


Lane

| | |
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| Element |  |
| Description | Use the lane element to design role-based processes. Assign one or multiple roles to a lane element and model all the steps that the assigned role(s) has/have to perform within that lane. |
| Attributes | <ul style="list-style-type: none">• Name• Description• Roles• Symbol Type |
| Execution | None. |
| Editing and Styling | <ul style="list-style-type: none">• Refer to Working with the BPMN Editor for further information regarding editing of BPMN elements using the different context menus on the diagram pane.• Refer to Styling BPMN Elements for further information regarding styling possibilities for BPMN elements, for example how to change the background color, the font style and size etc. |

On this Page:

- [Notes on Lane Handling](#)
- [How to Use the Role Editor](#)
 - [Adding an Existing Role](#)
 - [Creating a New Role](#)

Idea_Management_Example



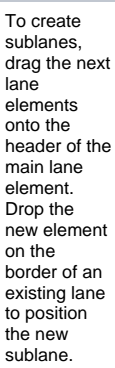
Click the icon to download a simple example model that shows what you can do with **Lanes** and **Forms** in **Scheer PAS Designer**. It also contains a configured **instance list** and shows the usage of **trigger events**.

Related Pages:

- [Modeling BPMN](#)
 - [Adding BPMN Elements](#)
 - [Role-based Authorization Concept](#)

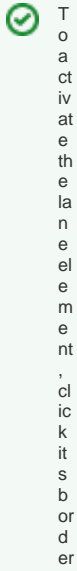
Notes on Lane Handling

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|  | <p>For a role-based process model, you need at least one main lane.</p> <p>You can then add sublanes.</p> |
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To create a sublane within a sublane, you can drag the element onto the body of an existing lane.

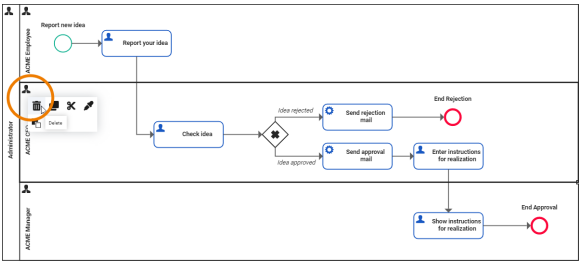
☒ Click the image to see an animation.



or icon/header. If the element is active, an indicator at or is displayed in the lower right corner and the border of the element is thicker.



Before Deletion:



After Deletion:

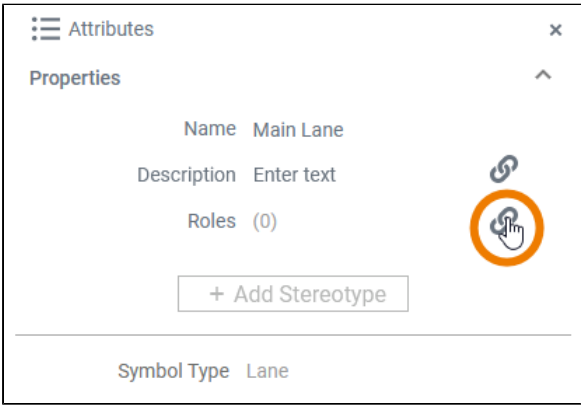





Deletion Behavior of Lane Elements

If you delete a lane element, it is erased from your work area including all content! However, you can

| | |
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| | <div>Users restore the deleted icon by using Undo in the BPMN toolbar.</div> |
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How to Use the Role Editor

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|---|---|
|  | <p>When you click option  in the attributes panel, a separate editor will open where you can assign existing roles and create new ones.</p> |
|  | <p>In the role editor, you have two options:</p> <ul style="list-style-type: none">• You can add an already existing role.• You can create a new role. <div> Information</div> |

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Adding an Existing Role

Role Editor

Role

acme

acme_ceo

acme_employee

acme_employee_deprecated

acme_facility

acme_manager

acme_test

Right

☐ Write

☒ Read

☐ List

Add

New Role

Save

Cancel

When you open the role editor, it already contains an empty line.

Start typing the name of the role you are searching for in field **Role**. The field has an autocomplete function: As soon as you start inserting, a drop-down list is displayed containing all available roles that match your input.

Select the role you want to use.

Role Editor

Role

acme_manager

Right

☒ Write

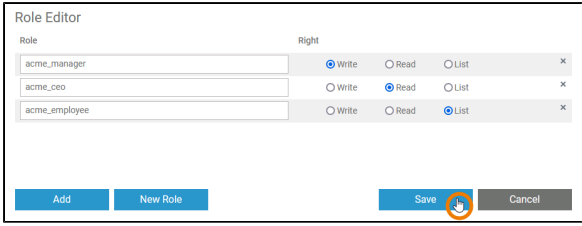
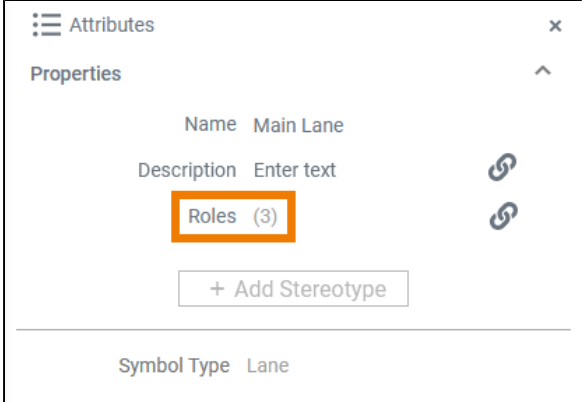
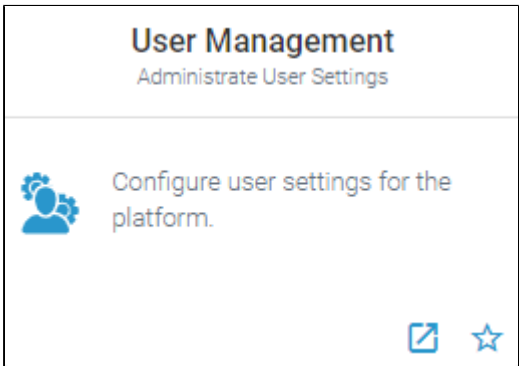
☐ Read

☐ List



In the next step you need to assign the rights that will be granted to the role owner.

Available options are:

| Right | Description |
|--------------|---|
| Write | A user assigned to this role will be able to see and change the instance data for all process steps in the current lane. |
| Read | A user assigned to this role will be able to display the instance data for all process steps in the current lane. This right is assigned by default . |
| List | A user assigned to this role will only be able to see the instances in the instance table for all process steps in the current lane. |

| | |
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|  | <p>You can continue to add further roles (or create new ones, see below) as multiple roles can be assigned to one lane.</p> <p>When you have finished, save your changes to apply them to the lane.</p> |
|  | <p>The number of roles assigned to a lane is displayed in the attributes panel.</p> |
|  | <p>You have to open the user management, to assign the new role to users.</p> <div data-bbox="976 909 1187 1136"> <p>✓ Refer to Administration Guide > Managing Roles for further information about role management.</p> </div> |

Creating a New Role

| | |
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|  | <p>Click New Role to create a new role and assign it to the lane element.</p> |
|  | <p>Enter the name of the new role in the pop-up window.</p> <p>The input is mandatory.</p> |

| <div><h3>New Role</h3><div>acme_manager</div><div>Role name is already in use</div><div><div>Save</div><div>Cancel</div></div></div> | <p>If the role name is already in use, you will not be able to save.</p> <p>Use the existing role instead (see Adding an Existing Role below).</p> | | | | | | | | |
|--|---|-------|-------------|--------------|--|-------------|---|-------------|--|
| <div><h3>New Role</h3><div>acme_marketing</div><div><div>Save</div><div>Cancel</div></div></div> | <p>Save to create the role.</p> | | | | | | | | |
| <div><h3>Role Editor</h3><div><div>Role</div><div>acme_marketing</div><div>Right</div><div><div><input type="radio"/> Write</div><div><input checked="" type="radio"/> Read</div><div><input type="radio"/> List</div></div><div><div>Add</div><div>New Role</div><div>Save</div><div>Cancel</div></div></div></div> | <p>The new role is now added to the role editor and assigned to the current lane.</p> | | | | | | | | |
| <div><h3>Role Editor</h3><div><div>Role</div><div>acme_marketing</div><div>Right</div><div><div><input type="radio"/> Write</div><div><input type="radio"/> Read</div><div><input checked="" type="radio"/> List</div></div></div></div> | <p>In the next step you need to assign the rights that will be granted to the role owner.</p> <p>Available options are:</p> <table><thead><tr><th>Right</th><th>Description</th></tr></thead><tbody><tr><td>Write</td><td>A user assigned to this role will be able to see and change the instance data for all process steps saved in the current lane.</td></tr><tr><td>Read</td><td>A user assigned to this role will be able to display the instance data for all process steps saved in the current lane. This right is assigned by default.</td></tr><tr><td>List</td><td>A user assigned to this role will only be able to see the instances in the instance table for all process steps saved in the current lane.</td></tr></tbody></table> | Right | Description | Write | A user assigned to this role will be able to see and change the instance data for all process steps saved in the current lane. | Read | A user assigned to this role will be able to display the instance data for all process steps saved in the current lane. This right is assigned by default . | List | A user assigned to this role will only be able to see the instances in the instance table for all process steps saved in the current lane. |
| Right | Description | | | | | | | | |
| Write | A user assigned to this role will be able to see and change the instance data for all process steps saved in the current lane. | | | | | | | | |
| Read | A user assigned to this role will be able to display the instance data for all process steps saved in the current lane. This right is assigned by default . | | | | | | | | |
| List | A user assigned to this role will only be able to see the instances in the instance table for all process steps saved in the current lane. | | | | | | | | |

Role Editor

Role

Right

| | | | | |
|----------------|-----------------------------|---------------------------------------|---------------------------------------|---|
| acme_marketing | <input type="radio"/> Write | <input type="radio"/> Read | <input checked="" type="radio"/> List | x |
| acme_ceo | <input type="radio"/> Write | <input checked="" type="radio"/> Read | <input type="radio"/> List | x |
| acme_manager | <input type="radio"/> Write | <input checked="" type="radio"/> Read | <input type="radio"/> List | x |

Add

New Role

Save

Cancel

You can continue to create further roles (or add already existing ones, see below) as multiple roles can be assigned to one lane.

When you have finished, save your changes to apply them to the lane.

Attributes

Properties

Name

Main Lane

Description

Enter text

Roles (3)

+ Add Stereotype

Symbol Type

Lane

The number of roles assigned to a lane is displayed in the attributes panel.

Scheer IPAS

Jane Marple
ACME Corp.

Show Roles

acme_ma (2)

#

Name

Activated

| | | |
|---|----------------|-----|
| 1 | acme_manager | Yes |
| 2 | acme_marketing | Yes |

Users

Profiles


Roles

Add Role

Permissions

The new role has also been added to the user management.

You have to open the user management, to assign the new role to users.


 Refer to [Administration Guide > Managing Roles](#) for further information about role management.