

Configuring Form Elements

The screenshot shows the 'Attributes' panel for a 'Text' form element. The 'Properties' section includes fields for Name (cust_last_name), Description (Enter text), Label (Last Name), Mandatory (unchecked), Read-only (unchecked), Text (Enter text), Placeholder (Enter text), Regular Expression (Enter text), Validation Note (Your input is invalid), Max length (0), Vertical Alignment (Top), CSS Class (Enter text), and Custom Attributes (Enter text). A note at the bottom indicates the symbol type is a 'Text Box'.

On this Page:

- Defining Preset Values
 - Text Box and Text Area
 - Text
 - Placeholder
 - Max. Length
 - Validation Note
 - Select Field and Radio Button Group
 - Date Picker

The screenshot shows the 'Attributes' panel for a form element. The 'Properties' section includes fields for Name (JanesFirstForm), Number of Columns (One), and Include in Library Export (unchecked). A note at the bottom indicates the symbol type is a 'Text Box'.

The form itself also has its own attributes that you can customize here.

The screenshot shows the 'Attributes' panel with annotations. An orange arrow points from the 'Name' field (cust_last_name) in the panel to the 'Last Name' field in the form editor. Another orange arrow points from the 'Label' field (Last Name) in the panel to the placeholder text 'Last Name' in the form editor. The form editor displays fields for 'Last Name' (placeholder: 'Last Name is a placeholder text') and 'First Name'.

Note on Field Naming

All form elements have the attribute:

- Name : This

is a technical identifier that is not shown to the user. During modeling in the form editor, it is displayed on the top right of each element

• **D e s c r i p t i o n :** Use this field to enter descriptive text for the element in a text editor. This is helpful for documenting purpose.

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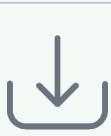
- **G**rouping: Instead of the label at tribe, the grouping element has the field **Header**. The content of this field will be displayed in th

executed for the headader for the groupings section. You can also hide it by disableing at tribute **S h o w H e a d e r**. **S u b f o**

r m:
The subform does not contain a field to display a name, because instead of these subform elements the associated signed form is shown.

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Simple_Form_Example



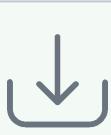
Click the icon to download a simple example model that shows how you can **configure form elements** in **Scheer PAS Designer**.

Defining Preset Values

For some form elements you can preset values:

- Text Box
- Text Area
- Select Field
- Radio Button Group
- Date Picker

Form_Default_Value_Example



Click the icon to download a simple example model that shows how you can **set default values dynamically** on **form elements** in **Scheer PAS Designer**.

Text Box and Text Area

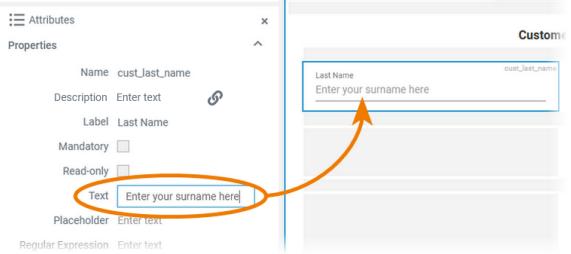
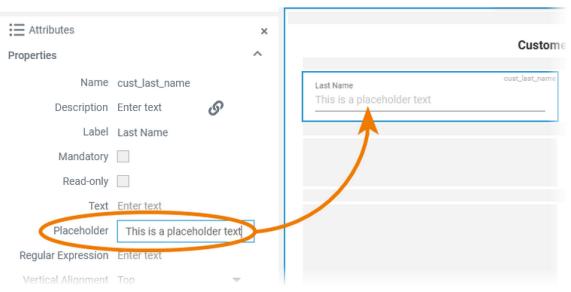
The screenshot shows the Scheer PAS Designer interface. On the left, the 'Assets' tab is selected in the top navigation bar. Below it, the 'Properties' panel is open for a 'Text' type element named 'cust_last_name'. Key configuration settings shown include:

- Name:** cust_last_name
- Description:** Enter text
- Label:** Last Name
- Mandatory:**
- Read-only:**
- Text:** Enter text (highlighted with a red box)
- Placeholder:** This is a placeholder text (highlighted with a red box)
- Regular Expression:** Enter text
- Validation Note:** Your input is invalid
- Max length:** 0 (highlighted with a red box)
- Vertical Alignment:** Top

On the right, the 'Customer' form is displayed with a text input field labeled 'Last Name' containing the placeholder text 'This is a placeholder text'.

The elements Text Box and Text Area contain the following attributes:

- Text
- Placeholder
- Max. Length

 <p>Text</p> <p>Content added to attribute Text is shown in the element. If the user does not change the content of the field during form execution, the content of Text will be saved to the database.</p>
 <p>Placeholder</p> <p>The content of this attribute is displayed in the element when attribute Text has not been filled. The placeholder is a sample value, it is not saved to the database. When a user overwrites the placeholder, it disappears and the user's input is saved to attribute Text.</p>



If content is added to both attributes **Text** and **Placeholder**, the content of **Text** is displayed in the element.

The screenshot shows the 'Properties' panel for a 'Text Box' element. The 'Name' is set to 'cust_last_name'. Under the 'Validation Note' section, there is a note: 'Your input is invalid'. The 'Max. Length' field is highlighted with a red box and contains the value '1'. A small circular icon with a question mark is visible next to the input field.

Max. Length

The attribute **Max. Length** allows you to limit the number of characters that can be entered into the input field.

The default value is **0**.

If the value is empty or 0, the length of the text that can be entered into the input field has no limit.

For the element **Text Box** the attribute **Validation Note** is additionally available:

The screenshot shows the 'Properties' panel for a 'Text Box' element named 'cust_last_name'. The 'Validation Note' field is highlighted with a red box and contains the text 'Your input is invalid'. The 'Max. Length' field is set to 0.

Validation Note

If a regex is set, the validation for an input field is executed when a button is pressed and the form is submitted. If the validation fails, an error message is displayed beside the input field. The attribute **Validation Note** allows you to enter a text that will be displayed as error message in case of a failed validation.

Select Field and Radio Button Group

The screenshot shows the ServiceNow interface for creating a new form element. On the left, the 'Assets' tab is selected in the top navigation bar. In the center, a new form element is being created with the name 'form_color_selection'. The properties pane on the left lists various attributes: Name (form_color_selection), Description (Enter text), Label (Choose a color), Mandatory (unchecked), Read-only (unchecked), and Options (0 options). The 'Options' field is highlighted with an orange border. On the right, the form builder interface shows a 'Customer' section with a dropdown field labeled 'Choose a color' and a radio button group below it with one option selected.

The elements **Select Field** and **Radio Button Group** contain the attribute:
● **Options**



The configuration of the options for a selected field and a radio button on group works in the same way.

Field Configuration		
Value	Label	Default
1	Blue	<input type="radio"/>
2	Black	<input checked="" type="radio"/>
3	Red	<input type="radio"/>

Add Save Cancel

If you click the icon  the Field Configuration editor opens. Enter a value and a label for each element option.

Select the radio button in the Default column to preset this value as default in the element.

Example:
The second value Black is preset as default value in the element.

Date Picker

Attributes

Name	customer_birthday
Description	Enter text
Label	Birthday
Mandatory	<input type="checkbox"/>
Read-only	<input type="checkbox"/>
Options	3 options
Vertical Alignment	Top

Properties

Default Date: 
 Date Format: DD.MM.YYYY
 Use Current Date:

Customer

Birthday 

The element Date Picker contains the three attributes:

- Default Date
- Date Format
- Use Current Date

Attributes

Name: cust_birthday

Description: Enter text

Label: Birthday

Mandatory:

Read-only:

Default Date: Enter date and time 

Date Format: DD.MM.YYYY

Use Current Date:

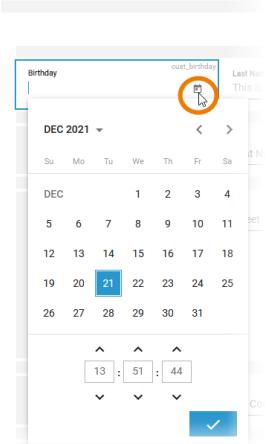
Vertical Alignment: Top

CSS Class: Enter text

Custom Attributes: Enter text

+ Add Stereotype

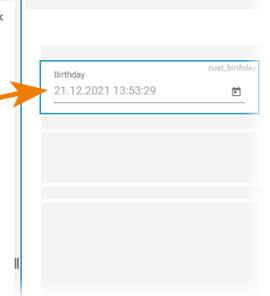
Symbol Type: Date Picker



By default the date picker field is empty. You have two options to preset a date:

- Use the calendar icon in the element  or in the Attributes pane .

The date you have chosen will then be displayed in the form field.



- To preset the field with the current date and time, enable the checkbox **Use Current Date**.

Attributes

Properties

Name: cust_birthday

Description: Enter text

Label: Birthday

Mandatory:

Read-only:

Default Date: 21.12.2021 13:53:29 

Date Format: DD.MM.YYYY 

Use Current Date: MM/DD/YYYY

Vertical Alignment: YYYY.MM.DD

CSS Class: Enter text

Birthday cust_birthday
21.12.2021 13:53:29 

Use the **Date Format** field to define the format, in which the date shall be displayed.

You can choose between three different date formats:

- **DD.
MM.
YYYY**
- **MM.
DD.
YYYY**
- **YYY
Y.
MM.
DD**