

Tutorial 5 Testing With Roles

✚ Controls ✔ Test environment ready ✕

✔ ↺ 📄 **☰** ⋮

Y Scheer | PAS Designer_Tutorial1_david.stringer

Applications

↳ Order_approval_1

+

→ Start_Order_Approval_Process

In the **Co ntrols** pa nel you should see the message: **Test environm ent ready**.

Click icon **Open applicati on** **☰** to access the test service.

The **Appli cations** start page is displayed. It lists all available processes in this service.

Hover over the name of your service to display the quick start icons.

Click icon **+** to display the list of available start events for the process. You want to create a new instance, so click **St art_Order _Approva l_Process**.

On this Page:

- [Role Test 1: Write and List Permission](#)
- [Role Test 2: Write and Read Permission](#)
- [Roles Test 3: Write Permissions for all Steps](#)
- [Checking the Deployed Service](#)

Related Documentation:

- [Scheer PAS | Designer Guide](#)
 - [Running Designer Applications](#)
 - [PAS Designer Administration](#)

Role Test 1: Write and List Permission

ACME Order Form

Vendor ID *

12368

Vendor Name

Thea Test

Item

Marker pen

Quantity

500

Price

1.25

OK



Now create some test instances **but do not finish them** (see below).

WScheer IPAS Order_approval_1

DesignerTutorial4Step3

Order_approval_1

The order has been approved and
filed to the ERP system.

OK

If your order value is within the limit, do not click **OK** in the third form.

Open the menu on top left and click the name of your process to go back to the instance overview.

Processing ...

Task Check_order is currently being processed.



Back to Overview



If your order value exceeds the limit, you are currently not allowed to execute process step **Check order**.

Click **Back to Overview** to display the instance overview.



Reminder

If you have finished tutorial 4, the new order limit is **500**.

2 All 2 pas_tutorial_employee

Instances

Ordered Quantity	Ordered Item	Vendor Name	Current Task
5	PEN-2	Theo Test	Show_approval_message
500	TON-1	Thea Test	Check_order

2

Create at least two different instances:

- One instance should fit the order value limit.
- One instance should exceed the order value limit.



Reminder

If you have finished tutorial 4, the new order limit is **500**.

Processing ..

Task Check_order is currently being processed.



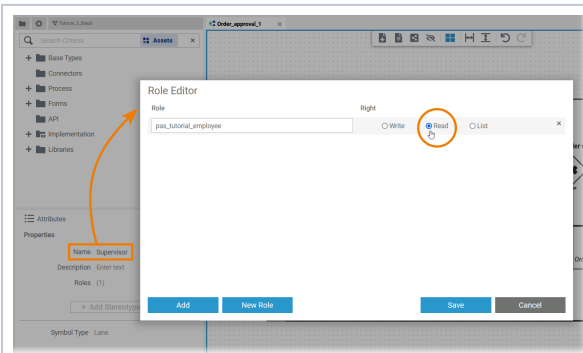
[Back to Overview](#)

Now open both instances and check their behavior:

Current Task	Role Right of <code>pas_tutorial_employee</code> for this Step	Instance Behavior
Show_approval_message	Write	<ul style="list-style-type: none">You are able to open the instance.You can process the instance (you can click button OK in the form).
Check_order	List	<ul style="list-style-type: none">You are not able to open the instance. The Processing... message is displayed. It indicates:

			<ul style="list-style-type: none">◦ that the instance is currently processed in task Check_order.◦ that you do not have the permission to execute this task.
--	--	--	--

Role Test 2: Write and Read Permission



Switch back to your process and change the role right of lane **Supervisor** to **Read**.

Save the change and open the application again.

1 All 1 pas_tutorial_employee

Instances

Ordered Quantity	Ordered Item	Vendor Name	Current Task
500	TON-1	This Test	Check_order

1

Until now, your user did not have permission to perform the approval step. Therefore the instance that exceeds the order limit (created in test 1) is still available.

2 All 2 pas_tutorial_employee

Instances

Ordered Quantity	Ordered Item	Vendor Name	Current Task
500	TON-1	This Test	Check_order
2	PEN-2	Cris Checker	Show_approval_message

2

Create one new test instance that fits the order value limit.

All1 pas_tutorial_employee

Instances

Ordered Quantity	Ordered Item	Vendor Name	Current Task
500	TON-1	Thea Test	Check_order

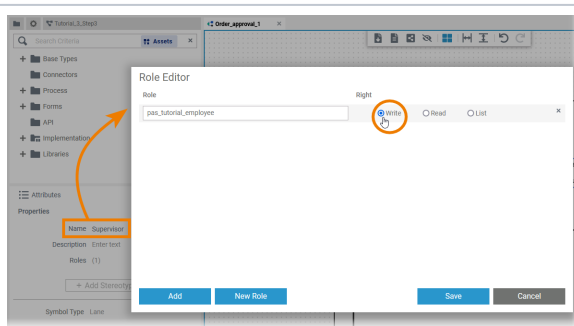
1

You are not allowed to execute this operation.

Now open both instances and check their behavior:

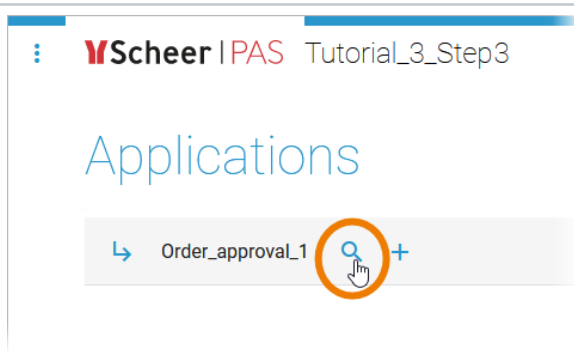
Current Task	Role Right of pas_tutorial_employee for this Step	Instance Behavior
show_approval_message	Write	<ul style="list-style-type: none">You are able to open the instance.You can process the instance (you can click button OK in the form).
Check_order	Read	<ul style="list-style-type: none">You are able to open the instance.You cannot process the instance: If you click any button in the form, you are transferred to the instance list and a toast message is displayed: You are not allowed to execute this operation (see screenshot).


Roles Test 3: Write Permissions for all Steps



Switch back to your process and change the role right of lane Supervisor to **Write**.

Save the change and open the application again.



Use icon  to open the instance overview directly.

Ordered Quantity	Ordered Item	Vendor Name	Current Task
500	TON-1	Theia Test	Check_order

Since your user did not have permission to perform the approval step so far, your test instance is still displayed in the instance list.

<div> <h1>Check Order</h1> <div> <p>Ordered Item</p> <p>TON-1</p> </div> <div> <p>Order Value</p> <p>1049.5</p> </div> <p>The order value exceeds the limit. Do you still want to approve the order?</p> <div> <p>Approve</p> <p>Reject</p> </div> </div>	<p>Open the remaining instance and check its behavior:</p> <ul style="list-style-type: none"> You are able to open the instance. You can process the instance (you can click one of the two buttons in the form).
<div> <p> Y-Scheer IPAS Order_approvaL1</p> <p>Order limit exceeded. The order has been rejected.</p> <p>OK</p> </div>	<p>If you have confirmed or rejected, the form of the next process step is displayed.</p>

Checking the Deployed Service

If you have followed all tutorials step by step, you can review the differences between a test service and a deployed service. So far, you have deployed the service only once in tutorial 4. The roles were implemented in tutorial 5. The deployed service should not yet reflect the implementation of the roles.

<div> <h1>Deployment Controls</h1> <div> <div> <p>Deploy Service</p> </div> <div> <p>Administration</p> </div> <div> <p>Open Test API</p> </div> <div> <p>Open Application</p> </div> </div> </div>	<p>Open the deployed service.</p>
---	-----------------------------------

Applications

Order_approval_1



Start_Order_Approval_Process

Start the service to create a new instance.

Scheer IPAS Order_approval_1

Vendor ID *

Vendor Name

Item

Quantity

Price

OK

You still see the order form created in tutorial 1 - without the label element created in tutorial 4.

Check Order

Ordered Item

PEN-2

Order Value

3980

The order value exceeds the limit. Do you still want to approve the order?

Approve

Reject

And no matter what role permissions you store in the test service, you will always be able to execute the **Form_CheckOrder**.



Congratulations - you have done it!
You have modeled your first role-based process and tested it.