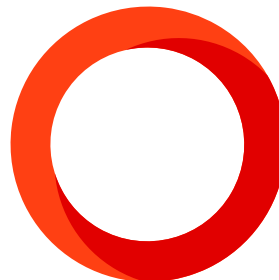
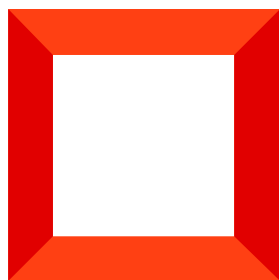
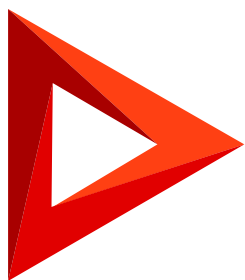


Elements reference

Freedom UI Designer

Version 8.0



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The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

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Freedom UI Designer

PRODUCTS: [ALL CREATIO PRODUCTS](#)

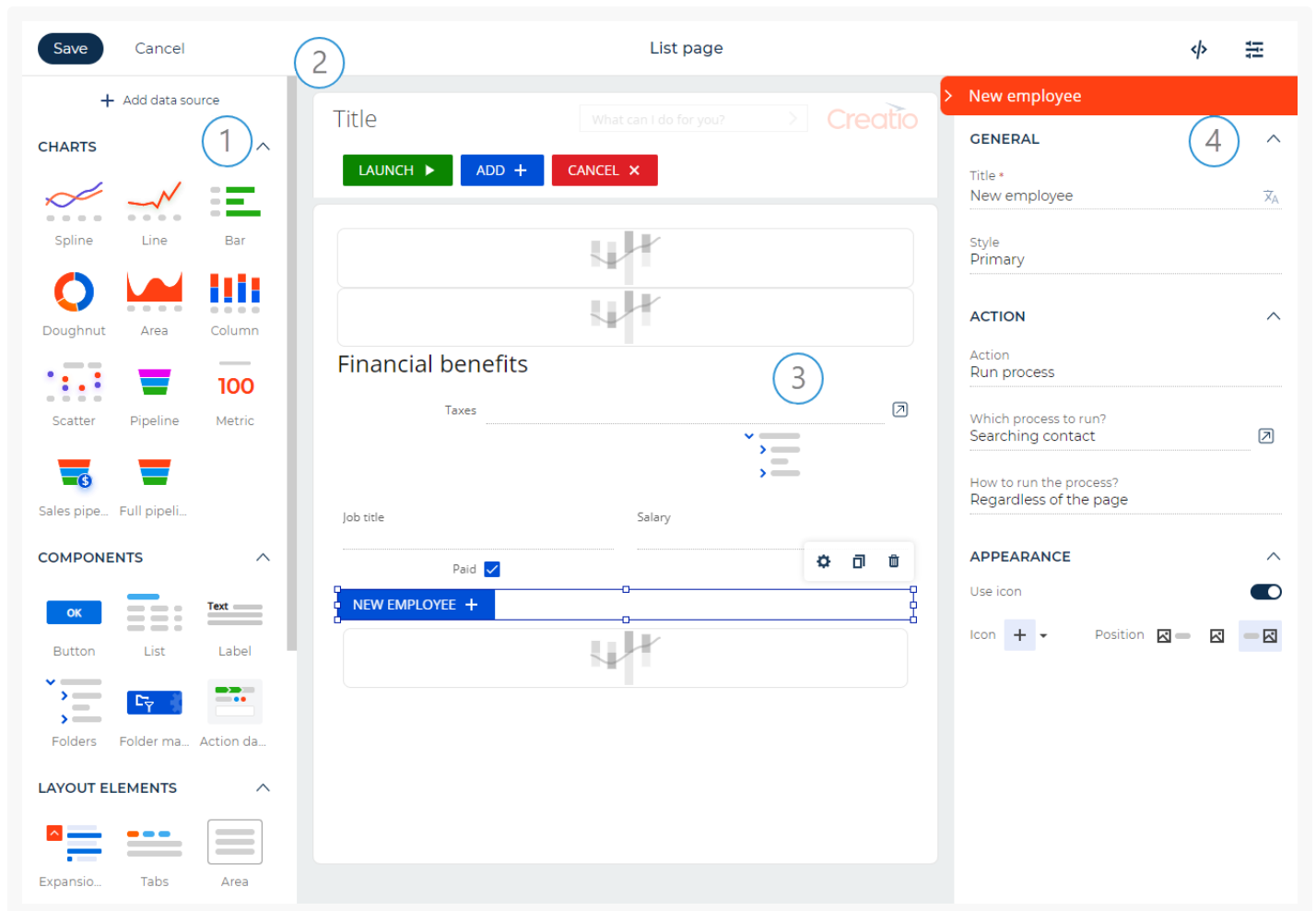
Freedom UI Designer is a WYSIWIG editor that lets you create and set up a fully responsive app layout (including mobile). You can create UIs from ready layout templates, such as pages with tabs and dashboards. You can also create a custom UI of any structure from scratch. Set up the pages in the new Freedom UI framework, which lets you modify the appearance of elements, manage data sources, and place page components arbitrarily.

Work in the Freedom UI Designer using no-code tools. UI design involves structuring the page with layout elements: tabs, areas, and columns. Depending on the information you want to display on the page, you can also set up charts, add fields, lists, buttons, and other components.

You can use the Freedom UI Designer to customize lists and pages of any structure. UI design involves structuring the page with tabs, areas, and columns. Depending on the information you want to display on the page, you can also set up charts, add fields, data sources, buttons, and other components.

To begin with the setup of Freedom UI pages, click  in the top right of the current app page → [*Edit page*]. This opens the Freedom UI Designer (Fig. 1).


Fig. 1 The Freedom UI Designer



Element library (1). The component library contains the tools required to set up a custom UI.

Action panel (2). Use the action panel to save the page design, cancel the changes, open the source code and the page property settings.

Canvas (3). The working area of the Freedom UI Designer. Drag elements from the library to the canvas to set up the page structure.

Setup area (4). Use the setup area to manage the properties of visual components, the behavior of buttons, expansion panels, charts, etc. Learn more about the settings in the description of each element. To open the setup area, double-click the relevant element or select the element on the canvas and click .

Freedom UI Designer elements

View the elements of the Designer in the table below:

Element types	Description
Data	An element group that manages the page data source: the object of the section where the page is located.
Charts	Elements that visualize statistics. The following chart types are available: spline, line, bar, doughnut, area, column, scatter, pipeline, metric, sales pipeline, full pipeline.
Components	Elements that execute target page actions and solve a number of other problems: button, label, folders, list, action panel.
Layout elements	Elements that structure the page: expansion panels, tabs, areas, columns.
Inputs	Elements that display data and let you enter data. The following field types are available: text, number, dropdown, date/time, checkbox.

Data

App pages can accept single or multiple data sources. For example, a data source for a record page is a specific object. When you set up the UI design, Creatio adds and modifies the corresponding fields of the data source. Creatio adds a data source automatically when you create an app. You can add an existing source or create a new source when you add an app page.

To add existing fields to the page, drag them from the [*Data*] area to the relevant part of the canvas.

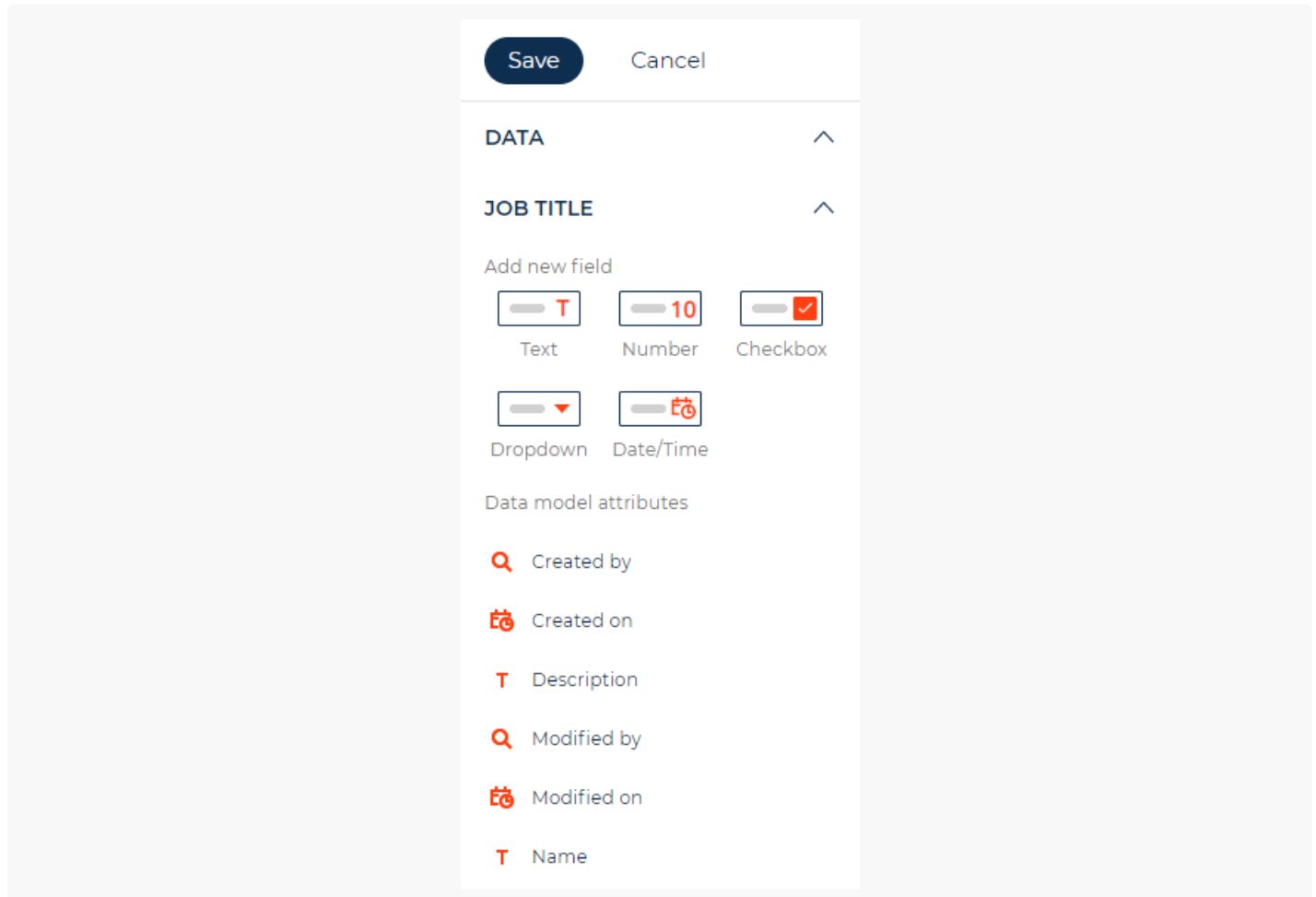
Creatio will specify the data source automatically.

You can add new data sources to the app. To do this:

1. Click [*Add data source*].
2. Select "New data source." This opens a box.
3. Fill out the [*Name*] and [*Description*] fields of the data source in the box.

As a result, Creatio will add an object and connect it to the page as a data source. The Freedom UI Designer will display the data source in the [*Data*] group. The [*Code*] field will be populated automatically (Fig. 2).

Fig. 2 Data in the Freedom UI Designer



Fields

Use the [*Fields*] layout element to display data and enable users to enter data.

You can add an input field to the app page and link the field to the relevant data source. You will be able to use this field in the Freedom UI Designer, as well as display the values of other fields from the linked object on the page.

You can add the following field types to the page in the UI Designer:

- **String.** Enables users to enter letters, digits, and other characters.
- **Number.** Enables users to enter integers or fractions.
- **Dropdown.** Enables users to select values from a set list of options stored in a lookup or other data source. You can add a new lookup object when you add this field.
- **Date/Time.** Enables users to select date and/or time, depending on the selected format.
- **Boolean.** Enables users to select either of the two values: “True” or “False.” “True” value is a selected checkbox.

The UI designer supports various properties that provide flexible field setup options. For example, requirement flag, read-only mode, multi-line mode, etc. Set the properties in the field setup area (Fig. 3):

1. Enter the name of the corresponding app field in the [*Title*] field. Creatio populates the field automatically when you select an object.

2. Enter a unique name for Creatio to create an object column in the [*Code*] field. Creatio populates the field automatically when you select an object.
3. Specify the data display format in the [*Format*] field. For example, lookup. The parameter is required.
4. Enter additional information about the field in the [*Description*] field (optional).
5. Specify whether the field must be filled out to save the app page in the [*Required*] field.
6. Select the checkbox in the [*Copy this value when copying records*] field (optional).
7. Select the Creatio object whose data to display in the field in the [*Object selection*] field.
8. Specify whether the user can modify the field data in the [*Editability*] field. Select the “Read-only” checkbox to make the field non-editable.
9. Specify the position of the title relative to the field in the [*Title position*] field. For example, “Left.”
10. Specify the [*Title on page*] parameter if the title on the page must differ from the title in Creatio.
11. Enter the hint for users in the [*Placeholder*] field.
12. Enable the following options for dropdown fields (optional):
 - a. adding new values
 - b. going to the record list

Fig. 3 Part of the field setup area

Role

GENERAL

Title *
Decision role

Code *
UsrDecisionRole

Lookup *
Role in decision making

Description
Role in decision making

Required *
Yes

Copy this value when copying records

EDITABILITY

Read-only

APPEARANCE

Title position
Left

Title on page
Role

Placeholder
Employee role

Enable adding new values

Charts

Chart setup in the UI Designer is mostly similar to [analytics](#) setup in the [*Dashboard*] section of the main Creatio application. However, charts in the UI designer have some unique features:

- For charts with multiple series, you can customize the header color and series color individually. Use the [*Chart color*] and [*Style*] fields to do this, respectively (Fig. 4).

Fig. 4 Setting up a chart with several series

Chart setup

SAVE CANCEL

Title* Opportunities in January and February by owners

Chart color* Light green

Chart style* Fully colored

X-Axis label Owner

Y-Axis label Number of opportunities

SERIES 1 SERIES 2

What to display

Object* Opportunity

Function* count

Chart type* Bar

With stacked

Show legend

How to group

Column* Owner

Use empty value

How to sort

Sort by* By grouping field

Sorting order Ascending

How to filter

Actions

Closed on = Current month

AND

+ Add condition

How to display

Opportunities in January and February by owners

Opportunity

Owner	Number of opportunities
Mary King	1
Peter Moore	2
Symon Clarke	1

- You can select from several fill options in the [*Chart style*] field for “Metric” and “Chart” dashboard headings (Fig. 5).

Fig. 5 Setting up the chart header style

Chart setup

SAVE CANCEL

Title* New chart

Chart color* Blue

Chart style* Fully colored

X-Axis label

Y-Axis label

CONTACTS

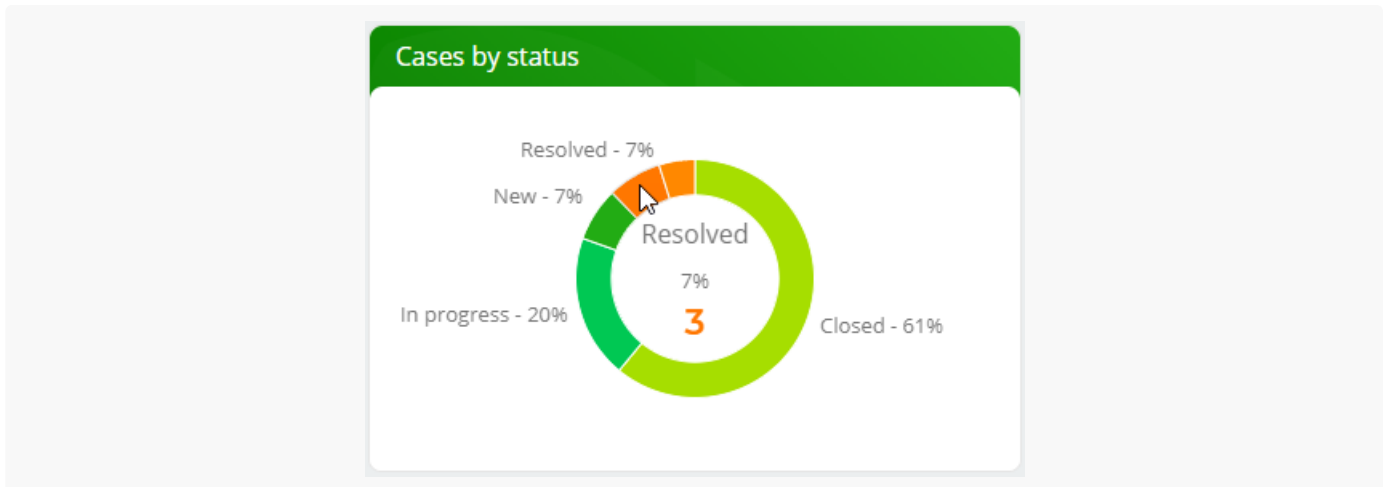
What to display

New chart

Metric	Value
691,800	691,800

- The “Pie chart” type is replaced with the “Doughnut chart” type. Set up this chart similar to the pie chart (Fig. 6).

Fig. 6 A doughnut chart



Components

Button

Use the [*Button*] component to execute a page action. For example, save the changes or run a process. Set display and operation parameters of a button in the setup area (Fig. 7):

1. Enter the button caption in the [*Title*] field.
2. Select the button fill color in the [*Style*] field. This lets you color code the intended function of a button.
3. Specify the action to execute when the user clicks the button in the [*Action*] field:

- save the record
- close the page
- cancel the changes
- run a process
- open a page
- open a record
- add a record

Depending on the selected action, additional fields can appear. This article covers the run process action.

4. Select an existing process in the [*Which process to run?*] field or set up a new process. The field appears if you specify "Run process" in the [*Action*] field.

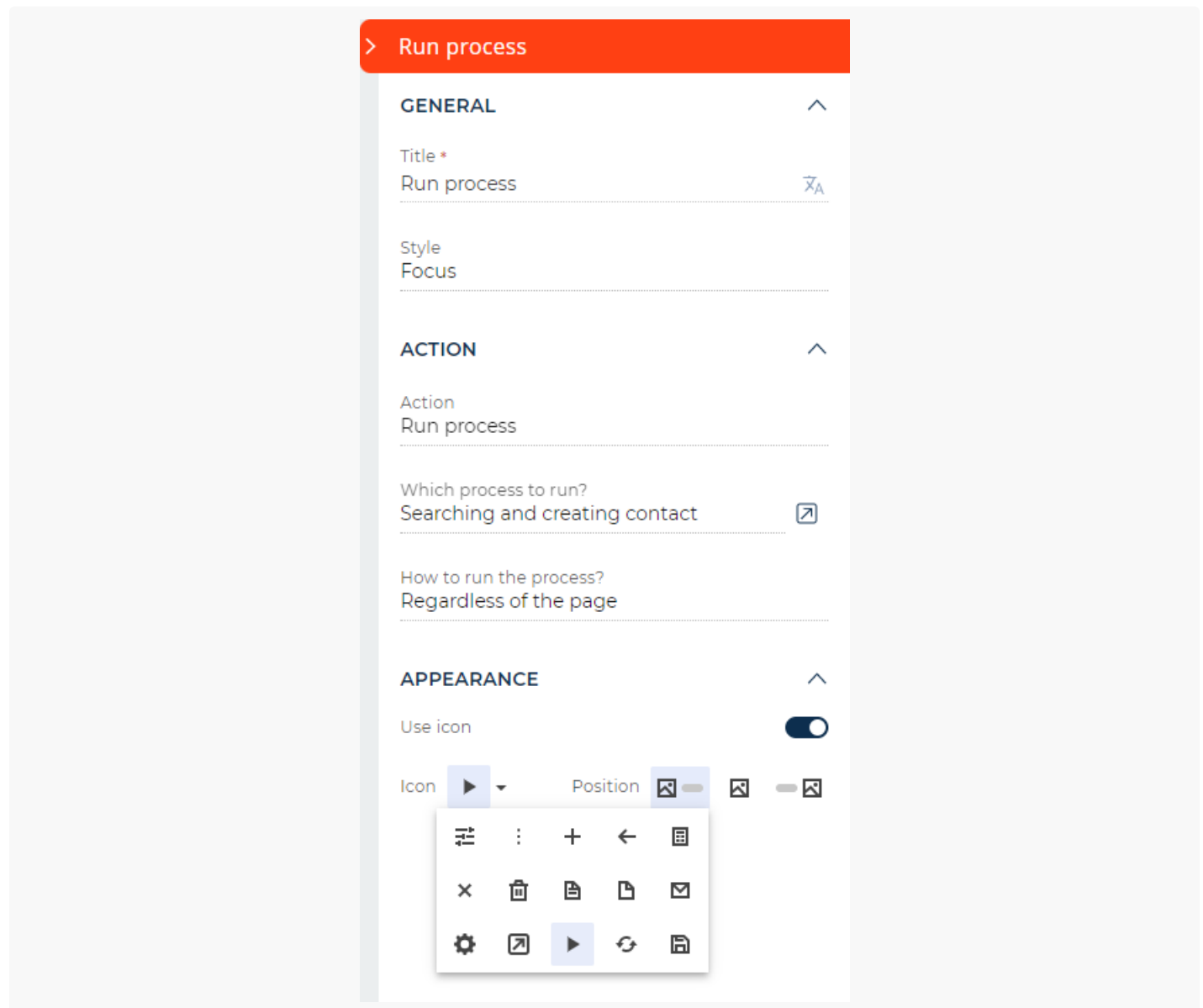
If the selected process uses parameters, the [*How to run the process?*] field appears. To run the process for the selected page, select [*For the selected page*]. The [*Process parameter where the record is passed*] field appears. Specify the process parameter in which to pass the ID of the current record in the field.

Note. Track the process flow in the [*Process log*] section. Learn more in a separate article: [View process execution data](#).

5. Toggle a button icon and specify its position in the [*Use icon*] field. You can use the icon in addition to the

button caption or replace the caption with it.

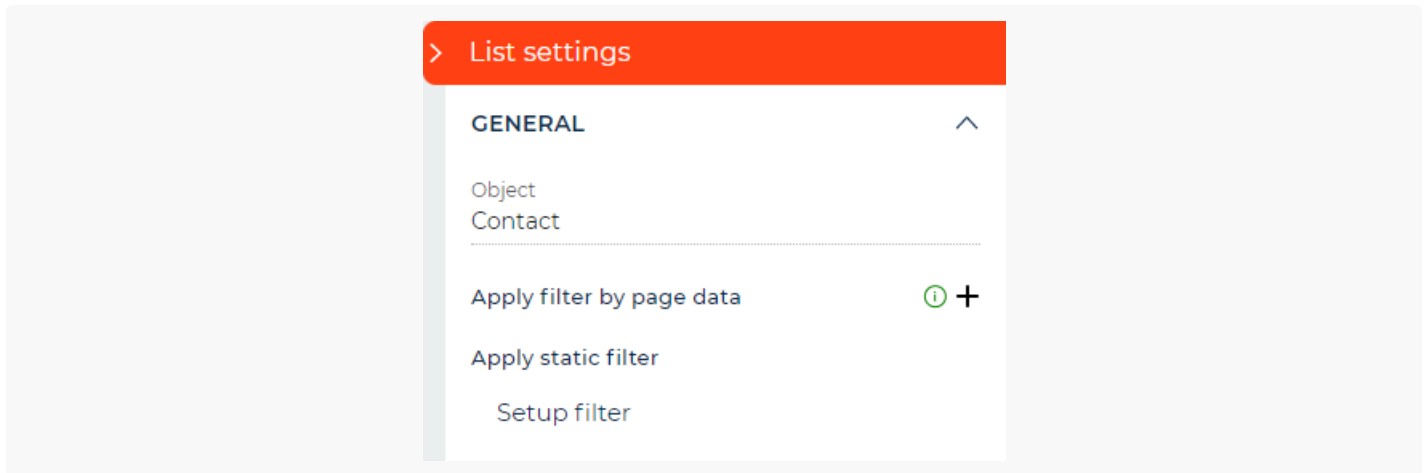
Fig. 7 Button setup area



List

Use the [*List*] component to add a list of the selected object's data based on pre-configured filters. Select the data object and specify the filtering parameters in the element setup area (Fig. 8).

Fig. 8 List setup area



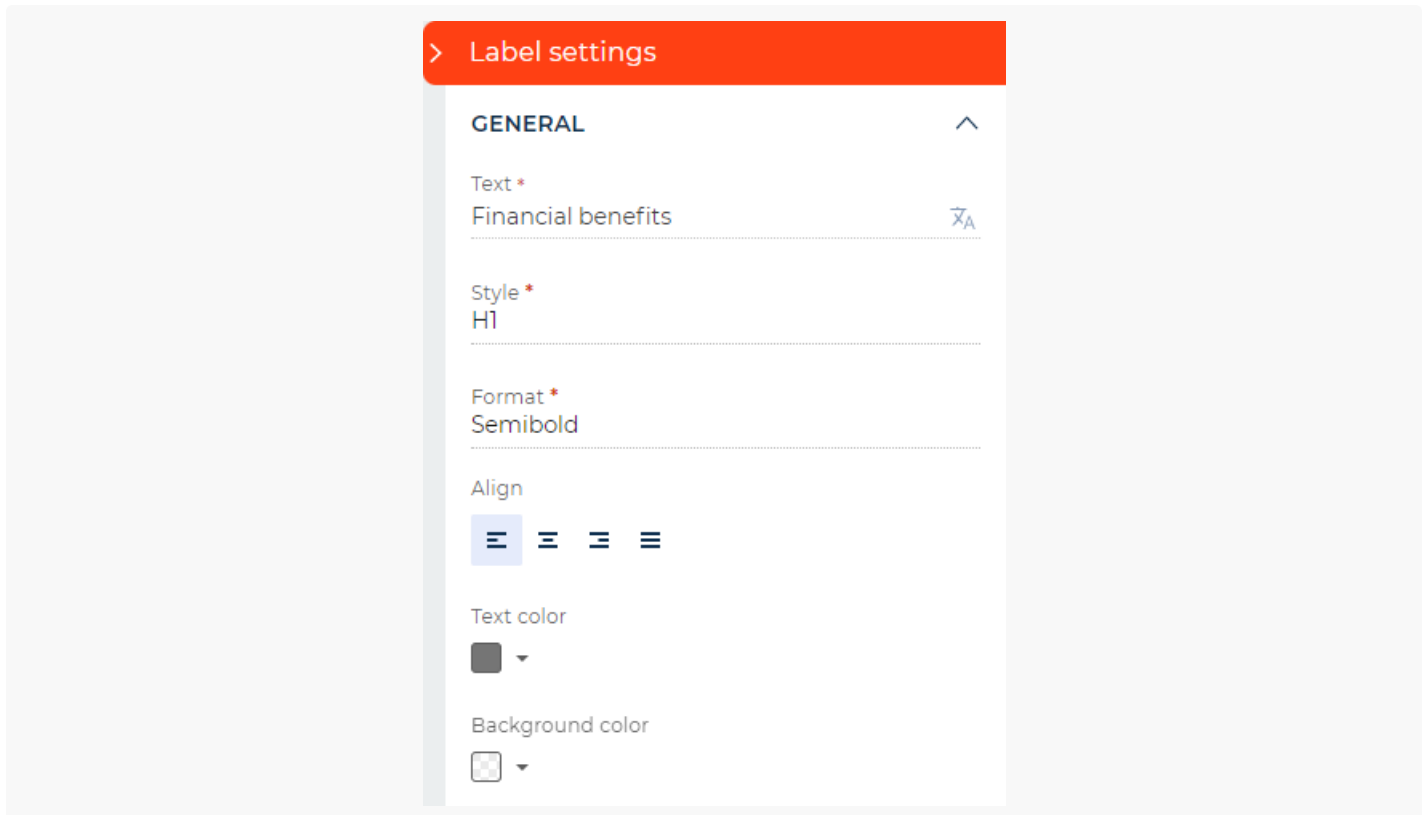
Label

Use the [*Label*] component to add arbitrary text to the page, as well as create individual headings for element groups.

Edit label text and alignment, font style and format, as well as select text and background color in the element setup area (Fig. 9):

1. Enter the label text to display on the app page in the [*Text*] field. The field is required.
2. Select the label style to display on the app page in the [*Style*] field. For example, "H1." The field is required.
3. Select the font format in the [*Format*] field. For example, "Semibold." The field is required.
4. Select the text alignment option in the [*Align*] field: left, center, right, justify.
5. Select the text color in the [*Text color*] field.
6. Select the label background color in the [*Background color*] field.

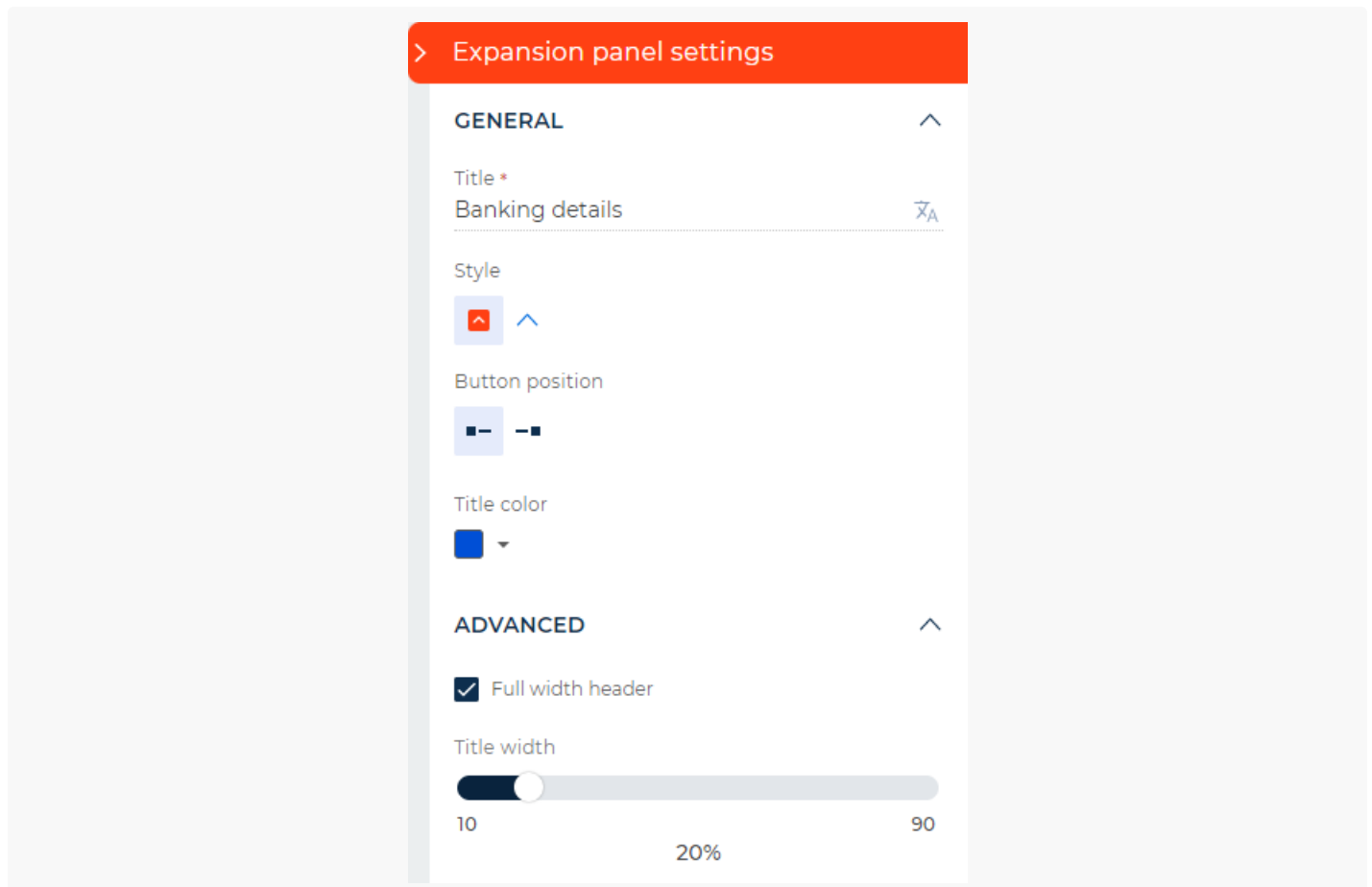
Fig. 9 Label setup area



Folders

Use the [*Folders*] component to configure the folder structure, thus segmenting records by the specified filters. To ensure the component operates as intended, link it in the setup area of the list or page data source. (Fig. 10).

Fig. 10 Folder setup area



Folder management menu

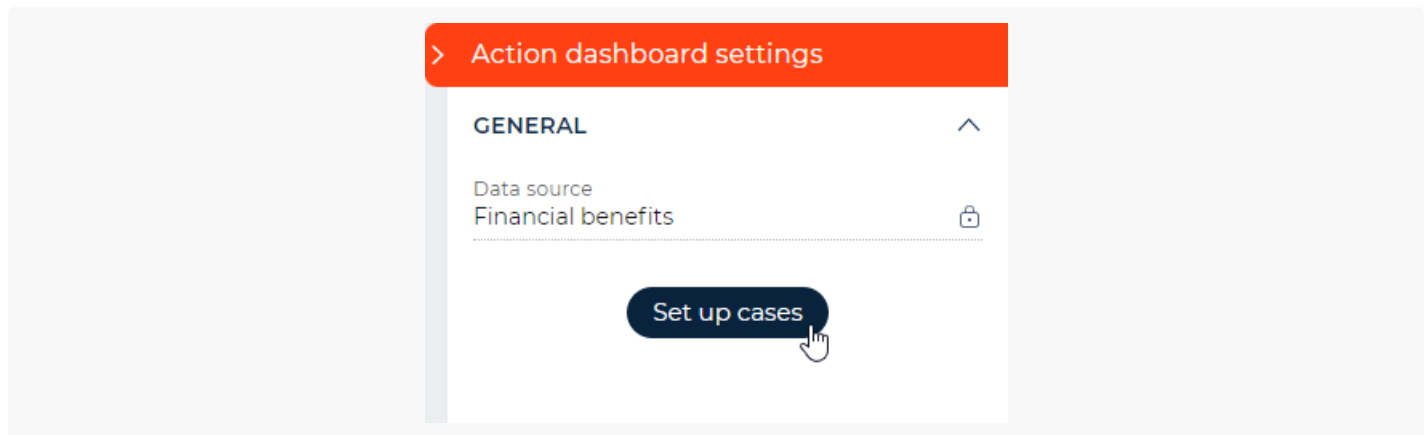
Use the [*Folder management menu*] component to manage the hierarchical folder structure on the page. If the page contains the [*Folders*] component without the management menu, the hierarchical structure is always displayed on the page.

Action dashboard

Use the [*Action dashboard*] component to open the setup of the dynamic case that organizes the workflow of the app.

If the data source in the element setup area is specified correctly, click the [*Set up cases*] button to open the Case Designer. Specify the case stages, as well as steps and tasks required to complete the case in the Designer. Learn more in a separate guide: [Case Designer workflows](#).

Fig. 11 Action dashboard setup area



Layout elements

Expansion panel

Use the [*Expansion panel*] layout element to add page elements grouped by certain criteria. You can use this element when you create a detail. To do this, add and set up the [*List*] component, and add list control buttons to the [*Folder*] element header.

Manage the expansion panel style in the setup area: color, fonts, etc. To do this, fill out the following parameters:



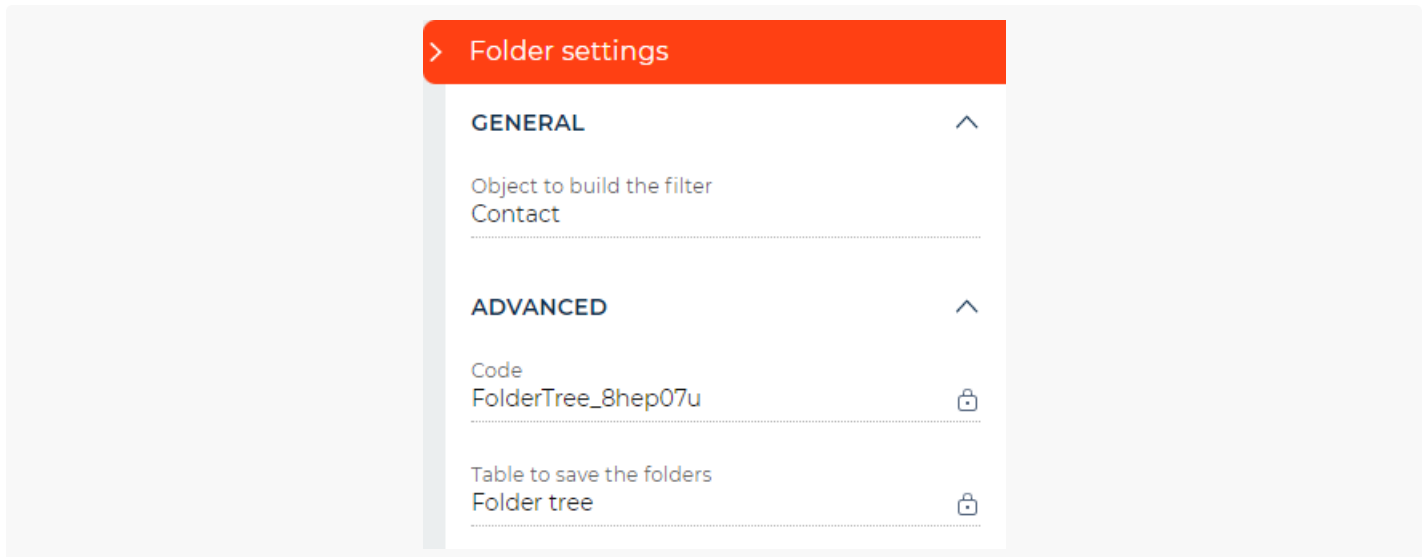
1. Specify the element title to display on the section page in the [*Title*] field. This is a required field.
2. Specify the style of the expansion panel title in the [*Style*] field:  or .
3. Select whether to display the button that expands/collapses the element to the left or the right of the title in the [*Button position*] field.
4. Select the color of the expansion panel title in the [*Title color*] field.
5. Select the [*Full width header*] checkbox to make the title and other elements in the expansion panel header (e. g., buttons) fill its horizontal space.
6. Specify the width of the header title as a percentage relative to the expansion panel header in the [*Title width*] field (Fig. 12).

Fig. 12 The setup area of the expansion panel



You can attach any elements available in the Freedom UI Designer to the expansion panel and its header. To do this, drag an element to the area with the expansion panel title.

Tabs

Use the [*Tabs*] layout element to add a tab area to the page. The area lets you display content in several thematic or structural groups.

The element lets you structure individual information blocks on the page by placing them on different tabs. That way, you can publish more required information without overcrowding the page.

You can reorder tabs and attach any elements available in the Freedom UI Designer to tabs, including other tabs. To do this, drag the tab to the needed position.

To add a new tab, click **+** in the top right of the tab area.

To delete a tab, click **🗑** to the right of its title.

To edit the tab name, double-click the current title and enter a new title. Press Enter to apply the changes.

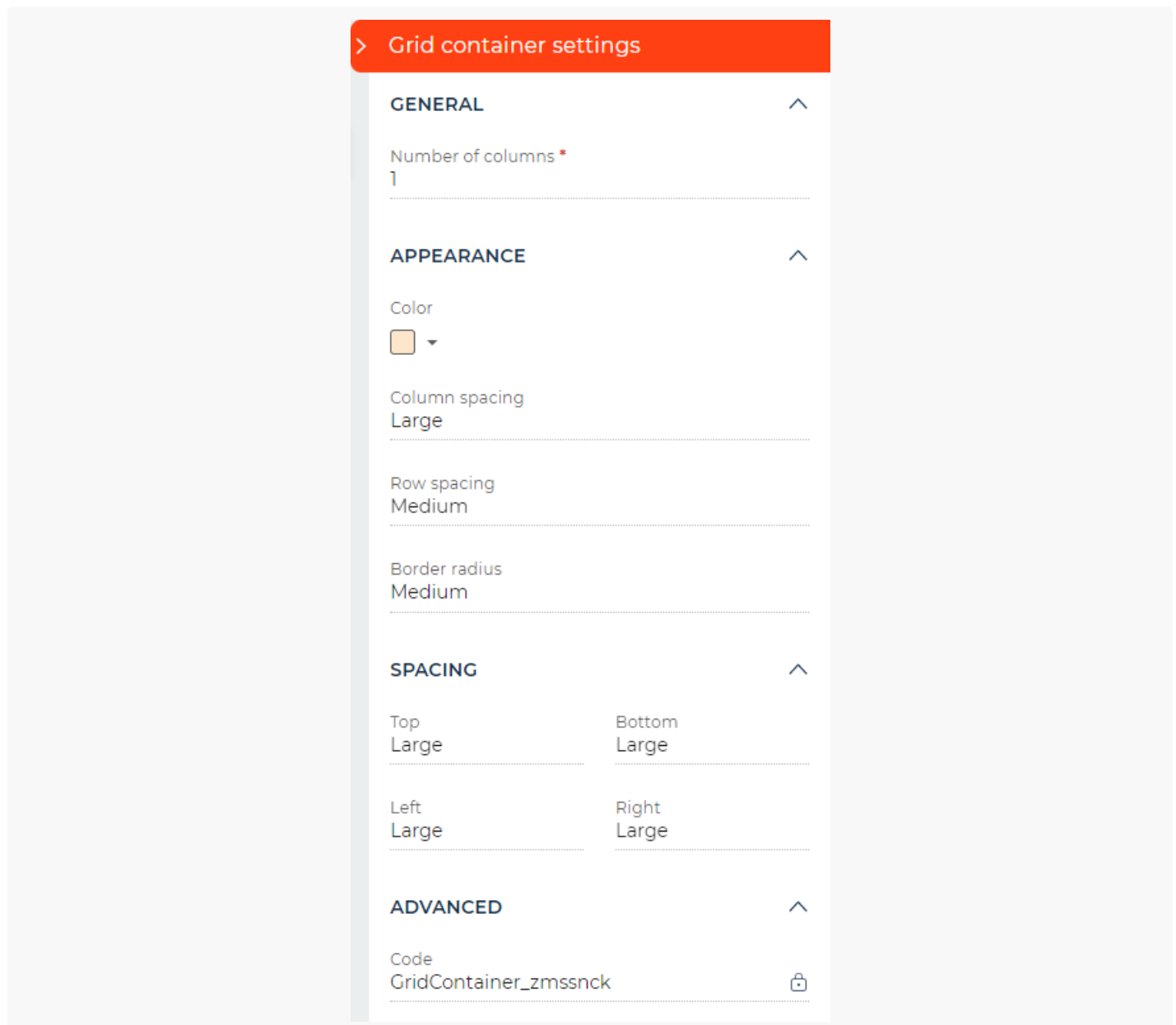
Area

[*Area*] layout element is a container that has a layout. Use the element to add page blocks that group any combination of other elements. For example, fields, charts, buttons, and other areas. Areas let you divide the page visually into multiple sections. An area can contain various content elements.

Set the area display parameters in the setup area:

1. Specify into how many columns to divide the block in the [*Number of columns*] field.
2. Specify the color of the page area in the [*Color*] field.
3. Select the distance between columns in the [*Column spacing*] field.
4. Select the distance between rows in the [*Row spacing*] field.
5. Specify the radii of area corners in the [*Border radius*] field.
6. Set the internal margins in the [*Spacing*] group.

Fig. 13 Area element setup area



Note. The [*Code*] field in the [*Advanced*] group displays the unique element code in the page schema. The code is generated automatically when you add the element to the canvas and is non-editable.

Columns

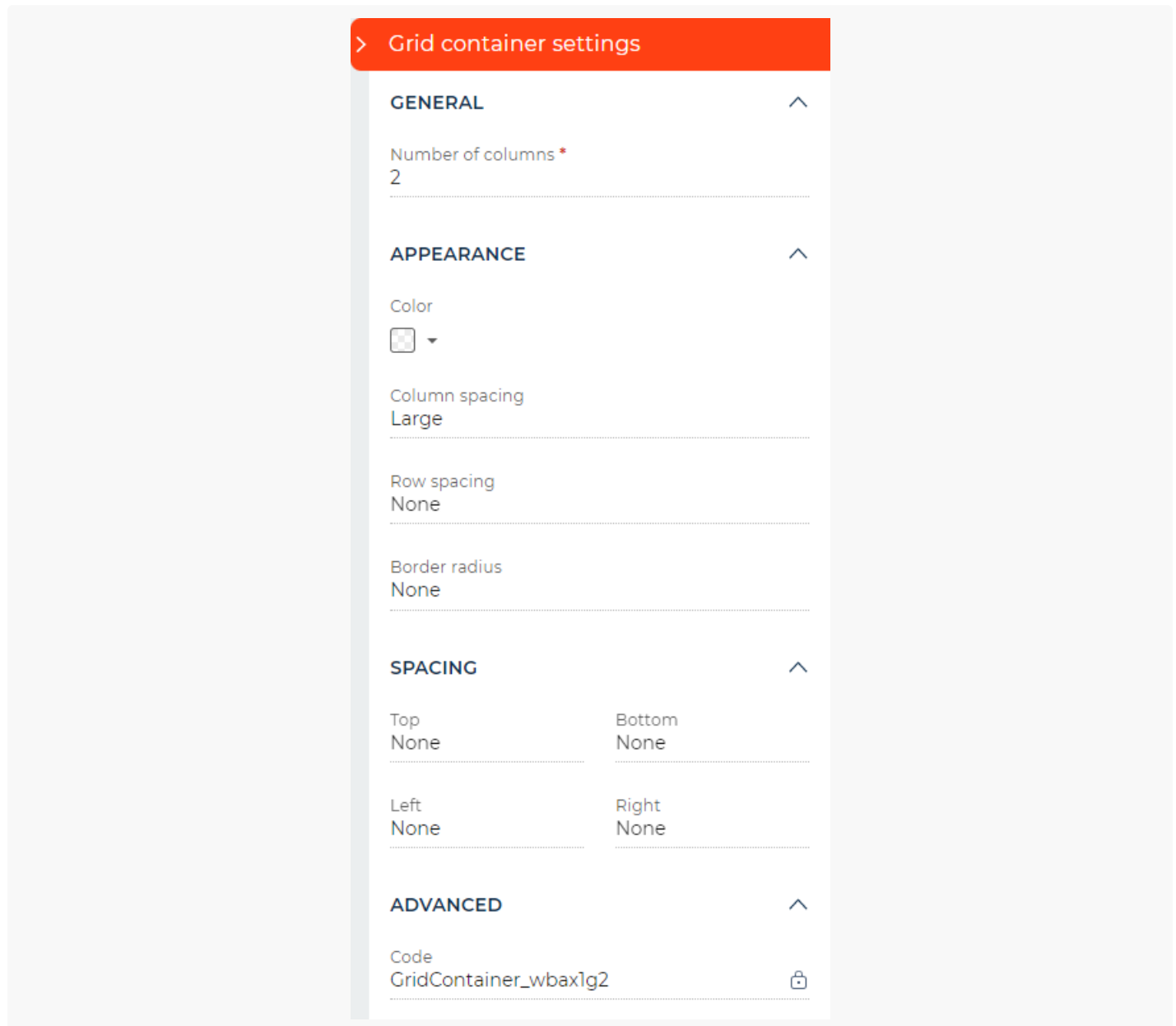
[*Columns*] (grid) layout element lets you change layout parameters for areas, expansion panels, or tabs flexibly. By default, the section can include up to four columns that have set spacing. You can change these settings in the element properties.

Columns can arrange page content vertically. If the design requires it, you can use a different number of columns in different page areas.

Set the column display parameters in the setup area (Fig. 14):

1. Specify into how many columns to divide the block in the [*Number of columns*] field. The setting determines the number of columns to place other elements.
2. Specify the background color in the [*Color*] field.
3. Select the distance between columns in the [*Column spacing*] field.
4. Select the distance between rows in the [*Row spacing*] field.
5. Specify the sharpness of column corners in the [*Border radius*] field.
6. Set the internal margins in the [*Spacing*] group.

Fig. 14 Column setup area



Flex container

Use flex containers to group elements in a certain direction without binding the elements to a fixed layout. For example, flex containers are a convenient option for button placement.

The UI designer includes the following flex container types:

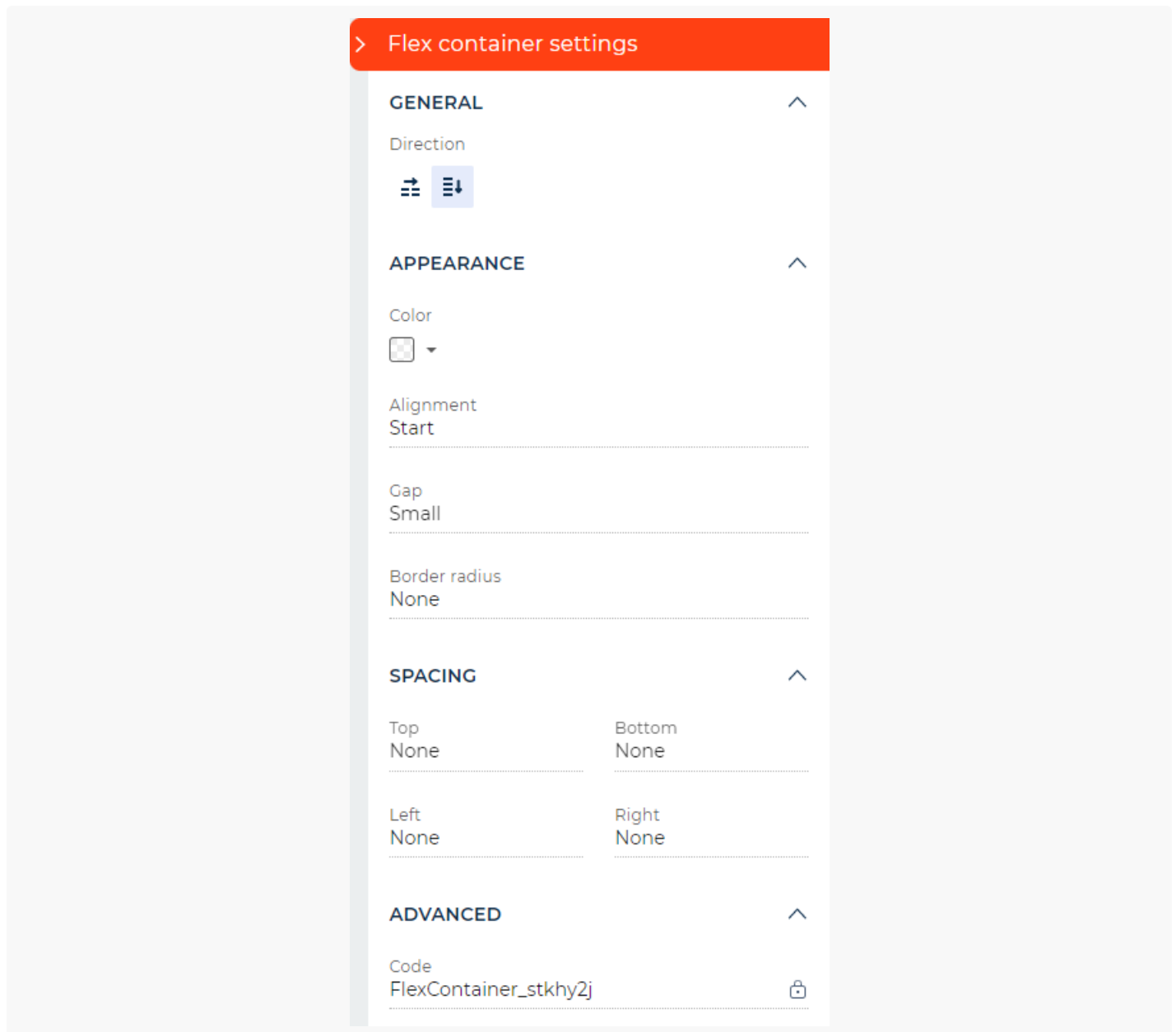
- **Flex row.** Lets you place elements horizontally. For example, buttons.
- **Flex column.** Lets you place as many elements as needed vertically.

To transform a flex row into a flex column and vice versa, click the corresponding buttons in the [*Direction*] block of the setup area.

You can also set other row or column display parameters in the setup area (Fig. 15):

1. Select the background color of the element in the [*Color*] field.
2. Select the alignment type of the element in the [*Alignment*] field.
3. Select the distance between elements in the [*Gap*] field.
4. Specify the radii of element corners in the [*Border radius*] field.
5. Specify the internal margins in the [*Spacing*] group.

Fig. 15 The flex container setup area



Note. The [*Code*] field in the [*Advanced*] group displays the unique element code in the page schema. The code is generated automatically when you add the element to the canvas and is non-editable.