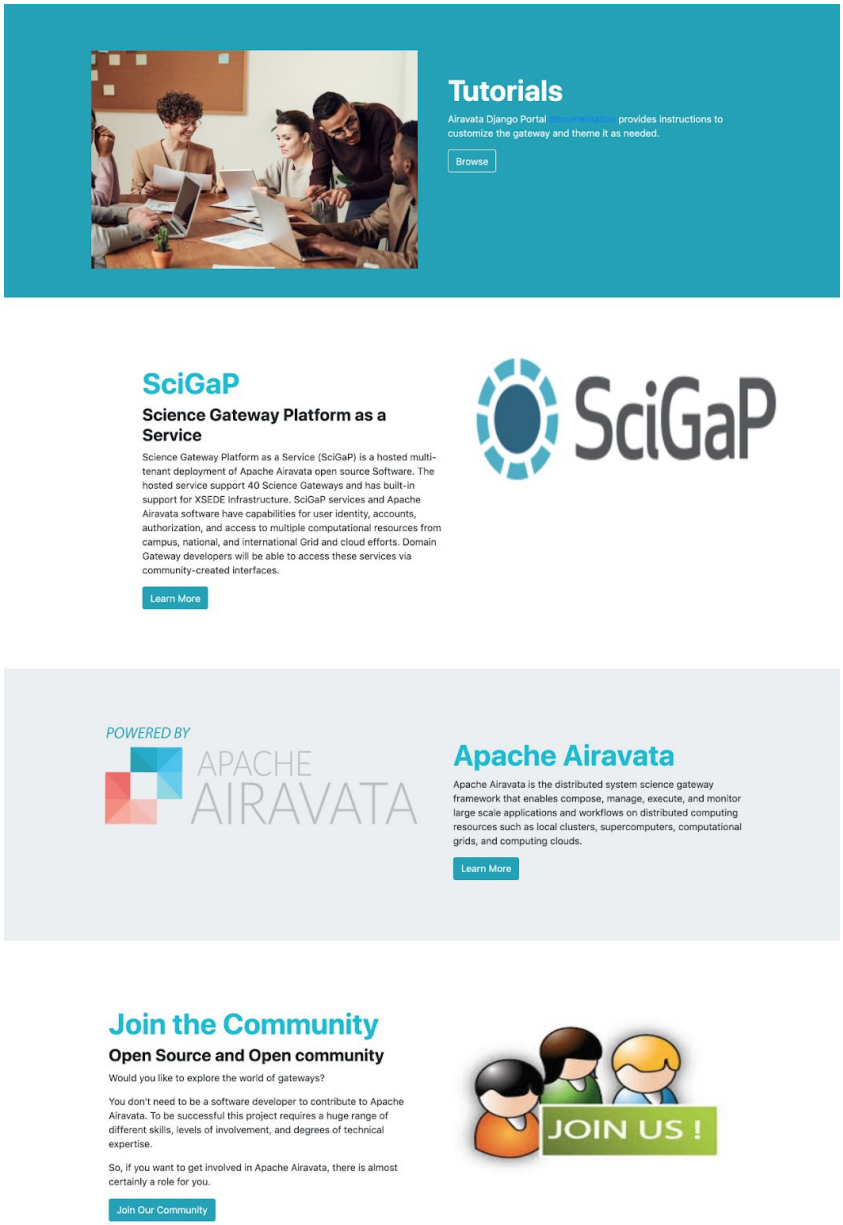
Use following classes

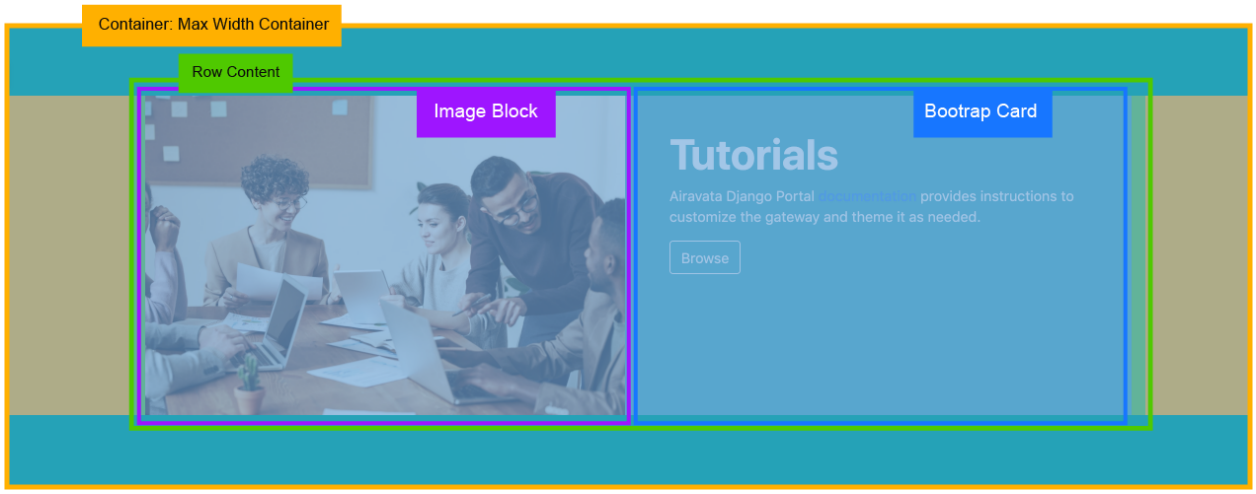
- col-lg-6 col-md-12 col-sm-12 col-xs-12

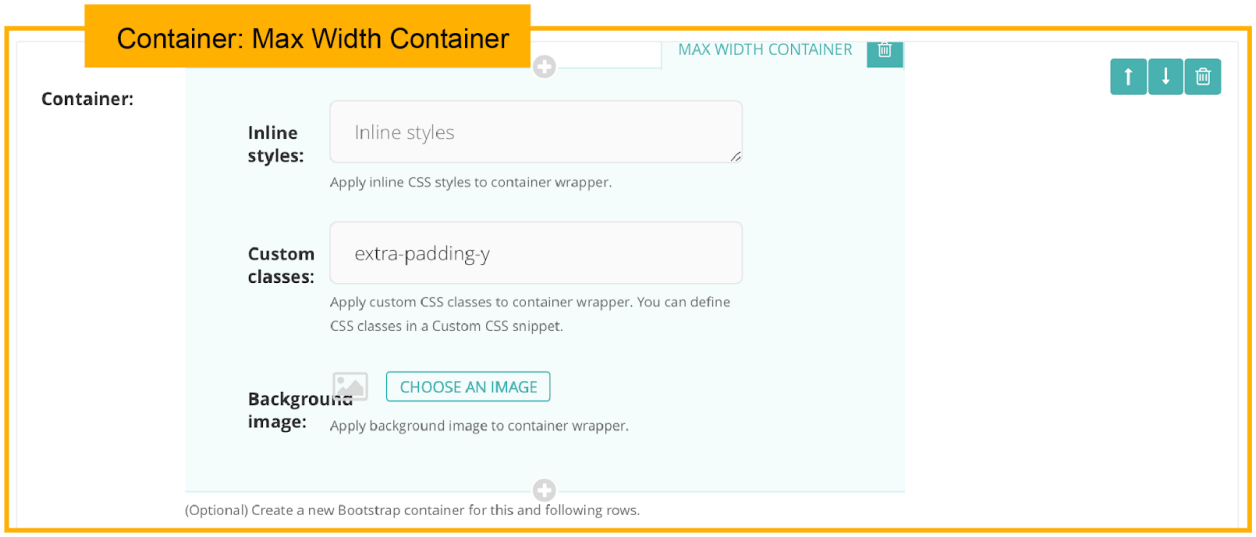
Bootstrap Card

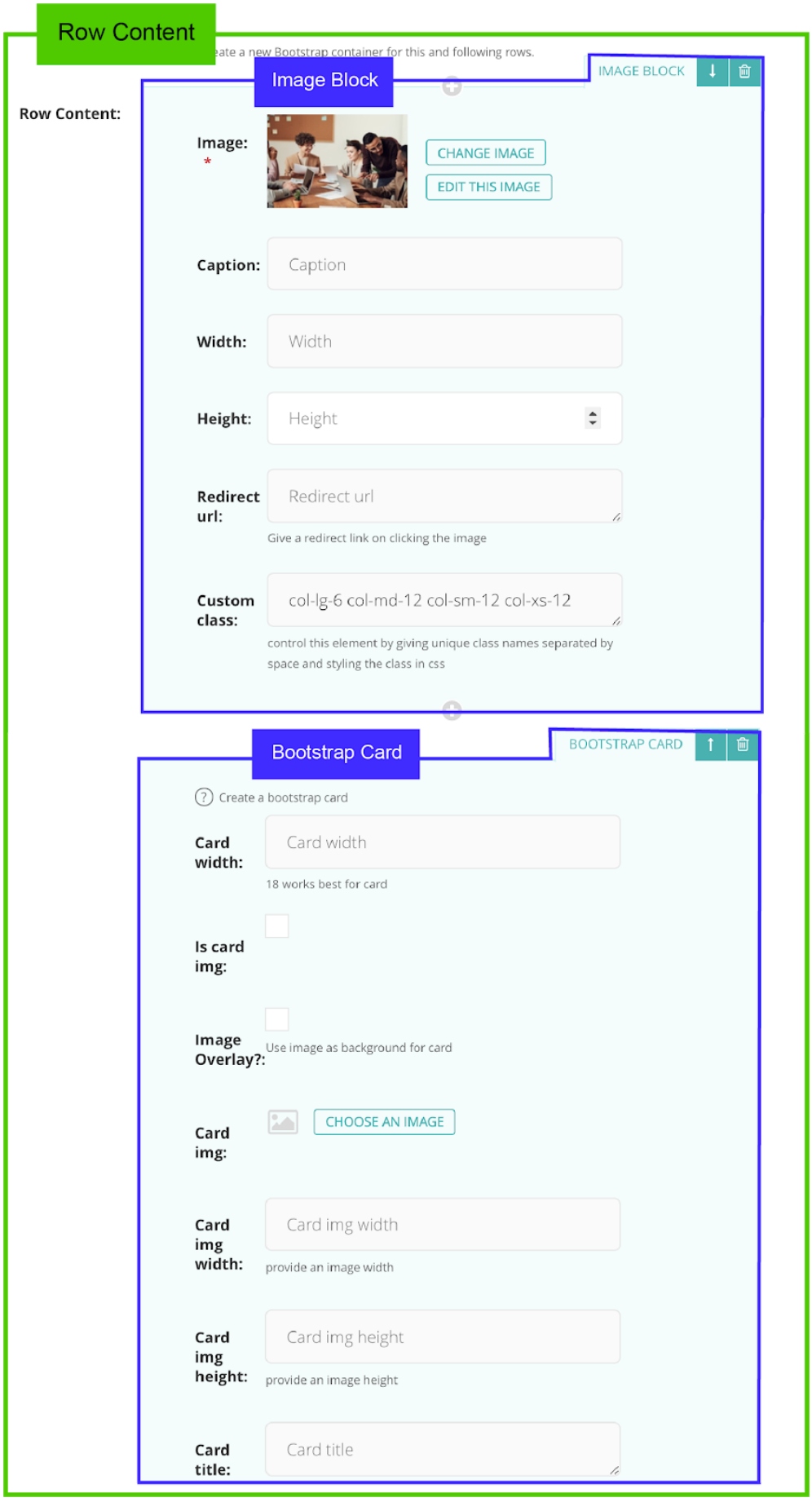
Card block uses following custom classes

- col-lg-6 col-md-12 col-sm-12 col-xs-12
- borderless-card
- transparent-card
- theme-heading-light
- text-light

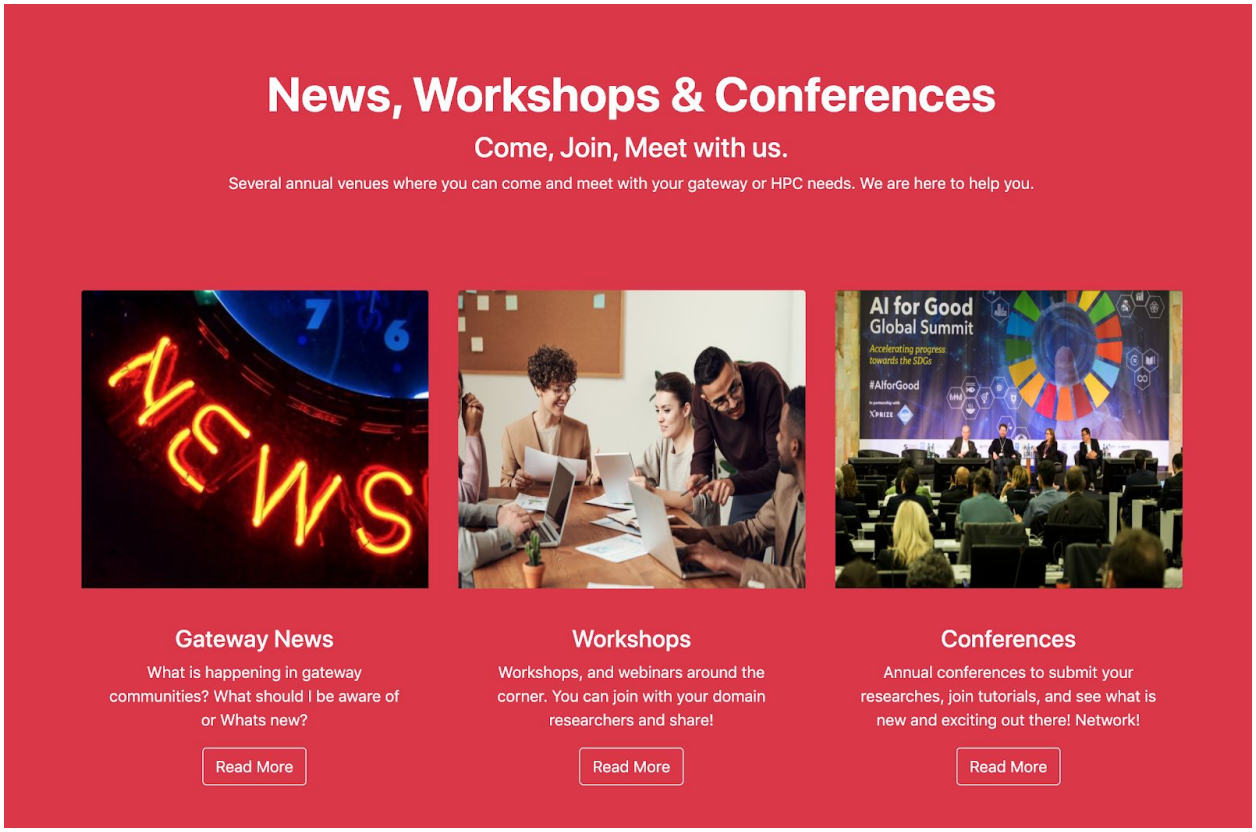



Container: Max Width Container
Row Content
Image Block
Bootrap Card
Tutorials
Airavata Django Portal documentation provides instructions to customize the gateway and theme it as needed.
Browse


Container: Max Width Container
MAX WIDTH CONTAINER
Container:
Inline styles:
Inline styles
Apply inline CSS styles to container wrapper.
Custom classes:
extra-padding-y
Apply custom CSS classes to container wrapper. You can define CSS classes in a Custom CSS snippet.
Background image:
CHOOSE AN IMAGE
Apply background image to container wrapper.
(Optional) Create a new Bootstrap container for this and following rows.


Row Content
eate a new Bootstrap container for this and following rows.
Row Content:
Image Block
IMAGE BLOCK
Image:
*
CHANGE IMAGE
EDIT THIS IMAGE
Caption:
Caption
Width:
Width
Height:
Height
Redirect url:
Redirect url
Give a redirect link on clicking the image
Custom class:
col-lg-6 col-md-12 col-sm-12 col-xs-12
control this element by giving unique class names separated by space and styling the class in css
Bootstrap Card
BOOTSTRAP CARD
Create a bootstrap card
Card width:
Card width
18 works best for card
Is card img:
Image Overlay?:
Use image as background for card
Card img:
CHOOSE AN IMAGE
Card img width:
Card img width
provide an image width
Card img height:
Card img height
provide an image height
Card title:
Card title

4. News, Workshops & Conferences



Third section of the theme is allocated to showcase important aspects of the project side by side

1. Use 2 Max Width Containers
2. 1st Row Content has one Paragraph Block
3. 2nd Row Content has 3 Bootstrap Card blocks

Max Width Container

Use following classes

- Extra-padding-y
- Bg-danger

Paragraph Block

Use following classes

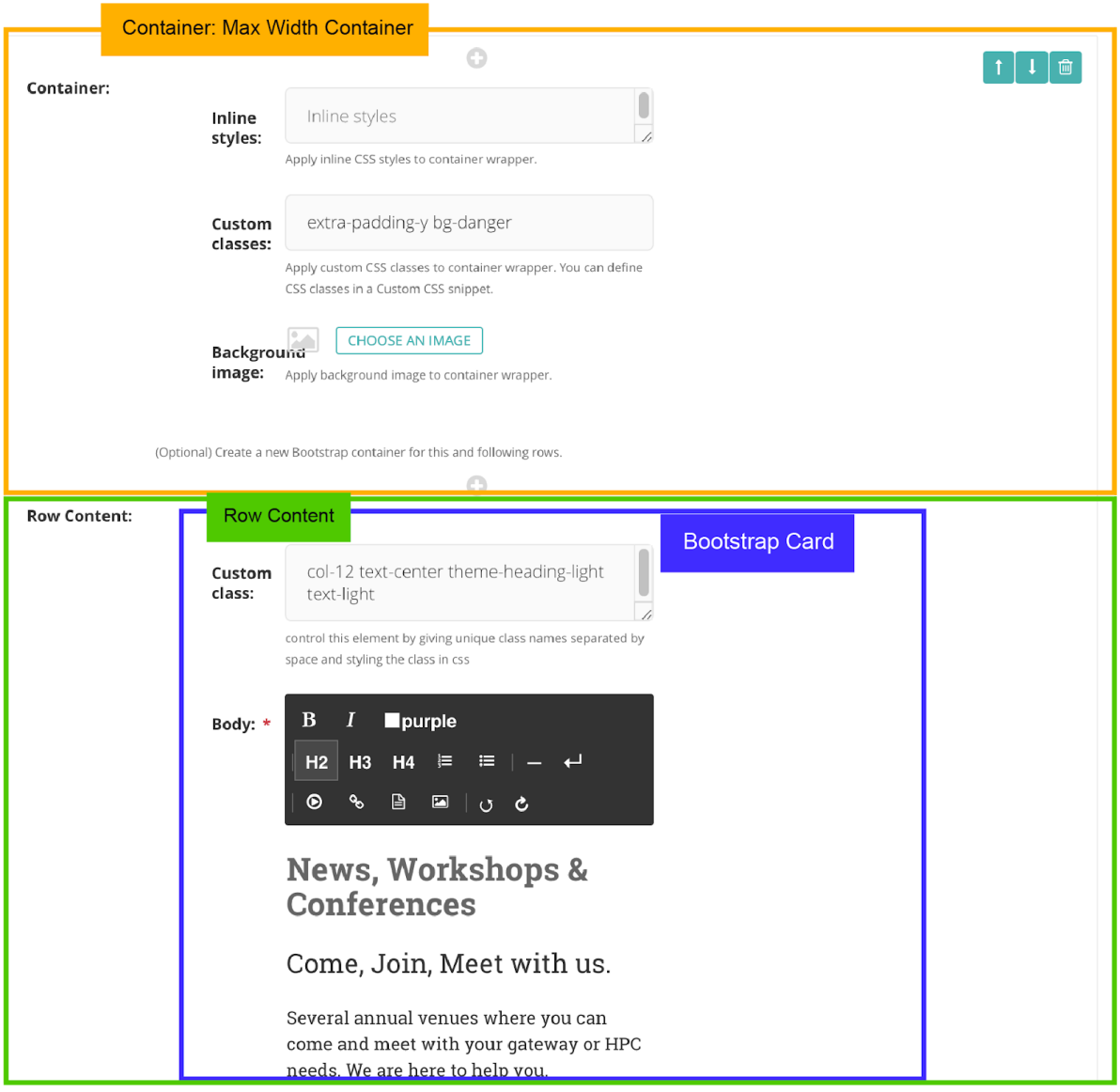
- col-12

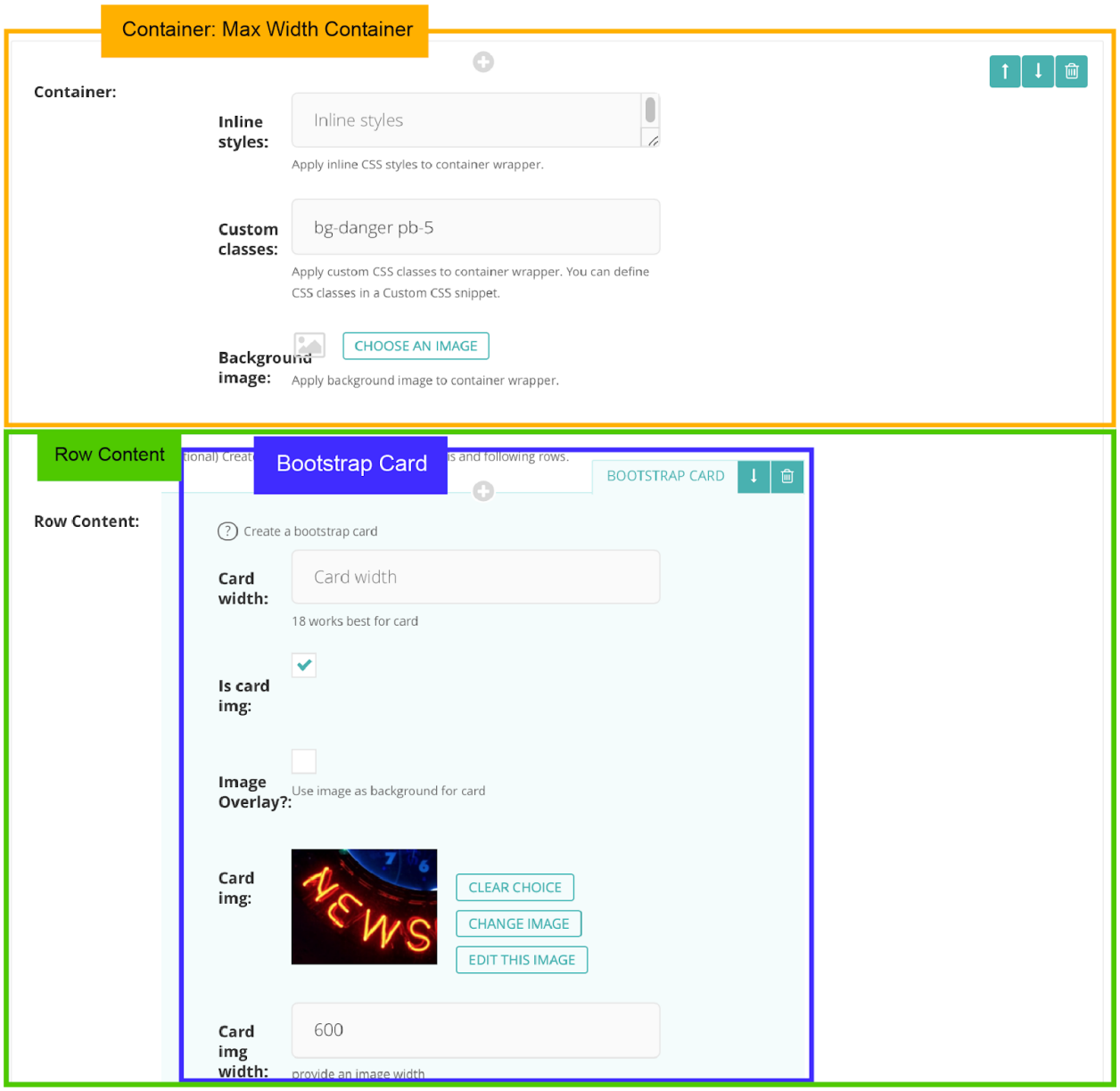
- text-center
- theme-heading-light
- text-light

Bootstrap Card

Card block uses following custom classes

- col-lg-4 col-md-6 col-sm-12 col-xs-12
- borderless-card
- transparent-card
- text-light
- text-center





5. Collaborators

Third section of the theme is allocated to showcase the collaborator of the project

1. Use Max Width Container
2. Row Content has one Paragraph Block and 6 inline image blocks

Max Width Container

Use following classes

- Extra-padding-y

Paragraph Block

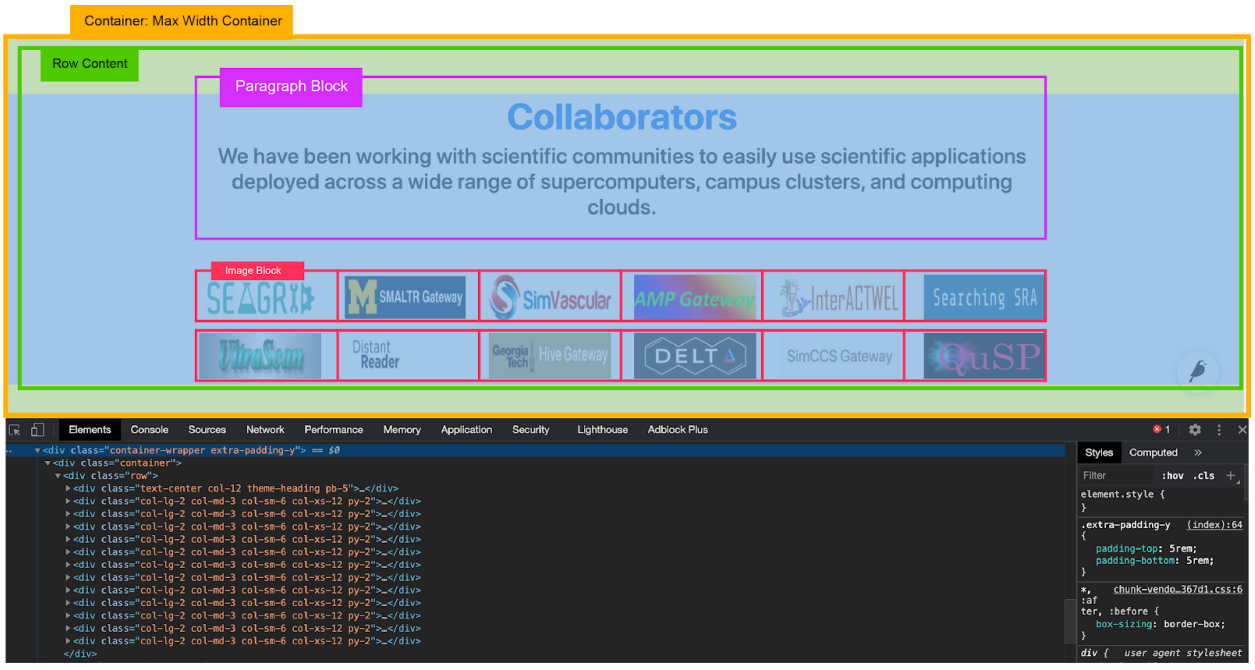
Use following classes

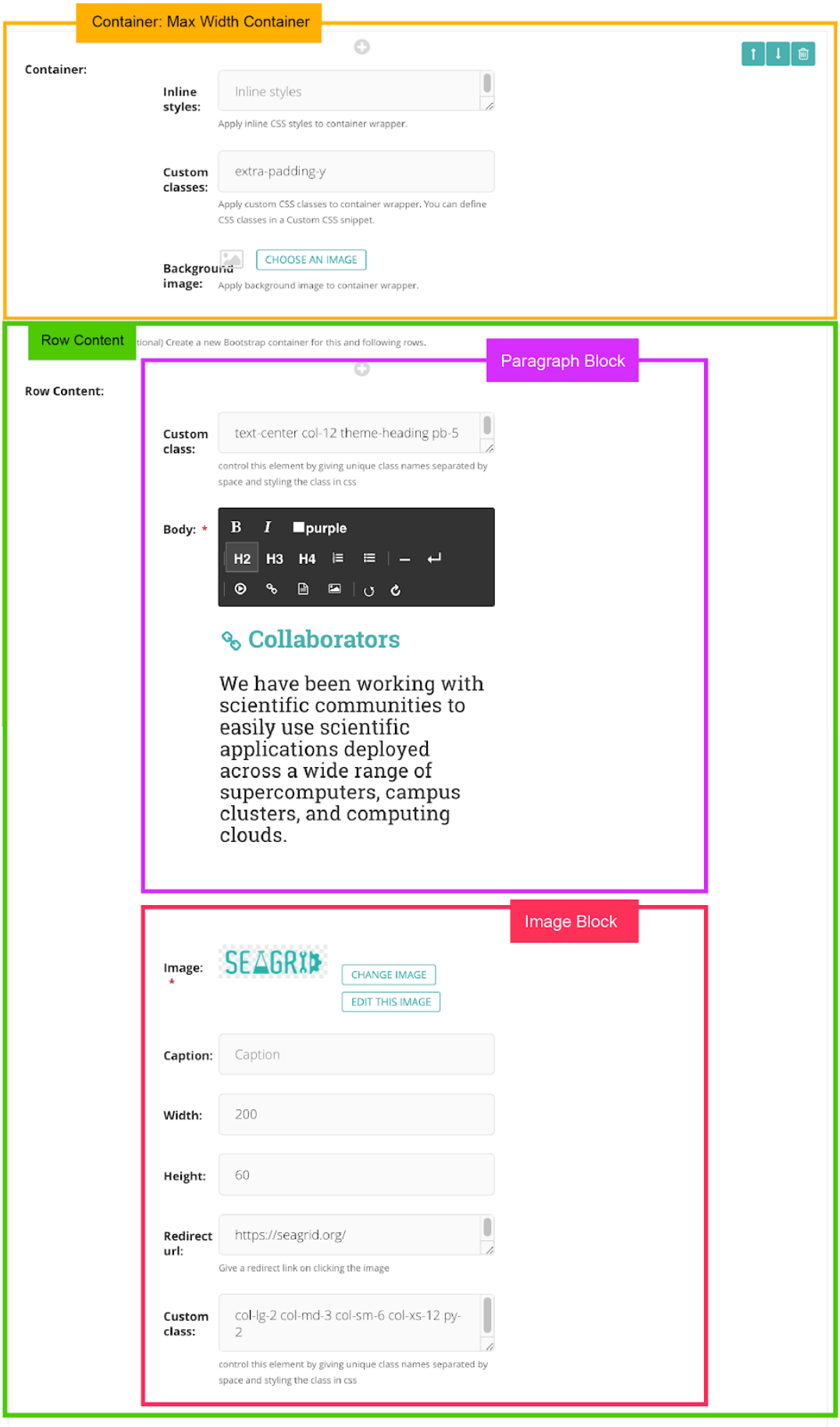
- col-12
- text-center
- theme-heading

Image Block

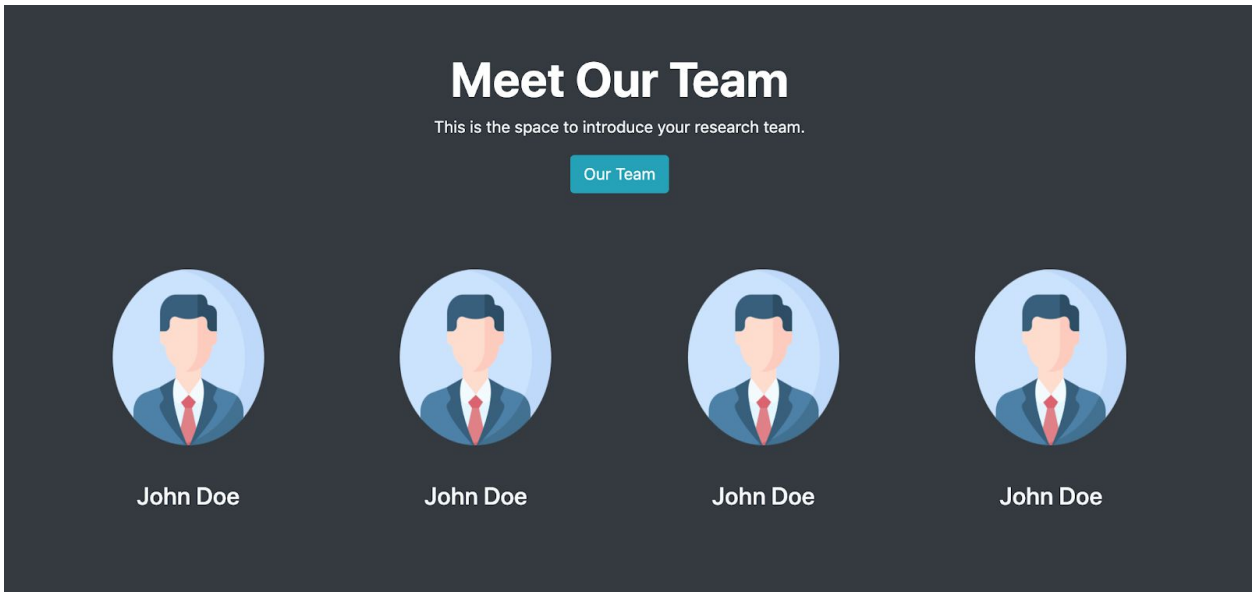
Use following classes

- col-lg-2 col-md-3 col-sm-6 col-xs-12
- py-2




Container: Max Width Container
Container:
Inline styles:
Inline styles
Apply inline CSS styles to container wrapper.
Custom classes:
extra-padding-y
Apply custom CSS classes to container wrapper. You can define CSS classes in a Custom CSS snippet.
Background image:
CHOOSE AN IMAGE
Apply background image to container wrapper.
Row Content
tional) Create a new Bootstrap container for this and following rows.
Row Content:
Paragraph Block
Custom class:
text-center col-12 theme-heading pb-5
control this element by giving unique class names separated by space and styling the class in css
Body: *
B I purple
H2 H3 H4
Collaborators
We have been working with scientific communities to easily use scientific applications deployed across a wide range of supercomputers, campus clusters, and computing clouds.
Image Block
Image: *
CHANGE IMAGE
EDIT THIS IMAGE
Caption:
Caption
Width:
200
Height:
60
Redirect url:
https://seagrid.org/
Give a redirect link on clicking the image
Custom class:
col-lg-2 col-md-3 col-sm-6 col-xs-12 py-2
control this element by giving unique class names separated by space and styling the class in css

4. Our Team



Third section of the theme is allocated to showcase the team members

3. Use Max Width Container
4. Row Content uses bootstrap cards

Max Width Container

Use following classes

- extra-padding-y
- bg-dark

Paragraph Block

Use following classes

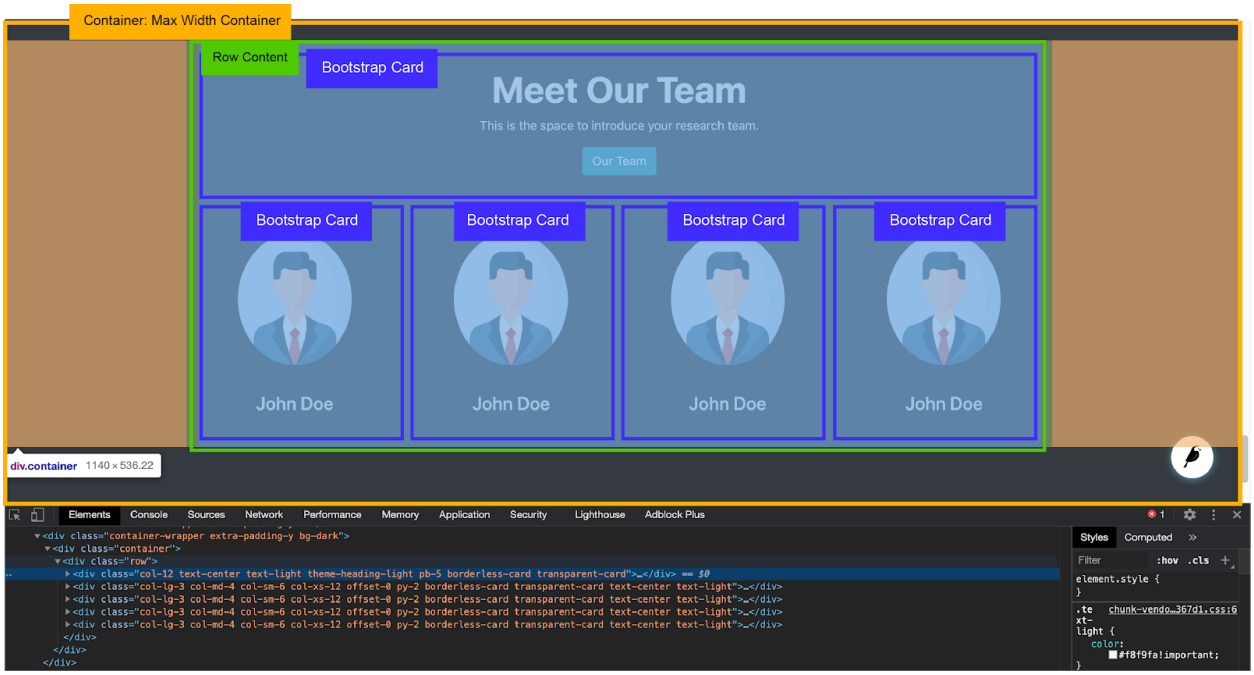
- col-12
- text-center
- theme-heading

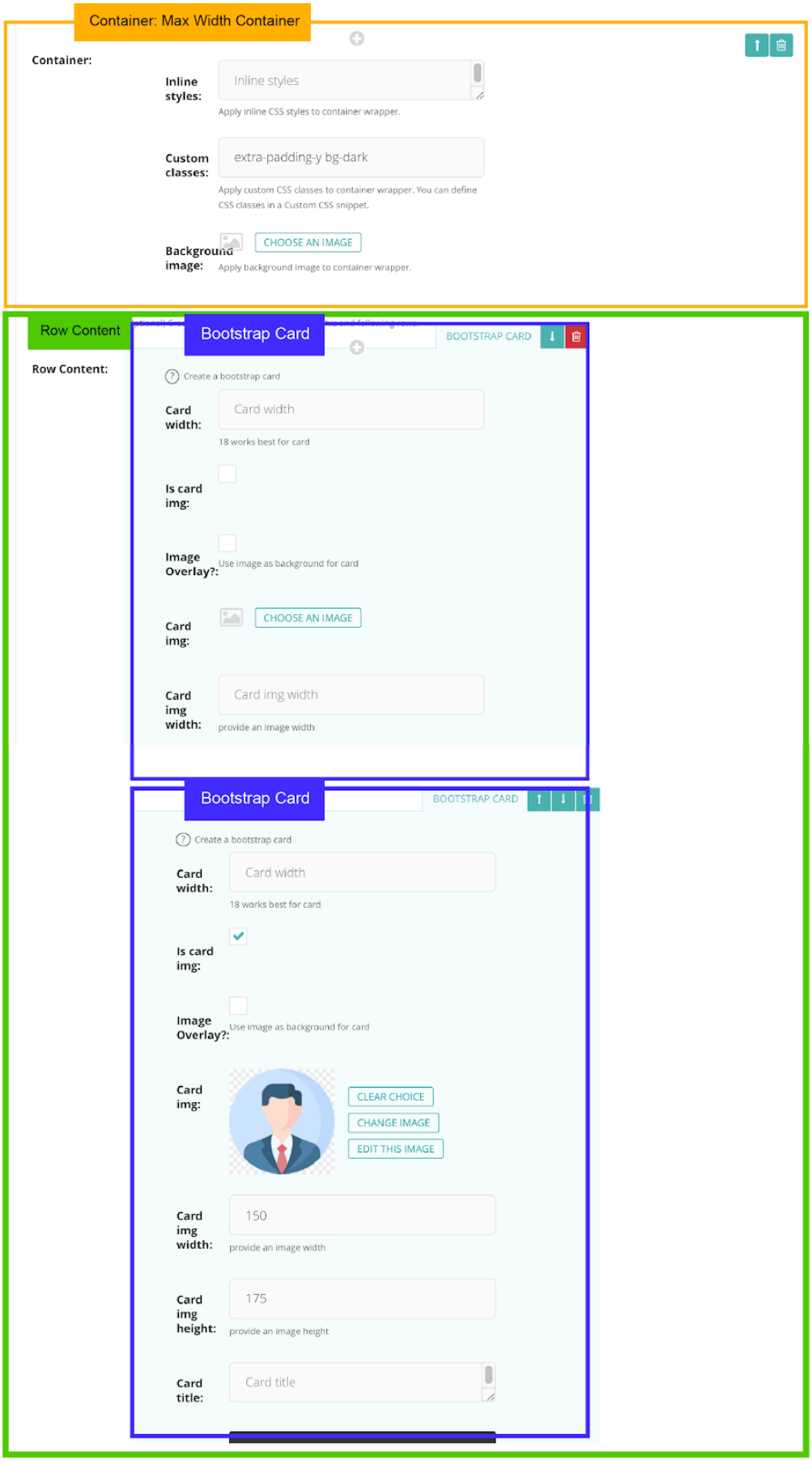
Bootstrap Card

Card block uses following custom classes

- col-lg-3 col-md-4 col-sm-6 col-xs-12
- offset-0

- py-2
- borderless-card
- transparent-card
- text-light
- text-center




Container: Max Width Container
Container:
Inline styles:
Inline styles
Apply inline CSS styles to container wrapper.
Custom classes:
extra-padding-y bg-dark
Apply custom CSS classes to container wrapper. You can define CSS classes in a Custom CSS snippet.
Background image:
CHOOSE AN IMAGE
Apply background image to container wrapper.
Row Content
Row Content:
Bootstrap Card
BOOTSTRAP CARD
Create a bootstrap card
Card width:
Card width
18 works best for card
Is card img:
Image Overlay?:
Use image as background for card
Card img:
CHOOSE AN IMAGE
Card img width:
Card img width
provide an image width
Bootstrap Card
BOOTSTRAP CARD
Create a bootstrap card
Card width:
Card width
18 works best for card
Is card img:
Image Overlay?:
Use image as background for card
Card img:
CLEAR CHOICE
CHANGE IMAGE
EDIT THIS IMAGE
Card img width:
150
provide an image width
Card img height:
175
provide an image height
Card title:
Card title