CUSTOMER

Documentation SAP Solution Manager Document Version: 1.02 – 2016-01-12

# Solution Documentation - Graphical Process Editor

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# Editing Process Diagrams with the Graphical Process Editor

The Solution Documentation provides a graphical representation for all business processes in your business process model. For the processing of the graphical representation, an integrated graphical process editor, based on the *Business Process Model and Notation* (BPMN), is used.

A BPMN process model has the following advantages:

- it concentrates on the process logic
- it reveals the order of activities in which they are performed
- it shows when activities happen
- it depicts under what conditions activities happen

For more information about BPMN, see http://www.bpmn.org.

# Features

The graphical process editor in Solution Documentation comes with the following functions:

- modeling elements are not only integrated with SAP Solution Manager, they are also managed by SAP Solution Manager
- process diagrams follow BPMN specification
- process diagrams provide control flow centric views on processes
- process diagrams "by Role" are designed to explain process flow
- process diagrams "by System" designed for Business Process Monitoring

Thus, process diagrams are now part of the single source of truth.

In this document, you learn step by step and in detail how to use the graphical process editor.

# **Diagram Behavior**

In this section, you learn about the creation, deletion, renaming of diagrams. Proceed as follows: Log on to your system. Enter the solution administration Select a solution. Select a branch. From the Solution Documentation tab click Open.

# Creation of a Business Process Diagram

#### Select Solution > Business Processes > Scenario > Process



Go to the section "Elements of Process" and right-click > New > Diagrams > Process Diagram

		New >	Configuration Developments	
Elements of Process		Hide Quick Help	Diagrams >	Process Diagram
Group	Name	More Field Help	Documentation 3	
		Technical Help	End User Roles	
		Delete input history for user C5168279	Executables Operations Operations	
		Create Support Message (CSS Internal Message)	Test Gases	

# Horizontal, By System

* Title:	Horizontal-by System
Description:	Edit Text
Туре:	Process Diagram
- Responsibil	ities
Responsible:	ď
	gram Data
Process Dia	gram Data
Process Dia     * Diagram Type:	By System V
<ul> <li>Process Dia</li> </ul>	

Save the diagram. The diagram is added to section "Elements of Process".

Elements of Process +			
Group	Name	Туре	
Diagrams	Horizontal-by System	Process Diagram	

Click the diagram to open and select all process steps in the list. The diagram will be displayed.

Process	Process Step 4 Process Step 5	Process Step 6
Proc	Process Step 1 Process Step 2	Process Step 3

Results:

- Diagram is successfully added to the section "Elements of Process".
- Diagram display-orientation is Horizontal.
- Diagram lanes are Logical Components.
- All selected process steps are displayed in the diagram

#### Vertical, By System

	Proc	ess Diagram 18	
	* Title:	Vertical-by System	
	Description:	Edit Text	
	Type:	Process Diagram	
•	Responsibil	ities	
	Responsible:		đ
•	Process Dia		
•	Process Dia *Diagram Type:	By System	
•	Process Dia		□ ~ ~
•	Process Dia *Diagram Type:	By System	·

Save the diagram. The diagram is added to section "Elements of Process".

Name	Туре	
Vertical-by System	Process Diagram	

Click the diagram to open and select all process steps in the list. The diagram will be displayed.

Process	
SAP Solidan 7.3 (Dec.) - FAT_SM 300 Process Step 4	Ministenance Production
Process Direc 5	Process Days 2
Process Step 6	Process Zoop 1

Results:

- Diagram is successfully added to the section "Elements of Process".

- Diagram display-orientation is Vertical.
- Diagram lanes are Logical Components.
- All selected process steps are displayed in the diagram.

#### Horizontal, By Role

	Proc	ess Diagram 18	
		and Bragham re	
	* Title:	Horizontal-by Role	
	Description:	Edit Text	
	Type:	Process Diagram	
•	Responsibil	ities	
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	Responsible:		
•	Process Dia	gram Data	
•		gram Data	~
•	Process Dia		
•	Process Dia *Diagram Type:	By Role	

Save the diagram. The diagram is added to section "Elements of Process".

Group	Name	Туре	
Diagrams	Horizontal-by Role	Process Diagram	

Click the diagram to open and select all process steps in the list. The diagram will be displayed.



#### Results:

- Diagram is successfully added to the section "Elements of Process".
- Diagram display-orientation is Horizontal.
- Diagram lanes are Roles.
- All selected process steps are displayed in the diagram.

#### Vertical, By Role

	Proc	ess Diagram 18
	* Title:	Vertical-by Role
	Description:	Edit Text
	Туре:	Process Diagram
•	Responsibil	ities
	12 0.04	
	Responsible:	
•	Responsible: Process Dia	gram Data
•		gram Data
•	Process Dia	
•	Process Dia *Diagram Type:	By Role 🗸

Save the diagram. The diagram is added to section "Elements of Process".

	Elements of Process +		
Ē	Group	Name	Туре
	Diagrams	Vertical-by Role	Process Diagram

Click the diagram to open and select all process steps in the list. The diagram will be displayed.

Interviewer	Candidate
Process Step 1	Process Step 4
Process Step 2	Process Step 5
Process Step 3	Process Step 6

Results:

- Diagram is successfully added to the section "Elements of Process".
- Diagram display-orientation is Vertical.
- Diagram lanes are Roles.
- All selected process steps are displayed in the diagram.

#### Horizontal By System- Detached Mode

Pro	cess Diagram
* Title:	Horizontal-by System- DM
Description:	Edit Text
Type:	Process Diagram
Responsibili	
responsible.	
Process Dia	gram Data
	gram Data By System ~
Process Dia	-
Process Dia *Diagram Type:	By System 🗸

Save the diagram. The diagram is added to section "Elements of Process".

Elements of Horizontal-by System- DM		
Group	Name	Туре
Diagrams	Horizontal-by System- DM	Process Diagram

Click the diagram to open and select all process steps in the list. The diagram will be displayed.

Logical component l	Start Event Process Step 1
	Process Step 2 Process Step 3
Logical component 2	

### Vertical By System- Detached Mode

	68 🔛
Vertica	al-by System- DM
* Title:	Vertical-by System- DM
Description:	EditText
Туре:	Process Diagram
Responsibili	ities
Responsible:	
Process Dia	gram Data
Process Dia     * Diagram Type:	gram Data By System
and the second se	-
* Diagram Type:	By System

Save the diagram. The diagram is added to section "Elements of Process".

	Elements of Process 2 +		
Ē	Group	Name	Туре
	Diagrams	Vertical-by System- DM	Process Diagram

Click the diagram to open and select all process steps in the list. The diagram will be displayed.



### Horizontal By Role- Detached Mode

		68
	Pro	cess Diagram
	* Title:	Horizontal-by Role- DM
	Description:	Edit Text
	Type:	Process Diagram
<ul> <li>Responsibi</li> </ul>		ties
	Responsible:	D
	Nesponsible.	
•	Process Dia	gram Data
•		gram Data By Role  v
•	Process Dia	-
•	Process Dia	By Role 👻

Save the diagram. The diagram is added to section "Elements of Process".

	Elements of Horizontal-by Role- DM		
5	Group	Name	Туре
	Diagrams	Horizontal-by Role- DM	Process Diagram

Click the diagram to open and select all process steps in the list. The diagram will be displayed.



### Vertical By Role- Detached Mode

		6-3 🗙
Pro	cess Diagram	
* Title:	Vertical-by System- DM	
Description:	Edit Text	
Type:	Process Diagram	
<ul> <li>Responsibili</li> </ul>	Responsibilities	
Responsible:		D
Process Diagonal	gram Data	
*Diagram Type:	By Role	~
Orientation:	Vertical	~
Onentation.		
Detached Lanes:	$\checkmark$	

Save the diagram. The diagram is added to section "Elements of Process".

	Elements of Vertical-by System- DM		
5	Group	Name	Туре
	Diagrams	Vertical-by System- DM	Process Diagram

Click the diagram to open and select all process steps in the list. The diagram will be displayed.

	Process	
	Participant 0	
$\bigcirc$		
Start Event		

# Interface Diagram

#### Select Libraries > Interface Library > Composite Interface

Business Processes	Process Step Library	Composite Interface <orig.></orig.>	E Step 2
Libraries	Interface Library	Interface <orig.></orig.>	
	Executable Library		
	Development Library		
	Configuration Library		
	Alerting Library		
	Analytics Library		

Go to the section "Elements of Composite Interface" and right-click > New > Diagrams> Process Diagram

	Elements of Composite Interface <orig.></orig.>					
ē	Group	Name	Туре			
		📑 New	>	Documenta	tion >	1
				Interface Dia	agrams 🔉	Interface Diagram
		Hide Quick Help		Process Lin	ks >	
		More Field Help				
		Technical Help				
		Delete input history for user C5168279				
		Create Support Message (CSS Internal Messa	ge)	]		

You can use the Process Diagram Data section to create the following diagrams:

- Horizontal
- Vertical
- Horizontal with Detached lanes.
- Vertical with Detached lanes.

	Inte	rface Diagram
•	* Title: Description: Type: <b>Responsib</b>	Interface Diagram Edit Text Interface Diagram ilities
	Responsible:	Ē
◙	Process Di	agram Data
	Orientation: Detached Lanes:	<b>↓</b>

When the diagram is created is is displayed in the tab at the bottom.

Business Processes	Process Step Library	Composite Interface
🛅 Libraries	Interface Library	Composite Interface 2
	<ul> <li>Executable Library</li> <li>Development Library</li> <li>Configuration Library</li> <li>Alerting Library</li> </ul>	Interface     Interface 2
K		
Elements of Composite Interface		
Group	Name	Туре
Interface Diagrams	Interface Diagram	Interface Diagram

# Application Toolbar

In this section, you learn how to use the application toolbar. Proceed as follows: Log on to your system Enter the solution administration Select a solution. Select a branch. From the Solution Documentation tab click Open. Open your diagram.

# Display/Edit



By default the diagram opens in edit mode. The Display button is enabled.

Click the Display button. The Display button switches to Edit.

isappears and	the diagram	can not be	- modifier	1		
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ck Remove Unde	o Redo Export	as Global \	/iew Close			
La tari		Freedow				
on Edit.	-					
ve Back	Remove	Undo	Redo	Export as	Global View	Close
on switches to	Display.					
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	on Edit. ve Back	Image: Section Sect	Image: state of the	Image: Second secon	Image: Sector of the sector of th	Image: Sector of the sector of th

### The diagram is editable and the palette is displayed.

Display	Save	Back			Undo	Redo	Print	Global View	Close
				sAP SolMan 7.2 (Dev.)	Process Step 4		Process Step	5	
	72%		Process	uction	Process Step 2	)			
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$\cap$									

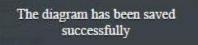
#### Save

Display Save Back Remove Undo Redo Export as Global View C
--

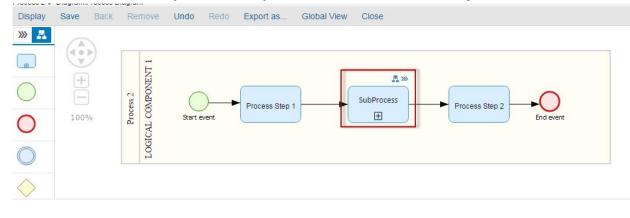
# Add an object to the diagram.

Cad Process	s Step 4	Process Step 5	
Maurtenance Production SAP SolMan 72. (Dev.)	s Step 2	Purchage Order	

Click on Save to save the diagram. The following message is displayed.

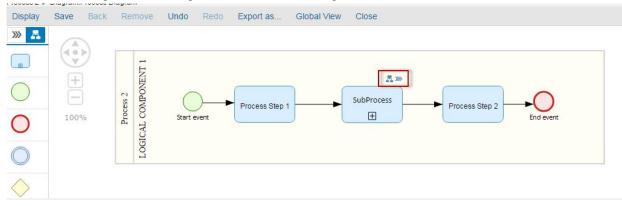


# Back



You can use this function if you have an object with reference to another diagram.

Click on the navigation icon to go to the referenced diagram.



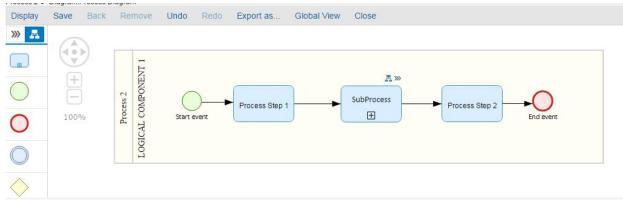
#### The referenced diagram is open.

Edit Save	Back Remove Undo Redo Export as Global View Close	
	Process 2	
97%	Participant 0 Process Step 1 Process Step 2	

#### Click on the back button.

Edit	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
		1	•				Process 2	
97%			Start Event			Process Step 1	Participant	0 Process Step 2

#### The previous diagram is open.



#### Remove

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
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If no object is selected in the diagram the button Remove is disabled.

Select an object in the diagram.

The button Remove is enabled.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close	
» 🖁			7						
		2					Process Step 1		Process Step 2
	+		Logical component I						
		sess	Process						
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			Process			-			
			Process	Step 5	da		Process St	lep 6	
8			Logica				<u>(</u>		

Click on the button Remove. The object is removed from the diagram. The button Remove is disabled.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close	
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	( • )		111110				Process Step 1		Process Step 2
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	79%	Proc	Process	Step 1					
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# Undo



Select an object in the diagram.

Display	Save B	ack	Remove Undo	Redo Export as	. Global View Clo	se
	+	***	Logical component 1		Process Step 1	Process Step 2
	79%	Process	Process Step 1 Process Step 5 Process Step 5 Process Step 5	eth	Process Step 6	
3			Logica			

Move the object in the diagram.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close	
» A	+	Process	Logical component 1 buocess	: Step 1		dilh	Process Step 1	)	Process Step 2
			Logical component 3	i Step 5			Process S	tep 6	

Click on the button Undo.

The object will go back to its initial location.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
>>> 🚠			ent 1					Process Step 2
	+		Logical component 1				Process Step 1	
		Process	Process	s Step 1				
			Process		54			
			Process	s Step 5	1	alh	Process S	Step 6
8			Log					

# Redo



Select an object in the diagram.

Display	Save	Back	Remove Undo	Redo Export as	Global View	Close
	+ - 79%	boess	T trestrotuco resident		Process Step 1	Process Step 2
			Process Step 5	cih	Process Ste	ap 6
8			Logic			

Move the object in the diagram.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close	
	+ 79%	ocess	Logical component 1 buo	s Step 1		dalh	Process Step 1	)	Process Step 2
			Logical component 3	s Step 5			Process S	tep 6	

Click on the button Undo.

The object will go back to its initial location.

Display	Save Bac	k Rem	nove Undo R	do Print	Global View	Close
-			Dev.)			
			Process Step	•	Process Step 5	
	+	10	SAP SolMan			
	90%					
			Process Step		Purchase order	
8			Process Step		i orciase of der	
$\cap$		æ	Ma			

Click the button Redo.

The object will go back to the previous second location.

Display	Save B	ack	Remove Undo	Redo	Export as	Global View	Close
	+ - 79%	Process	Process Step 1			Process Step 1	Process Step 2
			Process Step 5			Process S	tep 8
8			Logical				

# Export as

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
---------	------	------	--------	------	------	-----------	-------------	-------

Use the Export as button to export a diagram to PDF or BPMN.



Diagram is imported to PDF or BPMN.



Use the button to center-display the diagram.

Zoom the diagram.

			5						
Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close	
» 🗸	6								Γ
		▶)							
	(+								
-	10%		Chan 1						
	Ph	bcess	Step 1						
						$\frown$			
0									

### Click on the button Global View. The diagram is displayed entirely.

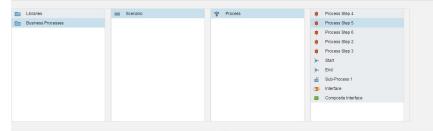
Display	Save Ba	ack	Remove U	Jndo Redo	Export as	Global View	Close	
» 🔒								
			tent 1			Process Step		Process Step 2
Ĩ	+		Logical component 1			Flobess Step	<u>'</u>	
		is a	Logical					
	80%	Process	Process	Step 1				
			Process			(		
			Process	Step 5	ds1h	Proces	s Step 6	
8			Logica					

# Close

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
---------	------	------	--------	------	------	-----------	-------------	-------

#### While a diagram is open, click on the button Close.

The diagram is closed and the Solution Documentation UI is displayed.



# Palette Toolbar

In this section, you learn how to use the palette toolbar.

Proceed as follows:

Log on to your system.

Enter the solution administration

Select a solution. Select a branch. From the Solution Documentation tab click Open.

Select Solution > Business Processes > Scenario > Process:



Go to the section "Elements of Process" and right-click > New > Diagrams > Process Diagram

		New >	Configuration Developments	
Elements of Process		Hide Quick Help	Diagrams	Process Diagram
Group	Name	More Field Help	Documentation	
		Technical Help	End User Roles	
		International International Contractory of the	Executables	>
		Delete input history for user C5168279	Operations	>
			Test Cases	>
		Create Support Message (CSS Internal Message)		

# **Business Process Diagram**

#### Lanes

The user cannot create new Lanes.

are disabled.

Add a lane into the diagram

The Add and Modify buttons

Click on a Lane from the list.

Display	Save Back Remove Ur	ndo Redo	Export as	Global View	Close			
»» 🔒	Available Lanes							
	+ /							0
	Logical component 1	+	Process					
	Logical component 2	100%	đ					
	Logical component 3							
8	N/A							

Click inside the diagram to insert the lane.

	Singiania reverse bingiani i										
Display	Save Back Remove Un	ido Redo	Ex	ort as	Global View	CI	ose				
»» 🔒	Available Lanes										
	+ /										0
	Search for Q	(+)		at 1							
	Logical component 2	Ξ	Process	mpone							
	Logical component 3	100%	Pro	Logical component							
	N/A			1	1						
8											

The lane is added the diagram.

The lane is removed from the list of available lanes.

#### REMOVE A LANE FROM THE DIAGRAM

001000		i the dia	grann						
Display	Save Back	Remove	Undo Redo	Export as	Global View	Close			
»» 🚠	Available	Lanes		ent 2				۵	
		+ /	(<)>)	compone					
	Search for	Q,	( <del>+</del> )	ogical co					
	N/A			1				•	
			72%	Process of compone		20		•(	T
				P) ogical o		7			
				eest 3 1		1	•	•	
				compor					
9				ogical co					
$\bigcirc$				1					

Select a lane from the diagram.

Click on the button link Remove.

Display	Save Back Remove U	ndo Redo E	Export as	Global View	Close		
»» 📇	Available Lanes		12				۲
	+ C		ical componen				
	N/A	+	l ment l			•	
		72%	ogical com				•0
			mponent 3 I			•••	•
8			Logical co				

The lane is removed from the diagram. The lane is added the list of available lanes.

Display	Save Back Remove Un	do Redo	Ð	xport as Global View Close	
»» 🛃	Available Lanes				0
	+ /			transcensor in the second s	
<b>&gt;</b>	Logical component 1	+	Process	nrafioy (; manodumo, prafio-	
	N/A	72%		2) 	
8					

Results:

- Lanes are added successfully into the diagram.
- Lanes are removed successfully from the diagram.
- Lanes are removed and not completed deleted from the system (the removed lane remains available in the list).

#### Free Lane

Create a new Free Lane

Click on the free lane icon.

Display	Save Back Remove Un	ndo Redo	Export as Global View	Close
»» 🗸	Available Free Lanes			
	+ / Search for Q			
	Free Lane 2	+		۵
	ee Lane	100%	Process 2	
			Pro	
8				
2				

A list of avaialabe free lanes will appear.

Click o	n 🕂 to create a	new free la	ane.					
Display	Save Back Remove Ur	ndo Redo Ex	port as Glob	al View	Close			
»» 📇	Available Free Lanes							
	+ /							
	Search for	<u>+</u>						0
(L)	Free Lane 2	_						
	Fee Lane	100%	Process 2					
			Prov					
8								
2								

The following popup appears.

Create Free Component		8
*Name		
	ок	Cancel

Enter a name and click on OK.

The new free lane is added to the list.

Display	Save Back Remove Ur	do Redo	Export as	Global View	v Close	
»» 🛔	Available Free Lanes					
	+ /					
	Search for Q	+			0	
L.)	testFL					
	Free Lane 2	100%	Process 2			
	Fee Lane		Pro			
8						
2						

# Add a free lane into the Diagram

Select a free lane from the list.

Display	Save Back Remove Un	ido Redo	Export as	Global View	Close
»» 📇	Available Free Lanes				
	+ /				
<u>;</u> ;	Search for Q	(+)	_		0
	testFL				
	Free Lane 2	100%	Process 2		
	Fee Lane		Pro		
2					

Click inside the diagram to insert the free lane.

Display	Save Back Remove U	ndo Redo Export as Global View Close	
» 🗸	Available Free Lanes		
	+ /		-
T	Search for Q		0
6.3	Free Lane 2		
	Fee Lane	132% Solution	
			1
2			

The free lane is added the diagram.

The free lane is removed from the list of available lanes.

Remove a free lane from the diagram

#### Select a free lane from the diagram.



The button Remove is Enabled. Click on the button Remove.

Display	Save Back Remove Un	do Redo	Export as Global View Close
»» 📠	Available Free Lanes		
	+ 👌		00-
	Search for Q	+	
	Free Lane 2		
	Fee Lane	132% June 132%	testFL
			•
8			
2			

#### The following popup appears.

Delete	e		C
Ŵ	Would you like to r object(s)?	emove or delet	e selected

Click Remove. The free lane is removed from the diagram and is added to the free lane list in the palette toolbar.

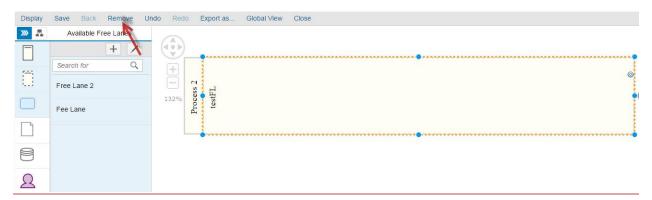
Display	Save Back Remove Un	do Redo Export as Global View Close
»» 🔒	Available Free Lanes	
	+ /	
	Search for Q	
	testFL	22
	Free Lane 2	132% SOL
	Fee Lane	
2		

#### Delete a free lane

### Select a free lane from the diagram.

Display	Save Back Remove Un	do Redo Export as Global View Close	
»» 📠	Available Free Lanes		
	+ /		
	Search for Q	$\overline{+}$	
	Free Lane 2		0
	Fee Lane	List Fire Sec. 2	
			-
8		X	
2			

The button Remove is Enabled. Click on the button Remove.



The following popup appears.

Delete	9		8
Ŵ	Would you like to r object(s)?	remove or delet	e selecte <mark>d</mark>
	Remove	Delete	Cancel

Click Delete. The free lane is deleted completely. The free lane is removed from the diagram and will not be displayed in the palette toolbar.

Display	Save Back Remove U	Jndo Redo	Export as.	Global View	Close				
» 🖁	Available Free Lanes								
<b></b> «	+ / Search for Q								٥
	Fee Lane		ss 2						
	Free Lane 2	10270	Process .						
			н						
8									
2									

Results:

- Free Lanes are created successfully from the palette toolbar.
- Free Lanes are added successfully into the diagram.
- Free Lanes are removed successfully from the diagram.
- Free lanes are deleted successfully.

#### Process steps

Add a new process step to the list

Create a new Process Step. Click on the Activity icon.

Display	Save Back Remove Ur	ndo Redo	Export as	Global View	Close		
»» 🔒	Available Activities						
	+ / Search for Q		at 1				
<b>)</b> »	Process Step 1	Ē	Process al component 1				
	Process Step 2	100%	Pro Logical co				
	Process Step 3						
8	Process Step 4						

A list of avaialabe activities will appear.

All process steps created from the Solution Documentation is available in the list.

Click or	Click on 🛄 to create a new process step.							
Display	Save Back Remove Un	ido Redo	Export as	Global View	Close			
» 🖁	Available Activities							
□ □ □	Search for Process Step 1 Process Step 2		Logical component 1					
	Process Step 3							
	Process Step 4							

### The popup Process Step is open.

Process Step	8
*Name	
*Logical Component	~
	OK Cancel

Enter a Name and a Logical Component and click on OK. The process step is created.

Display	Save Back Remove Ur	ndo Redo Expo	ort as	. Global View Close	
»» 📇	Available Activities				
	+ / Search for Q	+	_		0
	testPS	$\square$	cess	Logical component 1	
	Process Step4	100%	Process	ogical co	
	Process Step 2				
	Process Step 3				

# Add an existent Process Step

Click on to add another process step. From the Process Step window click on Advanced.

Process Step	G
*Logical Component	~
	Advanced
	OK Cancel

The popup New Process Step is open.

w Process Step				
earch in Process Step Library	Search in Executable Library	Enter Executable	New Process Step Original	
Logical Comp	Search:	ň	đ	
o search executed				
Name		Туре	Path	

OK Cancel

Use one of the available options to add new process steps.

#### Add a process step to the diagram

Select a process-step from the list.

Display	Save Back Remove Ur	ndo Redo	Export as Global View Close	
»» 📇	Available Activities			
	+ / Search for Q Process Step 0 Process Step 1	+	Process Logical component 1	١
	Process Step 2			_
8	Process Step 3			
2	Process Step 4			
	Process Step 5			

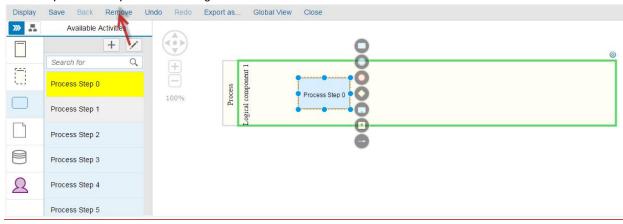
All the lanes where the process-step could be added will be highlighted in green. If no lanes are highlighted, the respective lane must be added before adding the process step.

Click inside the diagram to add the process-step.

Display	Save Back Remove U	ndo Redo	Export as Global View	Close
<b>&gt;&gt;&gt;</b>	Available Activities			
	+ / Search for Q Process Step 0 Process Step 1	+ - 100%	Process Logical component 1	Process Step 0
	Process Step 2		ů.	
8	Process Step 3			
2	Process Step 4			
	Process Step 5			

## Remove a process step from the diagram

#### Select a process step from the diagram.



The button Remove is highlighted. Click on the button Remove.

If the process step is not used in any other diagram, the following popup appears.

Delete					0
Ŵ	Would you I	ike <mark>to remove</mark> or	delete selected	l object(s)?	
		Remove	Delete	Cancel	ľ.

Click on Remove. The process step is removed from the diagram.

Display	Save Back Remove U	ndo Redo	Export as Global View Close		
»» 📇	Available Activities				
	+ 🖍		-		٥
	Process Step 0	+	Process Logical component 1		
	Process Step 1	100%	Pro Logical cc		
	Process Step 2				
8	Process Step 3				
2	Process Step 4				
	Process Step 5				
_				*	

If the process step is used in another diagram, the process step will be removed from the diagram and the message "*Process Step is used in another diagram(s) and cannot be deleted, it will be removed from the current diagram*" will be displayed.

Display	Save Back Remove Ur	ido Redo Export a	rt as Global View Close	
» 🔒	Available Activities			
	+ /			0
	Search for Q	+		1
	Process Step 1	Θ	Process	
	Process Step 2	100%	Process Logical component 1	0
	Process Step 3	•		
8	Process Step 4		Process Step 1 is used in another diagram(s) and can not be deleted, it will be removed from the current diagram	
2	Process Step 5			
	Process Step 6		N N	

Delete a process step from the diagram

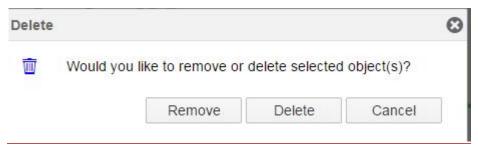
Process Step not used in another diagram.

Select a process step from the diagram.

Display	Save Back Remove U	Indo Redo	Export as Global View	Close	
» 🖁	Available Activities				
	Search for Q			0	0
	Process Step 0	+	Process Logical component 1	Process Step 0	
	Process Step 1	100%	Pro ogical co		
	Process Step 2				
8	Process Step 3				
2	Process Step 4				
	Process Step 5				

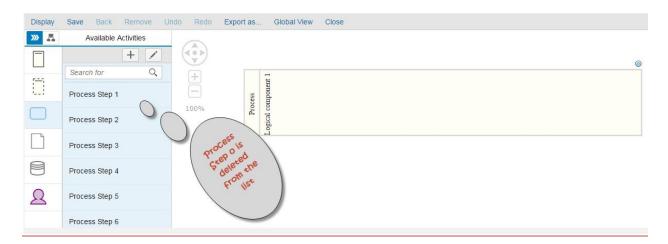
The button Remove is highlighted. Click on the button Remove.

The following popup appears.



Click on Delete. The process step is removed from the diagram.

The deleted Process Step does not exist in the Activity list.



Process Step used in other diagram

When removing a process step from a diagram, if the process step is used in another diagram the popup Remove/Delete will not be displayed.

The process step will be removed from the diagram and the message "*Process Step is used in another diagram(s) and cannot be deleted, it will be removed from the current diagram*" will be displayed.  $\rightarrow$  Process steps used in other diagrams cannot be deleted and only removed from the displayed diagram.

Display	Save Back Remove Un	ido Redo	Export as	Global View	Close							
»» 🛃	Available Activities											
	+ /										0	
5 <del>4</del> 5	Search for Q	+		at 1								
	Process Step 1	—	Process	npone								•
	Process Step 2	100%	Proc	Logical component 1								U
	Process Step 3			1			D 04 1			 		
8	Process Step 4					and be	Process Step 1 other diagram(s) deleted, it will from the curren	and can not be removed				
2	Process Step 5					-	iron ne curren					
	Process Step 6							N				

#### Results:

- Process steps are created successfully.
- Process steps are added successfully into the diagram.
- Process steps are removed successfully from the diagram but not deleted when clicking on the button Remove.
- Process steps are removed from the diagram and deleted completed from the system when clicking on the button Delete.

#### Data Object

Create a new Data Object

Click on the Data Object icon.

Display	Save Back Remove Un	do Redo Export as Global View Close	
»» 📇	Available Data Objects		
	+ / Search for Q		
		Process Logical component 1	

# A list of avaialabe data objects will appear.

Click on	+	to cre	eate a ne	w dat	a obje	ct.				
Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close		
»» 🛃	Ava	<mark>ilabl</mark> e Da	ta Objects							
	Search	h for	+ /		Ð					
()	Data C	bject 0				-				
				1	100%	mponent				
						r ocess Logical component 1				
2										

The popup Create Data Object is open.

Create Data Object		C
*Name		
	ОК	Cancel

Display Save Remove Undo Redo Back Export as. Global View Close »» 📇 Available Data Objects + < 0 b 1 Q Search for +testDO 100% cogical component Data Object Process 2 R

Enter a data object name and click OK. The data object is created and added to the list.

Add a Data Object into the diagram

Select a data object from the list.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close	
»» 🔒	Ava	ilable Da	ta Objects						
			+ /						
	Search	n for	Q		(+)				
	testDO				Ξ				0
		Z	<u></u>		100%	ment 1			
	Data C	bject 0				Process al compo			
						Process Logical component 1			
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0									
$\square$									

Click on the diagram to insert the data object.

Solution Documentation - Graphical Process Editor

Display	Save Back Remove U	ndo Redo	Export as G	ilobal View Close	
»» 🗸	Available Data Objects				
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	testDO	ē_	-		٥
	Data Object 0	100%	mponent		
		Process	Logical component 1	testDO	
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# Remove a Data Object from the diagram

Select a data object in the diagram.

Display	Save Back Remove U	ndo Redo	Export as	Global View Close	
»» 📇	Available Data Objects				
	+ /				
<u>5-15</u>	Search for Q	+			
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<b>»</b>	Data Object 0	100%	mponent		
		Drorece	Logical component 1	TtesD0	
				•	1
2					

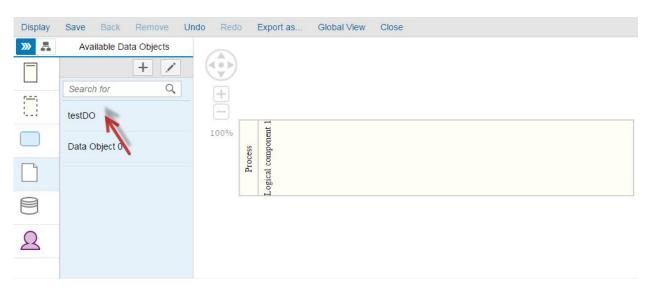
Click on the button Remove.

Display	Save Back Re	move Undo	Redo	Export as	Global View Close	
»» 📇	Available Data O	bjects				
	+ Search for	· 入 (				
		~	+			۵
_	testDO		100%	tit 1	0	Ŭ
<b>&gt;</b>	Data Object 0			mpone		
			Drocece	Logical component 1	testD0	
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2						

A popup appears.

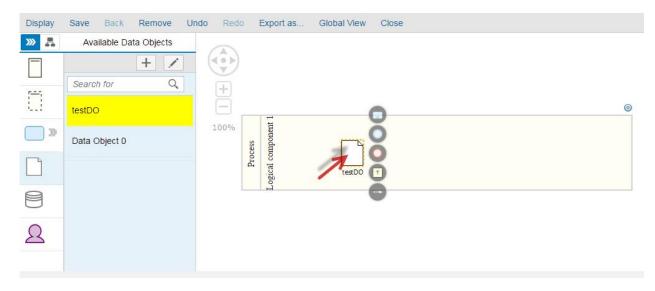
Delete	í.			C
Ŵ	Would you	<mark>like to remove or</mark>	delete selected	object(s)?
		Remove	Delete	Cancel

Click on Remove. The data object is removed from the diagram but remains available in the data object list.



## Delete a Data Object

Select a data object in the diagram.



Click on the button Remove.

Display	Save Back Remove Ur	ndo Redo	E	Export as	Global View Close	
»» 🔒	Available Data Objects					
	+ X Search for Q					
	testDO	+			0	۵
<b>&gt;</b>	Data Object 0	100%	Process	Logical component 1	<b>N</b>	
			Pro	ogical co	testD0	
				H	•	
2						

A popup appears.

elete	e
<b></b>	Would you like to remove or delete the selected
Ī	object(s)?

Click on Delete. The data object is deleted from the system (the data store is removed from the diagram and from the data objects list).



Results:

- Data Objects are created successfully.
- Data Objects are added successfully into the diagram.
- Data Objects are removed successfully from the diagram but not deleted when clicking on the button Remove.
- Data Objects are removed from the diagram and deleted completed from the system when clicking on the button Delete.

#### Data Store

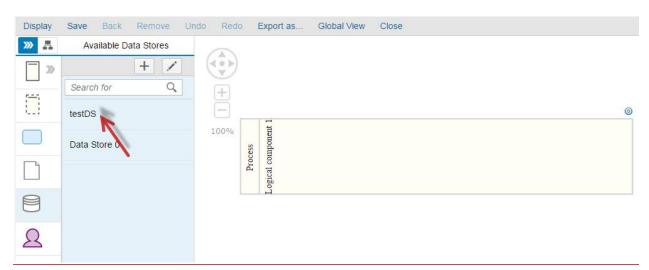
Create a Data Store

Click on the Data Store icon.

Display	Save Back Remove Un	do Redo E	ort as Global View Close
»» 🛃	Available Data Stores		
	+ /		
	Search for Q	+	
	Data Store 0	Ξ	0
		100%	
		Process	
		Pr	
8	N		

A list of avaial	abe data stores will appear.
	to create a new data store.
The popup ch	eate Data Store is open.
Create Data	Store
*Name	

Enter a data store name and click OK. The data store is created and added to the list.



OK

Cancel

# Add a Data Store into the diagram

Select a data store from the list.

Display	Save Back Remove Un	do Redo	Export as	Global View	Close	
»» 📇	Available Data Stores					
	+ /					
	Search for Q	(+)				
	testDS	Ē	_			0
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Click on the diagram to insert the data store.

Display	Save Back Remove Un	do Redo	Exp	port as	Global View	Close		
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	Search for Q	(+)						
	testDS	Ξ		-				0
	Data Store 0	100%	S	Logical component 1				
			Process	r comp				
			I	ogica	testDS			
8				-				
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## Remove a Data Store from the diagram

Select a data object in the diagram.

Display	Save Back Remove Ur	Indo Redo Export as Global View Close	
»» 🛃	Available Data Stores		
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	Search for Q	+	
	testDS		0
	Data Store 0	Loose	
	Data Store 0	Process	
		Ar To regDS T	
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0			
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## Click on the button Remove.

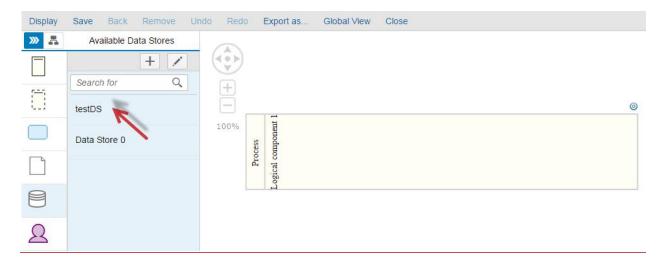
Display	Save Back Remove Ur	ido Redo	Export as	Global View Close	
»» 📇	Available Data Stores				
	+ 🗴				
	Search for Q	+			
	testDS	E,	-	0	۵
	Data Store 0	100%	nponent	e Ó	
			Process Logical component 1	testDS	
			<u>i</u>	0	
2					

## A popup appears.

Delete				C
Ŵ	Would you	like to remove or	delete selected	object(s)?
		Remove	Delete	Cancel

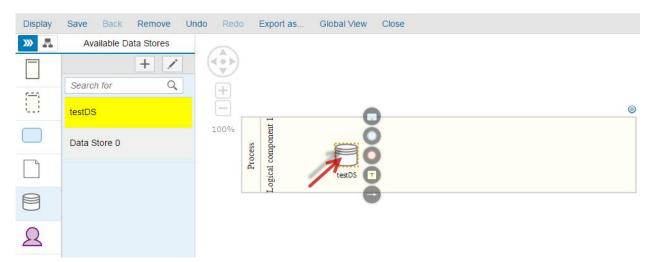
Click on Remove.

The data store is removed from the diagram but remains available in the data stores list.



Delete a Data Store

Select a data object in the diagram.



Click on the button Remove.

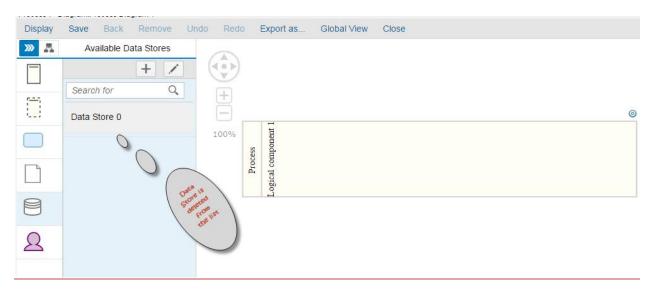
Display	Save Back Remove Un	do Red	o I	Export as	Global View Close	e	
»» 🛃	Available Data Stores						
	+ 🗴						
	Search for Q	(+)					
	testDS	Ξ		-	0		0
	Data Store 0	100%	Process	mponent	ğ		
			Proc	Logical component 1	testDS T		
8				-H	0		
2							

A popup appears.

Delete				(
Ū	Would you	l <mark>i</mark> ke to remove or	delete selected	l object(s)?

Click on Delete.

The data store is deleted from the system (the data store is removed from the diagram and from the data stores list).



#### Results:

- Data Stores are created successfully.
- Data Stores are added successfully into the diagram.
- Data Stores are removed successfully from the diagram but not deleted when clicking on the button Remove.
- Data Stores are removed from the diagram and deleted completed from the system when clicking on the button Delete.

### Participant

Create a new Participant

Click on the Participant icon.

Display	Save Ba	ack Remove	e Undo	Redo	Export as	Global View	Close		
»» 📇	Availat	ole Participants							
<b>&gt;</b>		+	/						
	Search for	r i	0,	+					
	Participan	t O		ē.					0
				100%	ess nponent				
					Process Logical component 1				
8					<u> </u>				
24	-								

A list of avaialabe participants will appear.

Click on to create a new participant.

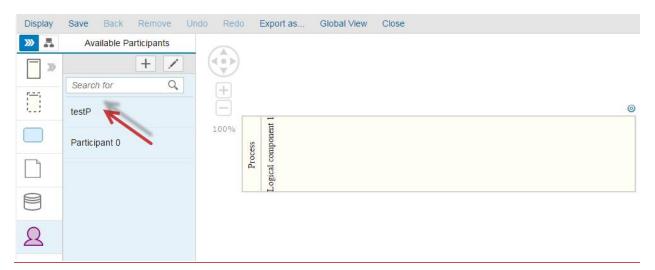
Display	Save Back Remove U	Indo Redo Export as Global View Close	
»» 🛃	Available Participants		
30	+ /		
	Search for	+	
	Participant 0		۲
		100%	
		Process Logical component 1	
		ogic	
8			
2			

The popup Create Participant is open.

Create Participant		0
*Name		
	ОК	Cancel

Enter a participant name and click OK.

The participant is created and added to the list.



Add a Participant to the diagram

## Select a participant from the list.

Display	Save Back Remove Ur	Indo Redo Export as Global View Close	
» 🔒	Available Participants		
	+ /		
	Search for Q	, <u>+</u>	
	testP		0
	Participant 0		
		Process 9001	
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Q			

Click on the diagram to insert the participant.

Display	Save Back Remove Ur	ndo Redo	Export as	Global View Close	
»» 📇	Available Participants				
	+ /				
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<b></b> :	testP				0
	Participant 0	100%	Frocess Logical component 1	R	
		,	ogical co	testP	
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Remove a Participant from the diagram

Select a participant in the diagram.

Display	Save Back Remove Ur	ndo Redo	Export as	Global View	Close
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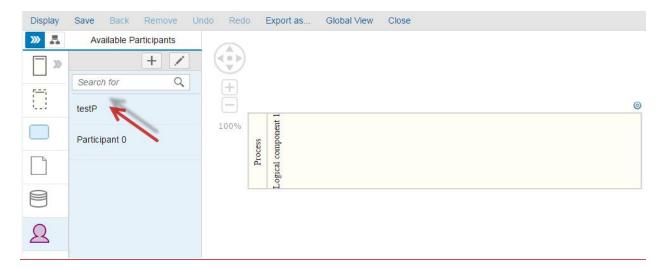
## Click on the button Remove.

Display	Save Back Remove U	Jndo Redo	Export as	Global View	Close
»» 🗸	Available Participants				
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	Participant 0	100%	Process Logical component 1	Q	
			Process ogical compo	testP	
2					

## A popup appears.

Delete				(
Ŵ	Would you	like to remove or	delete selected	l object(s)?
		Remove	Delete	Cancel

Click on Remove. The participant is removed from the diagram but remains available in the participant list.



Delete a Participant

Select a participant in the diagram.



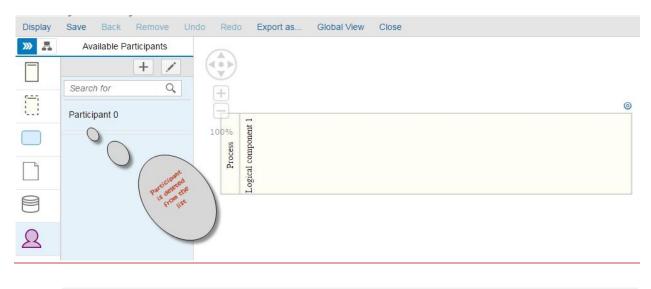
Click on the button Remove.

Display	Save Back Remove U	ndo Redo	Export as	Global View	Close
»» 🗸	Available Participants				
Π	+ >				
5-5	Search for Q	$\left(+\right)$			
	testP		1		0
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			Process Logical component 1	testP	
8			Lo		
2					

A popup appears.

Delete					0
Ŵ	Would you l	ke to remove or	delete selected	l object(s)?	
		Remove	Delete	Cancel	

Click on Delete. The participant is deleted from the system (the participant is removed from the diagram and from the participant list).



Results: - Participants are created successfully.

- Participants are added successfully into the diagram.
- Participants are removed successfully from the diagram but not deleted when clicking on the button Remove.
- Participants are removed from the diagram and deleted completed from the system when clicking on the button Delete.

#### Sub-Process

Add a Sub-Process to the diagram

Click on the Sub-Process icon.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
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0	100	70	Process Logical component 1					
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Click on the diagram to add a new Sub-Process.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
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$\bigcirc$	+		s oonent 1					
0	1009	%	Process Logical component 1		SubPro			
$\bigcirc$			Log					
$\diamond$								

Double-Click the sub-process to rename it.

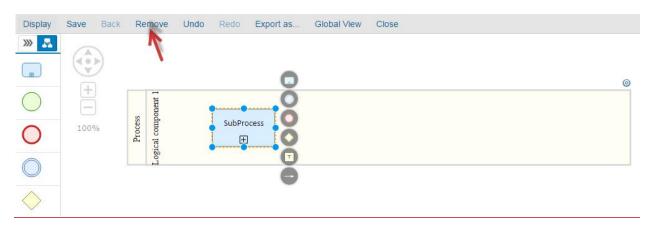
Display	Save Back	Remove	Undo Redo	Export as	Global View	Close		
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$\bigcirc$	+	onent 1	·	Ö				
0	100%	Process Logical component	SubProc					
0		Log						
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## Remove a Sub-Process from the diagram

Select the Sub-Process in the diagram.

Display	Save	Back	Remo	ve Undo	Redo	Export as	Global View	Close		
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0			Log							
$\diamond$										

Click on the button Remove.



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The process-step is removed from the diagram.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
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æ		2						0
$\bigcirc$	+	]	onent 1					
0	100	%	Process Logical component 1					
$\bigcirc$			Log					
$\diamond$								

Results:

- Sub-processes are added successfully into the diagram.
- Sub-processes are removed successfully from the diagram.

#### Start Event

Add a Start Event to the diagram

Click on the Start Event icon.



Click on the diagram to insert the start event.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close		
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0	1009	Vo.	Process Logical component 1		Start eve					
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## Remove a Start Event from the diagram

Select a start event in the diagram.

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0	1009	Vo	Process Logical comment 1	rea comb	1	Start eve				
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$\diamond$										

Click on the button Remove.



The Start Event is removed from the diagram but remains available in the startevent list.

**Results:** 

- Start events are added successfully into the diagram. Start events are removed successfully from the. -
- -

#### End Event

Add an End Event to the diagram

Click on the End Event icon.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
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0	1009	) %	Process Logical component 1					
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Click on the diagram to insert the end event.

Display	Save	Back	Remov	Undo	Redo	Export as	Global View	Close		
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Remove an End Event from the diagram

Select an end event in the diagram.

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#### Click on the button Remove.

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0	1009	%	Process	Logical component 1	End				
$\bigcirc$				Год					
$\diamond$									

The end event is removed from the diagram but remains available in the end event list.

Results:

- End events are added successfully into the diagram.
- End events are removed successfully from the diagram.

## Intermediate Event

## Add an Intermediate Event to the diagram

Click on the Intermediate Event icon.

Display	Save	Back	Remov	e Undo	Redo	Export as	Global View	Close
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	( • •	>						
$\bigcirc$	+		11 1					©
$\bigcirc$	E		ess					
0	100	%	Process Logical component 1					
			Logi					
$\diamond$								

Click on the diagram to insert the intermediate event.

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0	1009	%	Process Logical component 1	Intermedi					
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Remove an Intermediate Event from the diagram

Select an intermediate event in the diagram.



Click on the button Remove.

Display	Save	Back	Rem	nove	Undo	Redo	Export as	Global View	Close		
»» 🔒		<hr/>		7							
æ	( • •	2				0					٥
$\bigcirc$	+			onent 1	(72)	0					
0	1009	/o	Process	Logical component	Intermedi	ateevent					
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The intermediate event is removed from the diagram.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
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$\bigcirc$	+		onent 1					
0	1009	%o	Process Logical component 1					
$\bigcirc$			Log					
$\diamond$								

Results:

- Intermediate events are added successfully into the diagram.
- Intermediate events are removed successfully from the diagram.

## Gateway

Add a gateway to the diagram

Click on the Gateway icon.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
»» 🔒								
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<hr/>								

Click on the diagram to insert the gateway.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
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$\bigcirc$	+		onent 1					
0	1009	%	Process Logical component 1		×	7		
$\bigcirc$			Logi		Gateway			
$\diamond$								

Remove a Gateway from the diagram

Select a Gateway in the diagram.



Click on the button Remove.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close		
»» 🔒		<hr/>	7							
		2	1			•				0
$\bigcirc$	+	<u> </u>	ent 1			ŏ				
0	100	%	Process Logical component		X	Ŏ				
U			Pr gical c		Gateway	0				
$\bigcirc$			<u> </u>			6				
$\diamond$										

The intermediate event is removed from the diagram.



Results:

- Gateways are added successfully into the diagram.
- Gateways are removed successfully from the diagram.

# Interface Diagram

Interface Step

Add a new Interface step to the list

Click on the Interface Step icon.

Display	Save Bac	k Remove	Undo	Redo	Export as.	. Global View	Close	
»» 📠	Available I	Interface Steps						
		+ /						0
	Search for	Q		(F)	<orig></orig>	ŝ		
	Step 2			Ē	ce <0	Logical component 3		
	oreh 1			100%	Composite Interface	comp		
	N				site I	gical		
					ompo	Lo		
$\bigcirc$					0			

A list of avaialabe interface steps will appear.

All interface steps created from the Solution Documentation is available in the list.

Click on	+ t	o crea	ate a nev	v inter	face st	ep.					
Display	Save	Back	Remove	Undo	Redo	Export	as	Global View	Close		
»» 👫	Availa	ble Inter	face Steps	_							
			+ /								0
	Search	for	NQ.		(F)		<origi< td=""><td>m</td><td></td><td></td><td></td></origi<>	m			
	Step 2							Logical component 3			
	Step 2				100%		iterta	ounoc			
							site Ir	tical o			
8							Composite Interface	Log			

## The popup Process Step is open.

Interface Step	8
*Name	
*Logical Component	~
	OK Cancel

Enter a Name and a Logical Component and click on OK (for example: "testIS", "Logical Component 3") The process step is created.

Display	Save Back Remove Ur	ndo Redo Exp	ort as.	
»» 🔒	Available Interface Steps			
	+ /		Δ.	
	Search for Q	(+)	Composite Interface <orig></orig>	t 3
	testiQ		face <	ponten
	testIS	98%	Inter1	com
	Step 2	5010	osite	Logical component 3
9			Comp	2

## Add an interface step to the diagram

Select an interface step from the list.

Display	Save Back Remove Un	do Redo E	xport as	Global View Close
»» 🗸	Available Interface Steps			۵
	+ /			
	Search for Q	+	Δ.	-
	Step 2		Orig	
		100%	erface -	COMPONENT 1
			Composite Interface <orig.></orig.>	
			Comp	LogicAL

All the lanes where the process-step could be added will be highlighted in green.

Display	Save Back Remove Ur	ndo Redo Export a	s	Global View Close	
»» 🗸	Available Interface Steps				0
	+ /				
	Search for Q	(+)			
	Step 2	$\Box$	> prig.>	Step 2	
		100%	ace <0	bove	
			nterf	INO SOLUTION	
8			Composite Interface <orig></orig>	Step 2	
			Com	007	

Click inside the diagram to add the interface step.

If you assign an interface step to non-related lane, the process step will be automatically assigned to new lane.

Display	Save Back Remove Un	ido Redo Ex	port as O	Slobal View Close	
»» 📕	Available Interface Steps			6	2
	Search for Q			ONENT J	
	Step 2	+	Drig>	LOGICAL CONPONENT	
	Innernennennennennennennennennennen	98%	erface <(	Lodic	
			Composte Interface <orig></orig>	Step 2" assigned to "LOGICAL COMPONENT 2"	

# Remove an Interface Step from the diagram

#### Select an interface step from the diagram.

Display	Save Back Remove Un	do Redo	Export as	Global View	Close
» 🖁	Available Interface Steps				
	+ /				
	Search for Q	+		1	
	Step 3	$\Box$	Orig>	ENT 1	0
	Step 2	100%	Composite Interface <orig></orig>	LOGICAL COMPONENT 1	Step 3
8			posite In	ICAL C	
			Com	LOG	

The button Remove is highlighted.

Click on the button Remove.

Display	Save Back	Remove	Undo	Redo	Export as	Global View	Close
» 🔒	Available Inte	rface Steps					
		+					
	Search for	Q		+			
	Step 3			ē	, see	I INI	0
	Step 2		1	100%	Community Interdence Onion	COMPONENT 1	Step 3
					Testing 1	CAL CO	·
					Common Common	LOGICAL	•

The following popup appears.

Delete				8
Ŵ	Would you like to re	emove or delet	e selected	
<u> </u>	object(s)?			

## Click Remove.

The interface step is removed from the diagram.

Display	Save Back Remove L	ndo Redo Export a	IS	Global View Close
»» 📠	Available Interface Steps			
	+ /			
	Search for Q	+		
	Step 3		Orig.>	1 Eva
	Step 2	100%	Composite Interface <orig.></orig.>	COMPONENT
			site Int	AL CC
<u> </u>			Compo	LOGICAL

Delete an interface step from the diagram

Interface Step not used in another diagram:

Display	Save Back Remove U	ndo Redo	Export as	Global View	Close
»» 🔒	Available Interface Steps				
	+ /				
	Search for Q	(+)		1	
	Step 3	Ē	> gu	NT 1	0
		100%	Composite Interface <orig></orig>	LOGICAL COMPONENT	·•Ŏ
	Step 2		Iterfa	OMP	Step 3
8			site It	AL C	••
			oduo	OGIC	\ ē
			3	L L	

Select an interface step from the diagram.

The button Remove is highlighted. Click on the button Remove.

The following popup appears.

Delete					Θ				
Ŵ	Would you I	Would you like to remove or delete selected object(s)?							
		Remove	Delete	Cancel	1				

Click Delete. The interface step is removed from the diagram.

The deleted interface step does not exist in the interface step list.

Display	Save Back Remove Un	do Redo	Export as	Global View Close
»» 📇	Available Interface Steps			۵
<b></b> >>	+ /		A	
	Search for Q	(+)	Orig	
	Step 2		Composite Interface <orig> LOGICAL COMPONENT 1</orig>	
		100%	Inter COA	
			osite	
			Composite LOGICAL	

Process Step used in other diagram:

When removing an interface step from a diagram, if the interface step is used in another diagram the popup Remove/Delete will not be displayed.

The interface step will be removed from the diagram and the message "< Interface Step> is used in another diagram(s) and cannot be deleted, it will be removed from the current diagram" will be displayed.

 $\rightarrow$  Interface steps used in other diagrams cannot be deleted and only removed from the displayed diagram.

Display	Save Back Remove Ur	ndo Redo	Export as Glo	bal View Close	
»» 🖁	Available Interface Steps				
	+   /     Search for   Q     Step 2	+	Composite Interface <orig> LOGICAL COMPONENT 1</orig>	Step 2 is used in another diagram(s) and can not be deleted, it will be removed from the current diagram	•

#### Results:

- Interface steps are created successfully.
- Interface steps are added successfully into the diagram.
- Interface steps are removed successfully from the diagram but not deleted when clicking on the button Remove.
- Interface steps are removed from the diagram and deleted completed from the system when clicking on the button Delete.
- Used interface steps cannot be deleted if they are used in other interface diagrams

#### Delete object from the palette toolbar

From the palette toolbar, click on the edit button.

»» 🔒	Available Data	Obje	cts
Π		+	1
	Search for		Q,
	Data Object 0		
	Data Object 1		
	Data Object 2		

Choose an object to delete and click on the *s* icon. Example: Data Object 1

»» 🔒	Available Data Objects			
	-	+ 63		
	Search for	Q		
	Data Object 0	۲		
	Data Object 1	۲		
	Data Object 2	۲		

The object is deleted.

Display	Save	Back	Remo	ove	Un
»» 🔒	Ava	ailable Da	ita Obje	ects	
F			+	69	
	Searc	h for		Q,	
	Data (	Object 0		۲	
	Data (	Object 2		۲	
8					

Choose another object, and to delete.

Example: Data Object 0.

Data Object 0 is used in another diagram. In this case the following popup appears.

0				Delete
	to delete it?	do you still want	This item is used	Ŵ
1	Cancel	Delete		
	Cancel	Delete		

Cancel will not delete the object.

Click on Delete  $\rightarrow$  the object will be deleted.

#### Search-bar

In this scenario we will try to search for a Data Object in the palette toolbar.

Display	Save	Back	Remo	ove	Unc
»» 🔒	Ava	ailable Da	ata Obje	ects	
Π			+	1	
	Searc	h for		Q	
	ABC				
	Data (	Object Te	est		
8	Data (	Object 0			
	Data (	Object 2			

In the search-bar type a data object name (example "Data Object 0").

The search-bar implements a simultaneous filter. As you type in matching objects appears in the list.

Display	Save	Back	Remo	ove	Un
»» 📕	Ava	ailable Da	ata Obje	ects	
		1	+	1	]
	A		۲	Q,	
	ABDA				
	ABD				
8	ABC				
	1				

»» 🔒	Available	Data Obje	ects
		+	/
	ABD	۲	Q,
	ABDA		
	ABD		
8	/		

## Context Menu

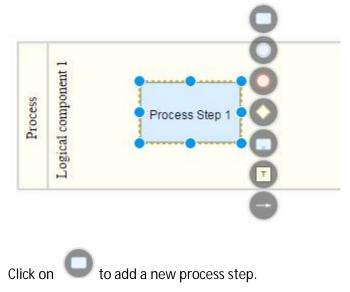
In this section, you learn how to use the context menu options in a diagram. Proceed as follows: Log on to your system. Enter the solution administration Select a solution. Select a branch. From the Solution Documentation tab click Open.

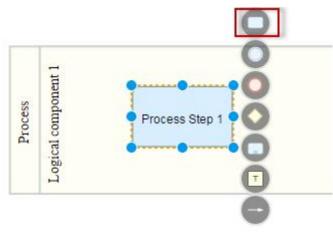
### Add Process Step



Applicable only for: Process Step

From the diagram, select a Process Step. The context Menu appears.



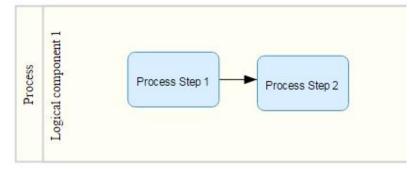


The process step popup appears.

Search for	Q
Process Step 1	
Process Step 2	

Select a process step and confirm.

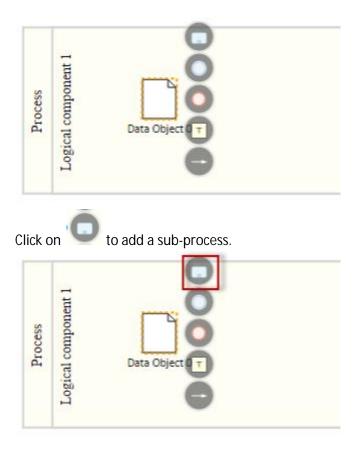
The process step is added to the diagram and both process steps are linked.



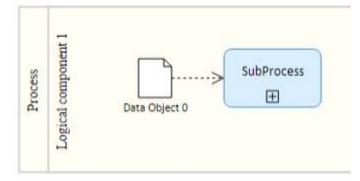
### Add Sub-Process

Applicable only for: Process Step, Sub-Process, Data Object, Data Store, Start Event, Intermediate Event, Gateway

From the diagram, select an object where this option is applicable (example: Data Object). The context Menu appears.



The sub-process is added and is linked to the data object.

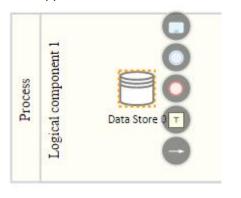


## Add Intermediate Event



Applicable only for: Process Step, Sub-Process, Data Object, Data Store, Start Event, Intermediate Event, Gateway

From the diagram, select an object where this option is applicable (example: Data Store). The context Menu appears.

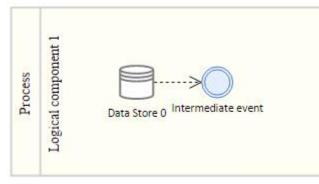




to add an intermediate event.

Process Logical component 1	Data Store
--------------------------------	------------

The intermediate event is added and is linked to the data store.

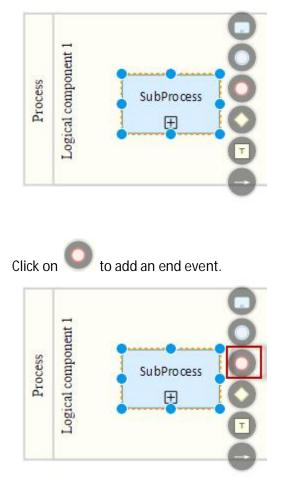


# Add End Event

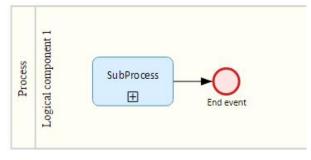


Applicable only for: Process Step, Sub-Process, Data Object, Data Store, Intermediate Event, Gateway

From the diagram, select an object where this option is applicable (example: Sub-Process). The context Menu appears.



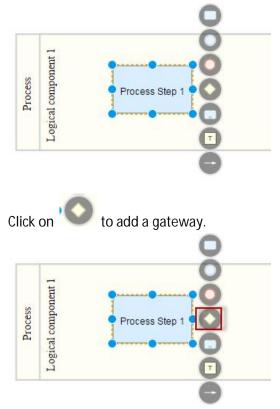
The end event is added and is linked to the sub-process.



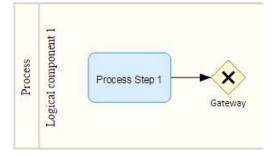
### Add Gateway

Applicable only for: Process Step, Sub-Process, Start Event, Intermediate Event, Gateway

From the diagram, select an object where this option is applicable (example: Process Step). The context Menu appears.



The gateway is added and is linked to the process step.

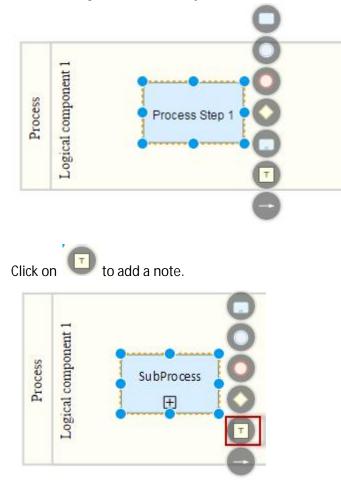


### Add Note



Applicable only for: All objects

From the diagram, select an object. The context Menu appears.



The note is added and is linked to the process step.

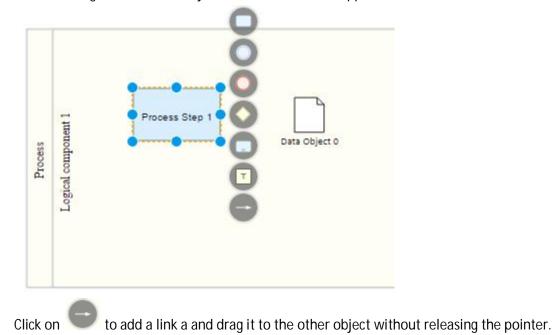


## Add Link to an object

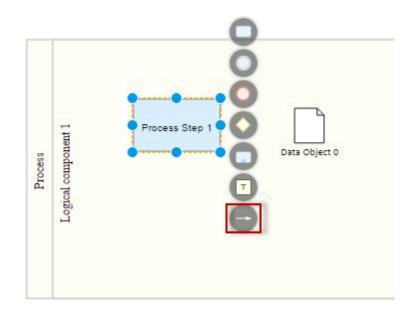


Applicable only for: All objects

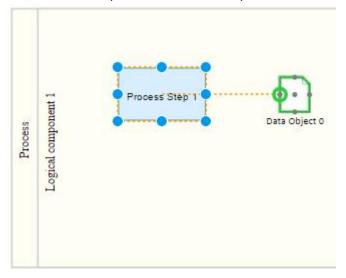
From the diagram, select an object. The context Menu appears.



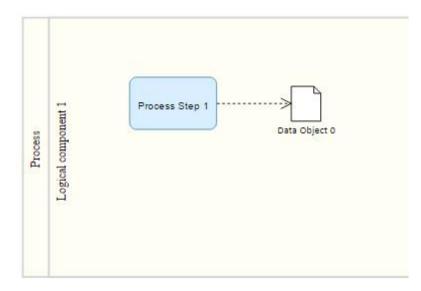
Solution Documentation - Graphical Process Editor



Choose a contact point and release the pointer.



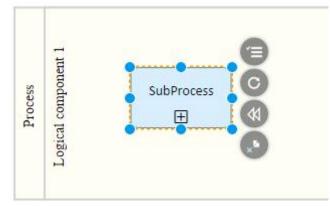
Both objects are linked.



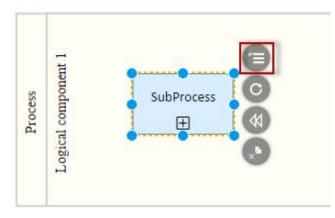
### Decorators



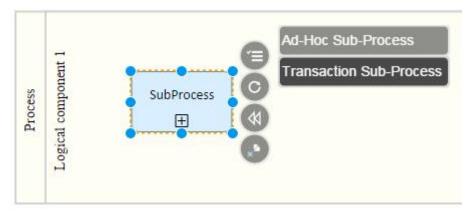
From the diagram, right-click an object where this option is applicable (example: Sub-Process). The context Menu appears.



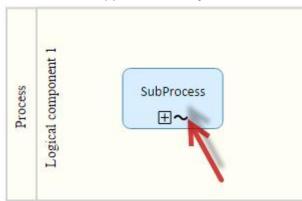
Click on the decorator icon.



A list of decorators appears.



Select a decorator (for example: Ad-Hoc Sub-Process) The decorator is applied to the object.

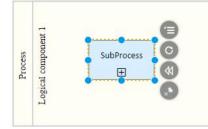


## Loops

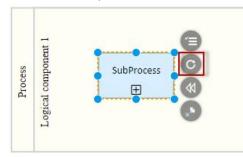


Applicable only for: Process Step, Sub-Process

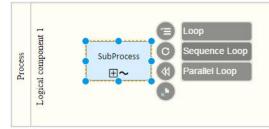
From the diagram, right-click a process step or a sub-process. The context Menu appears.



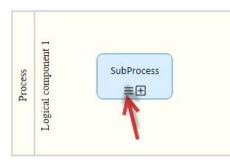
Click on the loop icon.



#### A list of loops appears.



Select a loop. The loop is applied to the object.

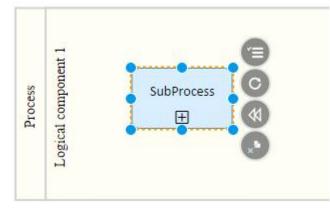


### For Compensation

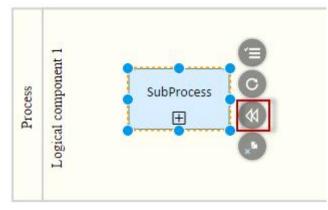
\$

Applicable only for: Process Step, Sub-Process

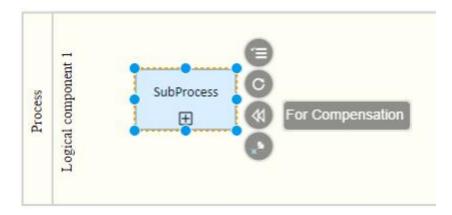
From the diagram, right-click a process step or a sub-process. The context Menu appears.



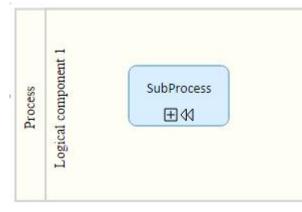
Click on the For Compensation icon.



Select "For compensation".

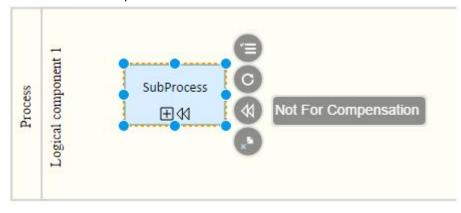


For Compensation icon is added.



Now we will remove the "For Compensation" option.

Right-click on object and click on Select "Not for Compensation".

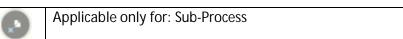


The For Compensation icon disappears.

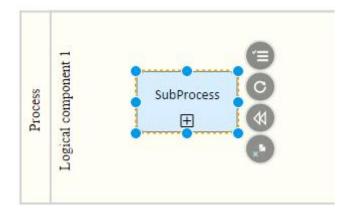


### Reference

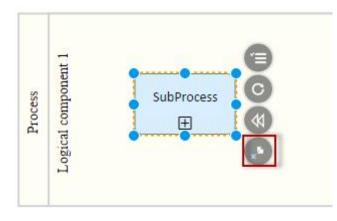
# Single Reference



From the diagram, right-click an object where this option is applicable (example: Sub-Process). The context Menu appears.



Click on the Navigation icon.



#### The following popup appears.



#### Select a process and a diagram and confirm.



A navigation icon is added on top of the sub-process.



Click on the navigation icon. → Process Diagram 2 will open.

	Process 2 Logical component 1	
$\bigcirc$		
Start Event	Process Step 1	
Process	Step 2	

# **Multiple References**

	Applicable only for: Start Event, End Event, Intermediate Event
--	---

For these objects it's possible to assign more than one reference.

Reference and Dia	gram Assignment	
Process	Diagram	Default
<process 2=""></process>	Process Diagram 2 🛛 🗸	$\checkmark$
<process 3=""></process>	Process Diagram 🗸 🗸	

Only one Process/Diagram can be tagged as Default. The navigation will work with Default process only.

Example: If we tag "Process 2/Process Diagram 2" as default, clicking on the object will take us to diagram 2.

Process 2	LOGICAL COMPONENT 1	Start event
-----------	---------------------	-------------

 $\mathbf{E} \overset{2}{\longrightarrow}$  means that 2 process steps are referenced in the start event.

Process	Diagram	Default	Navigations
Process 2	Vertical-by System- DM	<b>V</b>	A
Process	Process Diagram 19		A

Click on the Navigation icon  $\mathbb{A}$  to open the referenced diagram. Click on button Maintain to edit the reference.

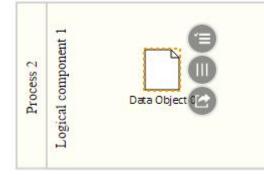
Refere	ence and Diagran	n Assignment	
Proces	S	Diagram	Default
<proces< td=""><td>ss 2&gt;</td><td>Process Diagram 2</td><td></td></proces<>	ss 2>	Process Diagram 2	
<proces< td=""><td>ss 3&gt;</td><td>Process Diagram</td><td></td></proces<>	ss 3>	Process Diagram	

## Replace Object

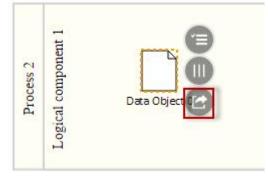


Applicable only for: Process Step, Data Object and Data store

From the diagram, right-click an object. The context Menu appears.



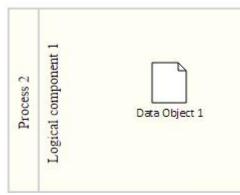
Click on Replace Object icon.



A popup appears containing all available objects with same type as the one to be replaced.

Search for Data Object 2		ct "Data Object 0"
-	earch for	
Data Object 1	Data Object 2	
Data Object 1	Data Object 1	

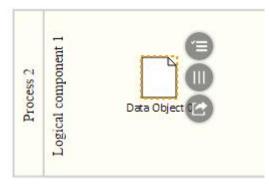
Select an object and confirm. The object is replaced by the new one.



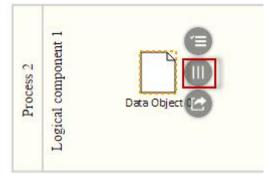
### Is a Collection



From the diagram, right-click a Data Object. The context Menu appears.



#### Click on the "Collection" icon.



Set the Data object to "As a Collection".



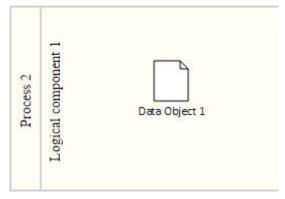
The collection icon is added to the data object.



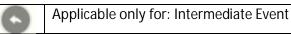
Right-click the data object and click on the Collection icon again. Set the data object to "Not a Collection".



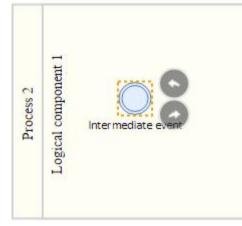
The collection icon is removed from the data object.



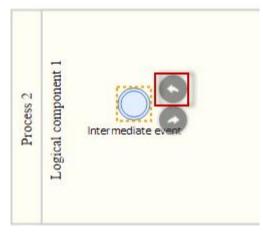
### Catch



From the diagram, right-click an Intermediate Event. The context Menu appears.



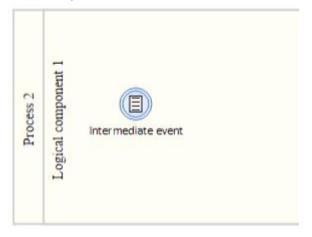
Click on the Catch icon.



A list of catch options is displayed.



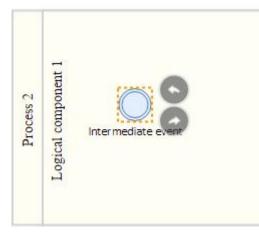
Select an option. An icon is added to the intermediate event.



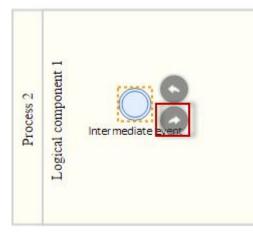
### Throw

Applicable only for: Intermediate Event

From the diagram, right-click an Intermediate Event. The context Menu appears.



Click on the Throw icon.



### A list of throw options is displayed.



Select an option. An icon is added to the intermediate event.

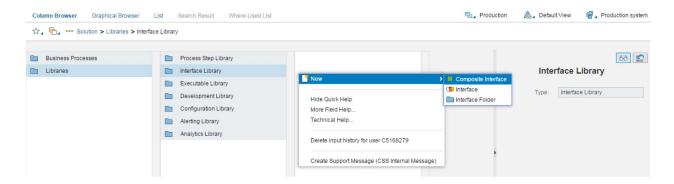
C O Intermediate event	Process 2	Logical component 1	Inter mediate event	
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## Intermediate Event

In this section, you learn how to use intermediate events. Proceed as follows: Log on to your system. Enter the solution administration Select a solution. Select a branch. From the Solution Documentation tab click Open.

# Creating a composite interface

From the solution documentation navigate to Library > Interface Library. Create a composite interface:



As an example we use the following data info:

Com	oosite Interface 1	
* Title:	Composite Interface 1	
Description:	Edit Text	
ending Log. Compo	LOGICAL COMPONENT 1	ð
ceiving Log. Comp	LOGICAL COMPONENT 2	Ð
Туре:	Composite Interface <orig.></orig.>	
Responsibilit	ies	

# Creating 3 interface steps

Now you can add 3 Interface Steps to the Composite Interface.

Column	Browser Graphical Browser List	t Search Result Where-Used List		Production	🙈 Default View 📑	Production syste
\$ . F	Solution > Libraries > Interface L	.ibrary > Composite Interface <orig.></orig.>				
	Process Step Library	Composite Interface 1				68 🗙
	Interface Library		New :	P Interface	posite Interface 1	
	Executable Library		Hide Quick Help	III Interface Step		
	Development Library		More Field Help	* Title:	Composite Interface 1	
	Configuration Library		Technical Help	Description:	Edit Text	
	Alerting Library		and a second second	ending Log. Compo	LOGICAL COMPONENT	1 🗗
	Analytics Library		Delete input history for user C5168279	teceiving Log. Comp	LOGICAL COMPONENT	2 🗇
			Create Support Message (CSS Internal Message)	Type:	Composite Interface <or< td=""><td>g.&gt;</td></or<>	g.>
				Responsibili	ties	
				B		
<				Responsible:		ð
		A				

Create the following Interface Steps.

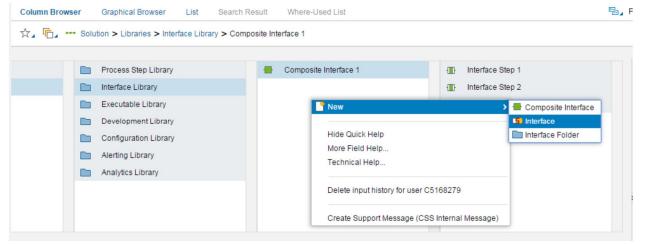
Int	terface Step 1	60 🗙
* Title:	Interface Step 1	
*Logical Component	LOGICAL COMPONENT 1	- D
Type:	Interface Step	

		63 🗙
Int	terface Step 2	
* Title:	Interface Step 2	
*Logical Component	LOGICAL COMPONENT 2	-D
Type:	Interface Step	

Int	terface Step 3	
* Title:	Interface Step 3	
*Logical Component	LOGICAL COMPONENT 3	5
Type:	Interface Step	

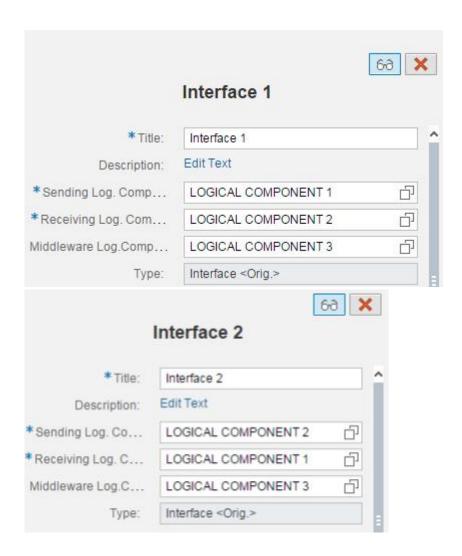
### Creating 2 interfaces

Now we will create 2 Interface (Not a composite interface).

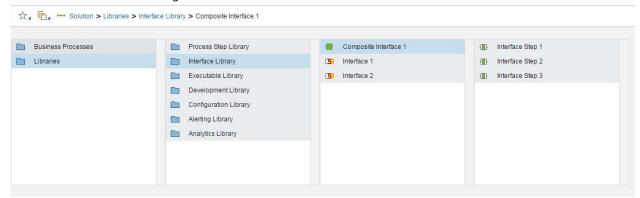


As an example we will choose the following data info:

The sending and receiving logical component groups are importing in the upcoming steps.



#### The view will be as following:

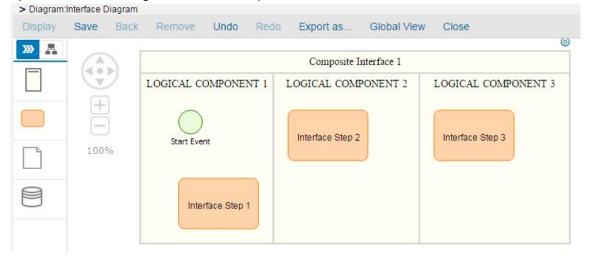


## Creating an interface diagram

Select Composite Interface 1 and from the section "Elements of Composite Interface 1" create an interface diagram.

Business Processes	Process Step Library	Composite Interface 1	Interface Step 1
Libraries	Interface Library	(5) Interface 1	Interface Step 2
	Executable Library	Interface 2	Interface Step 3
	Development Library		
	Configuration Library		
	Alerting Library		
	Analytics Library		
		^	
Elements of Composite Interfac		New	> Documentation >
Group	Name		Interface Diagrams > Interface Diagram
		Hide Quick Help	Process Links >
		More Field Help	

Open the interface diagram and select all process interfaces.



Composite Interface 1		
LOGICAL COMPONENT 1	LOGICAL COMPONE	LOGICAL COMPONE.
Interface Step 1	Interface Step 2	Interface Step 3

### Intermediate Event

Insert an Intermediate Event in Logical Component 1. We can call it for example "Intermediate Event".

		Composite Interface 1						
		LOGICAL COMPONENT 1	LOGICAL COMPONENT 2	LOGICAL COMPONENT 3				
C	+	0						
	100%	Intermediate event						
>		Interface Step 1	Interface Step 2	Interface Step 3				

Right click the intermediate event and assign the catch option "Catch Message Event"

Display	Save Bad	k Remove Undo	Redo Export as Global View Close
$\bigcirc$			Catch Timer Event
$\overline{\mathbf{O}}$	+	LOGICAL COMPONEN	Calch Link Event COMPONENT 2 LOGICAL COMPONENT 3
0	Ξ		Catch Message Event
$\bigcirc$	100%	Intermediate event	Catch Signal Event
$\diamond$			Catch Parallel Multiple Event
		Interface Step 1	Interface Step 2 Interface Step 3

Now right click again the Intermediate Event. Now the option Maintain Reference is added to the Context Menu.

Display	Save Bac	k Remove Undo Red	o Export as Global Viev	
			Composite Interface 1	©
	100%	LOGICAL COMPONENT 1	LOGICAL COMPONENT 2	LOGICAL COMPONENT 3
Click on th	e 🕑 and	assign "Interface 1".		
Interface	e <interfa< td=""><td>ace 1&gt; 🛞</td><td></td><td>~</td></interfa<>	ace 1> 🛞		~
				OK Cancel

The message icon is added on top of the Intermediate Event.

Display	Save	Back	Remove	Undo	Redo Export as Global View Close	
»» 📴		)		٥		
$\bigcirc$	84%			ERP_127	Interface Step 1	
0				Composite Interface 1 CRM_127	Interface Step 2	
				SRM_127	Interface Step 3	

Now Interface 1 is referenced in the Intermediate Event.

Now, we must remember that Interface 1 has the following information:

	Interface 1	62	٢
* Title:	Interface 1		^
Description:	Edit Text		
*Sending Log. Comp	LOGICAL COMPONENT 1	Ð	
*Receiving Log. Com	LOGICAL COMPONENT 2	D	
Middleware Log.Comp	LOGICAL COMPONENT 3	D	
Туре:	Interface <orig.></orig.>		

Logical component 1 is the sending component to the intermediate event: The intermediate event receives data from objects in logical component 1. Object (log. Comp. 1)  $\rightarrow$  Intermediate Event. Opposite site is not possible

Logical component 2 is the receiving component from the intermediate event: The intermediate event sends data to objects in logical component 2. Object (log. Comp. 2) ← Intermediate Event. Opposite side is not possible.

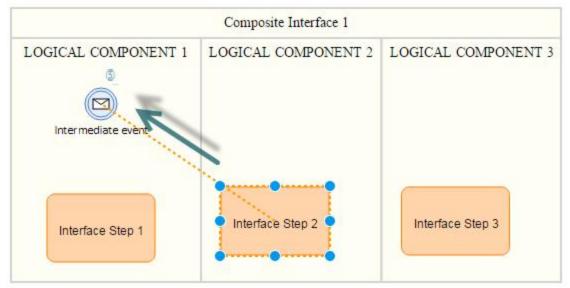
Testing the Sending Criteria:

Let's try to link our intermediate event to Interface Step 1. Interface Step 1 is in Logical Component 1 so the link Interface Step 1  $\rightarrow$  Intermediate Event is be possible since logical component 1 is the sending logical component.

	Composite Interface 1	
LOGICAL COMPONENT 1	LOGICAL COMPONENT 2	LOGICAL COMPONENT
Interface Step 1	Interface Step 2	Interface Step 3

Let's try to link our intermediate event to Interface Step 2.

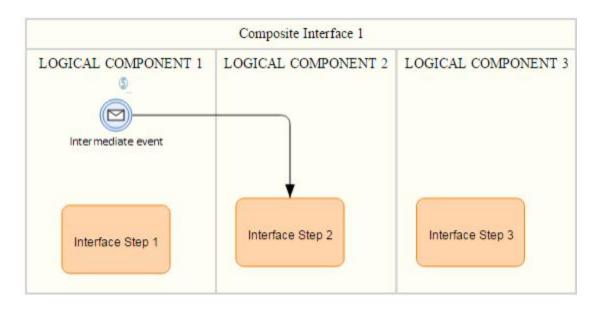
Interface Step 2 is in Logical Component 2 so the link Interface Step 2  $\rightarrow$  Intermediate Event <u>is not</u> be possible since logical component 2 <u>is not</u> the sending logical component.



Testing the Receiving Criteria:

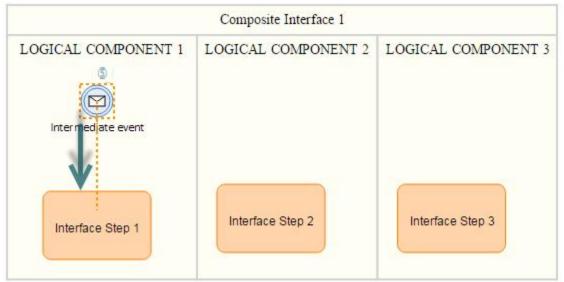
Let's try to link our intermediate event to Interface Step 2.

Interface Step 2 is in Logical Component 2 so the link Intermediate Event  $\rightarrow$  Interface Step 2 is be possible since logical component 2 is the receiving logical component.



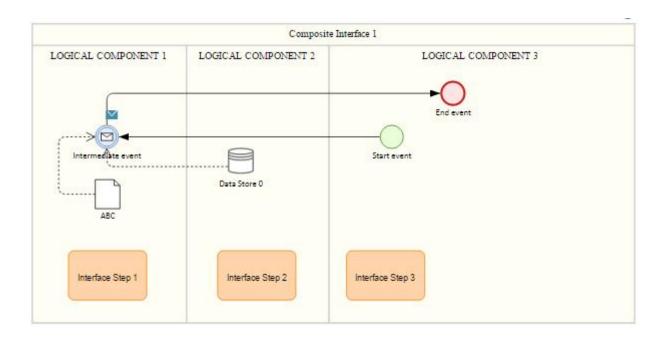
Let's try to link our intermediate event to Interface Step 1.

Interface Step 1 is in Logical Component 1 so the link Intermediate Event  $\rightarrow$  Interface Step 1 is not be possible since logical component 1 is not the receiving logical component.



### Objects not assigned to Logical Component Groups

The concept of sending/receiving logical component groups is only applicable for process steps. Other objects like Data Stores, Data Objects. Start/End Events... can be linked to Intermediate events in a usual manner.



#### Several Interface Assignment

From the Solution Documentation create another Interface "Interface 3" which the same sending & receiving logical components as interface 1.

	Interface 3	67
* Title:	Interface 3	
Description:	Edit Text	
*Sending Log. Comp	LOGICAL COMPONENT 1	ت ا
*Receiving Log. Com	LOGICAL COMPONENT 2	0
Middleware Log.Comp	LOGICAL COMPONENT 3	0
Type:	Interface <orig.></orig.>	

Now we have the following composite diagram: *\*The same diagram used in PART I* 

	Composite Interface 1	
LOGICAL COMPONENT 1	LOGICAL COMPONENT 2	LOGICAL COMPONENT
Intermediate event	Interface Step 2	Interface Step 3

You can assign several interfaces to the intermediate event.

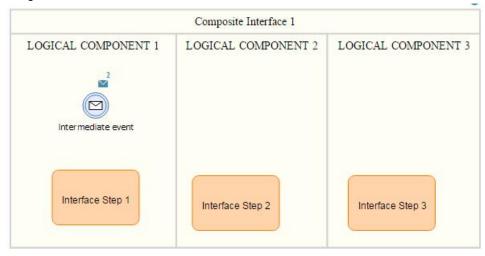
			1000000	
Interf	$\leq$ Interface 1> $\otimes$	<interface 3=""> 🛞</interface>		$\sim$

You can only assign interfaces with the same sending/receiving logical component groups.

- $\rightarrow$  Interface 1 and interface 3 can be assigned together.
- $\rightarrow$  Interface 1 and Interface 2 cannot be assigned together.

#### Delete Interface Assignment

Assign both Interface 1 and Interface 3 to the intermediate event.

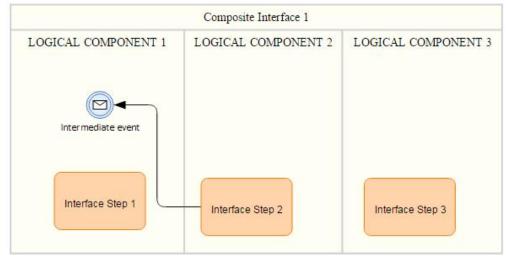


The link Interface Step 2  $\rightarrow$  Intermediate Event is not possible since both Interfaces have the Logical Component 1 as the sending logical component.

Now, remove both interfaces from the assignment to Intermediate Event.

Interface	Interface 1 🗵 🔀		$\sim$
		ОК	Cancel

The link Interface Step 2  $\rightarrow$  Intermediate Event is be possible now.



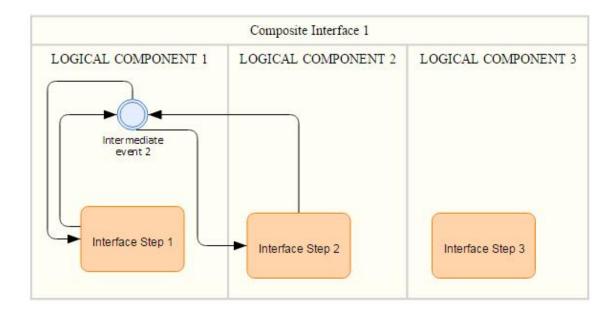
### Assignment to linked intermediate event

Add a new Intermediate event "Intermediate Event 2" to the diagram (double click the object to rename it).

	Composite Interface 1	
LOGICAL COMPONENT 1	LOGICAL COMPONENT 2	LOGICAL COMPONENT 3
Interface Step 1	Interface Step 2	Interface Step 3

Link Interface Step 1 and Interface Step 2 to the intermediate event in both directions.

Intermediate Event 2  $\rightarrow$  Interface Step 1 Intermediate Event 2  $\leftarrow$  Interface Step 1 Intermediate Event 2  $\rightarrow$  Interface Step 2 Intermediate Event 2  $\leftarrow$  Interface Step 2



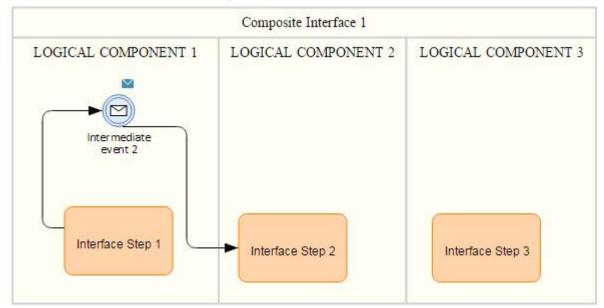
Now we will assign Interface 1 to Intermediate Event 2.

Interface	<interface 1=""> (8)</interface>	~	-
		OK Cano	cel

Let's remember Interface 1 criteria: Sending Log. Comp. Group: Logical Component 1. Receiving Log. Comp. Group: Logical Component 2.

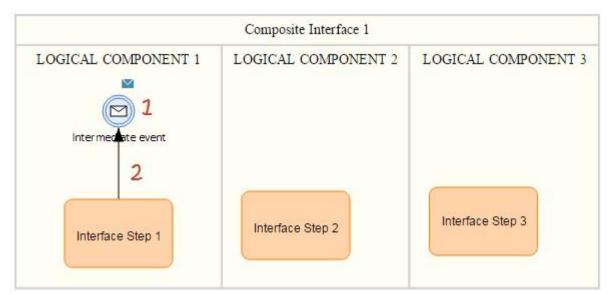
The result is as follows:

Intermediate Event 2 → Interface Step 1 Intermediate Event 2 ← Interface Step 1 Intermediate Event 2 → Interface Step 2 Intermediate Event 2 ← Interface Step 2



#### Change Interface Step Logical Components

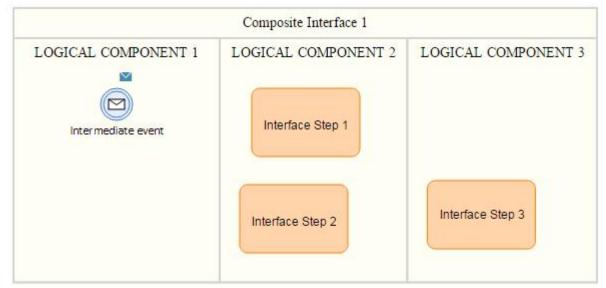
We have the following diagram:



 $1 \rightarrow$  Interface 1 is assigned to Intermediate Event.

 $2 \rightarrow$  Interface Step 1 is linked to Intermediate Event.

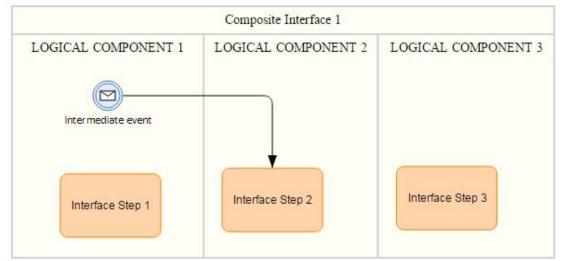
Now we will move Interface Step 1 from Logical Component 1 to Logical Component 2.



We notice that the link is deleted because Logical Component 2 is not a Sending Log. Comp for the intermediate event.

### Linked Intermediate Event

#### We have the following diagram.



No interface is assigned to the intermediate event.

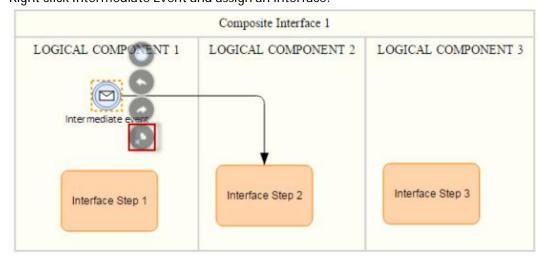
We have the following link: Intermediate Event  $\rightarrow$  Interface Step 2.

Intermediate Event  $\rightarrow$  Interface Step 2 Interface Step 2 is in Logical component 2

Logical Component 2 is a Receiving Log. Comp. for Intermediate Event.

Now will assign an interface to Intermediate Event.

Right click on Intermediate Event and tag it a "Catch Message Event". Right click Intermediate Event and assign an interface.



The popup for assigning an interface appears.

Interface	Enter Name		

Only interfaces with Receiving Log. Comp = Logical Component 2 will be proposed for selection. If the link is deleted, all the existing interfaces will be available for selection.

Interface	Enter Name	$\mathbf{\vee}$	
	Interface 1		
	Interface 3		I

## Inconsistency

In this section, you learn how to deal with inconsistencies between intermediate events and process steps.

Proceed as follows:

Log on to your system.

Enter the solution administration

Select a solution. Select a branch. From the Solution Documentation tab click Open.

As an example, we assume to have the following diagram:

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
»» 📇	-	0						
			(PONENT 1	_				
	+		LOGICAL COMPONENT 1	Proce	ss Step 1			
	70%	Process 2	S .					
		P	ENT2					
			NDUNDON					
8			LOGICAL COMPONENT 2					
1725								

As a prerequisite we have:

1. A process step: Process Step 1.

Pr	Process Step 1						
Title:	Process Step 1						
Description:							
Logical Compone	LOGICAL COMPONENT 1						
Type:	Process Step <orig.></orig.>						

2. An interface: Interface 1.

	Interface 1
Title:	Interface 1
Description:	
Sending Log. Componen	LOGICAL COMPONENT 2
Receiving Log. Compone	LOGICAL COMPONENT 1
Middleware Log.Compon	LOGICAL COMPONENT 3
Туре:	Interface <orig.></orig.>

In the following, <u>PS</u> refers to <u>Process Step</u>, and <u>IE</u> refers to <u>Intermediate Event</u>.

## Move PS from lane to lane

We have the following diagram.

Process Step 1 is in the lane LOGICAL COMPONENT 1.



Move Process Step 1 to the lane LOGICAL COMPONENT 1.

Step Process 1 become *inconsistent* because:

- It's assigned to LOGICAL COMPONENT 1.
- It exists in Iane LOGICAL COMPOENT 2.

 $\rightarrow$  Process Step 1 is highlighted in red because it became inconsistent.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
»» 📇	G	0	)					
			APONENT 1					
	+		LOGICAL COMPONENT I					
	70%	• •	T T					
			LOGICAL COMPONENT 2	Proce	iss Step 1			
8			LOGICAL C	×	/			

Move Process Step 1 back to the lane LOGICAL COMPONENT 1. Process Step 1 is consistent and is not highlighted in red any more.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
»» 🔒	0	0						
	+		LOGICAL COMPONENT I	Proce	es Step 1			
		Process 2	LOGICAL COMPONENT 2					
8			LOGICAL					

### Display diagram with inconsistent PS

Process Step 1 is in Iane LOGICAL COMPONENT 2. Process Step 1 is inconsistent and is highlighted in red.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
»» 🛃		0						
		2	PONENT 1					
	+		LOGICAL COMPONENT I					
	70%	Process 2	200					
			LOGICAL COMPONENT 2	Proce	ss Step 1			
8			LOGICAL C		'			
			1988.0					

#### Save the previous diagram and close it.

Column Browser Graphical Brow	vser List Search Result Where-Use	d List	
☆	Processes > Scenario > Process 2		
Scenario	Process       Process 2       Process 3       Pizza Delivery	<ul> <li>Process Step 1</li> <li>Process Step 3</li> <li>Process Step 4</li> <li>Process Step 6</li> <li>Process Step 5</li> <li>Process Step 7</li> </ul>	
<			•
Elements of Process 2 +			
n Group	Name	Туре	
Diagrams	Process Diagram by system	Process Diagram	^
Diagrams	Process Diagram 5	Process Diagram	~

#### Open the diagram.

ightarrow The inconsistent process step stays highlighted in red.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close	
»» 🔒	-	0							
	+		LOGICAL COMPONENT 1						
		Process 2	LOGICAL COMPONENT 2	Proce	ss Step 1				
			LOGICAL CI	×	*				

# Drag and drop a PS into a lane

#### The diagram is empty.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
»» 📇	-	0	I					
			ENT I					
	(+		AIPON					
			LOGICAL COMPONENT 1					
1 X			LOGIC					
	70%	Process 2						
		4	ENT 2					
			LOGICAL COMPONENT 2					
P			ALCO					
			LOGIC					
			3 <b>3</b> 8					

Drag and drop Process Step 1 into the lane LOGICAL COMPONENT 2. → Process Step 1 is inconsistent and is highlighted in red.

Display	Save Back Remove Un Available Activities	ido Redo	E O	xport as Global View Close
»	+     /       Search for     Q       Process Step 1       Process Step 3	+ - 70%	v2	LOGICAL COMPONENT 1
	Process Step 5 Process Step 6 Process Step 7		Process 2	Process Step 1

#### PS linked to IE without reference

#### Process Step 1 is linked to Intermediate Event.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
»» 🔒	-	0	1					
$\diamond$		2	PONENT 1					
$\bigcirc$	+		LOGICAL COMPONENT 1	Proces	s Step 1	Interme	diate event	
$\bigcirc$	70%	O Dincest 2	Ä					
0		Δ.	LOGICAL COMPONENT 2					
æ			LOGICAL (					

Move Process Step 1 to the lane LOGICAL COMPONENT 2.

- $\rightarrow$  Process Step 1 is highlighted in red.
- $\rightarrow$  Intermediate Event is NOT highlighted in red.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
»» 🔒		0						
$\diamond$			PONENT 1					
$\bigcirc$	+		LOGICAL COMPONENT 1			Interme		
$\bigcirc$	70%	Process 2					J	
0			LOGICAL COMPONENT 2	Process	s Step 1			
æ			LOGICAL C					

### PS linked to IE with reference

Process Step 1 is linked to Intermediate Event.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
»» 🔒		0						
$\diamond$			PONENT 1					
$\bigcirc$	+		LOGICAL COMPONENT 1	Proces	s Step 1	Interme	diate event	
$\bigcirc$	70%	Process 2						
0			LOGICAL COMPONENT 2					
æ			LOGICAL					

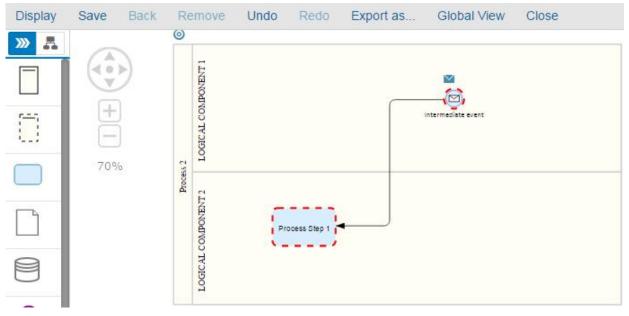
Assign Interface 1 to Intermediate Event.

		OK	Cancel
Interface	Diagram	Default	
Referer	ce and Diagram Assignm	ent	
Interface	<interface 1=""> 🛞</interface>		$\sim$

Display	Save	Back	Remove	Undo Redo	Export as	Global View	Close
»» 📇					0		
			LOGICAL COMPONENT 1		E	4	
	+		COMPO	Process Step 1	Intermet	Jiste event	
	Ē		GICAL (				
	70%	Process 2	2				
		Proc	112				
			LOGICAL COMPONENT 2				
			CON				
			DGICAI				
-			Ă				

Move Process Step 1 to the lane LOGICAL COMPONENT 2.

 $\rightarrow$  Both Process Step 1 and Intermediate Event become inconsistent and are highlighted in red.



Move Process Step 1 back to the lane LOGICAL COMPONENT 1.

→ Process Step 1 and Intermediate Event become consistent and are NOT highlighted in red anymore.



#### Link between PS and IE with reference

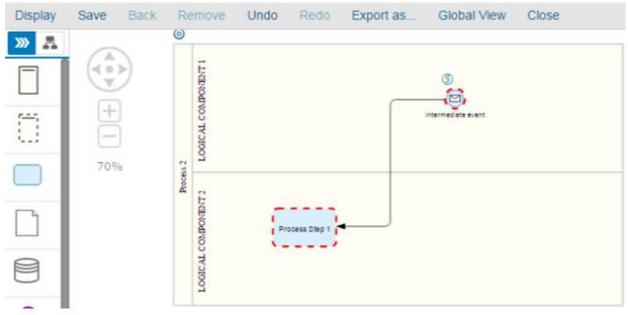
We have the following diagram:

- Process Step 1 is in lane LOGICAL COMPONENT 2.
- Intermediate Event is assigned to Interface 1.



Link Intermediate Event to Process Step 1.

 $\rightarrow$  Intermediate Event become inconsistent and is highlighted in red.



Now, delete the link between Intermediate Event and Process Step 1.

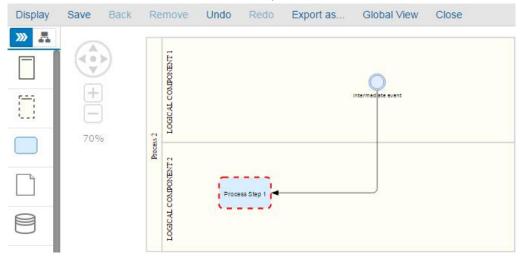
→ Intermediate Event is NOT highlighted in red anymore BUT Process Step 1 stays inconsistent.



## Assign reference to IE

We have the following diagram.

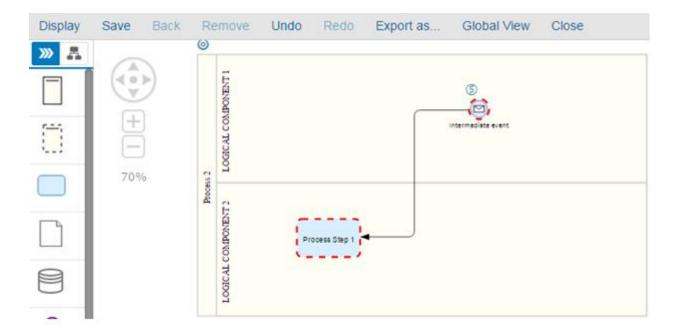
- Process Step 1 is in the lane LOGICAL COMPOENT 2.
- Intermediate event is not assigned to any reference.
- Intermediate Event is linked to Process Step 1.



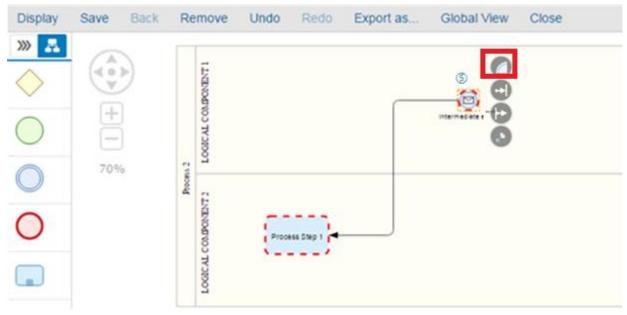
Assign Interface 1 to Intermediate Event.

Interface	<interface 1=""> (8)</interface>	~
Referen	ce and Diagram Assignme	nt
		Defeult
Interface	Diagram	Default

 $\rightarrow$  Intermediate Event Became inconsistent and is highlighted in red.



Now, delete the reference from the intermediate event.



 $\rightarrow$  Intermediate Event become consistent and is NOT highlighted in red anymore.

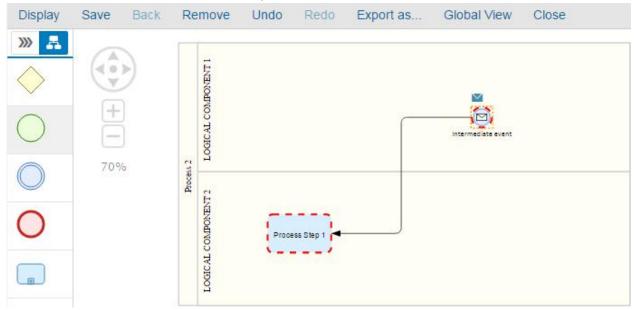
Solution Documentation - Graphical Process Editor

Display	Save	Back	Re	move	Undo	Redo	Export as	Global View	Close
	<b>4</b> • <b>•••••••••••••</b>		Process 2	LOGICAL COMPONENT 1				Intermediate event	
			Proc	LOGICAL COMPONENT 2	Proce	iss Step 1 🕌			

#### Delete PS linked to IE with reference

We have the following diagram:

- Both Intermediate Event and Process Step 1 are inconsistent and are linked to each other.



Remove Process Step 1 from the diagram.

 $\rightarrow$  Intermediate Event become consistent and is NOT highlighted in red anymore.

Display	Save	Back	Re	emove	Undo	Redo	Export as	Global View	Close
»» 🔒		<hr/>	-	1					
$\diamond$		>		LOGICAL COMPONENT I					
~	+	1		COMPO					
$\bigcirc$	Ē	ĵ		GICAL				Intermediate event	
$\bigcirc$	70%	6	cess 2	2					
			Pro	NT2					
0				MPONE					
-				ALCO					
				LOGIC					
		20	Process 2	LOGICAL COMPONENT 2					

#### Create PS from IE context menu

We have the following diagram:

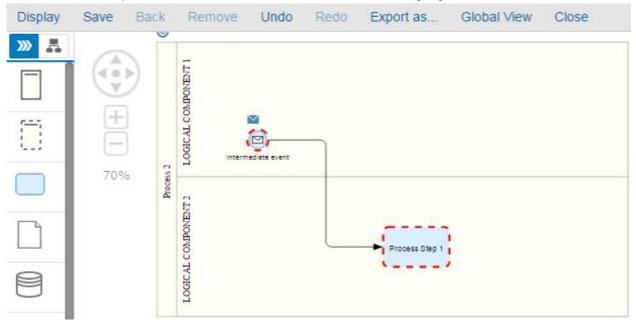
- Intermediate Event is assigned to Interface 1.

Display	Save Back	Re	move Undo Redo Export as Global View Close
»» 🔒			
$\diamond$			
$\bigcirc$	+		Intermediate event
$\bigcirc$	70%	Process 2	
0			LOGICAL COMPONENT 2
æ			LOGICAL

From the context menu of Intermediate Event, add Process Step 1 to the Iane LOGICAL COMPONENT 2.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close
»» 🔒				0				
		>	LOGICAL COMPONENT	0				
5-5	+		COMP	<u> </u>				
	-	)	OGICAI					
	70%	Drocess 2		0				
		A.						
			LOGICAL COMPONENT	0				
8			BICAL O					
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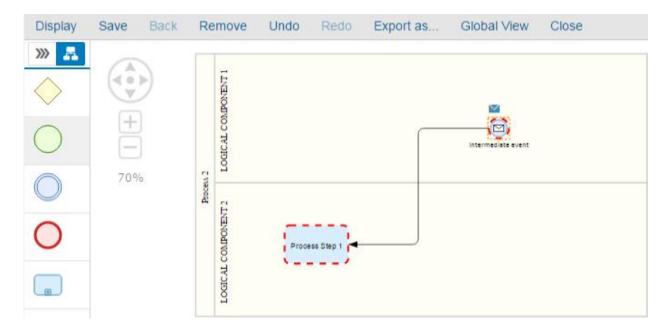
 $\rightarrow$  Both Process Step 1 and Intermediated are inconsistent and are highlighted in red.



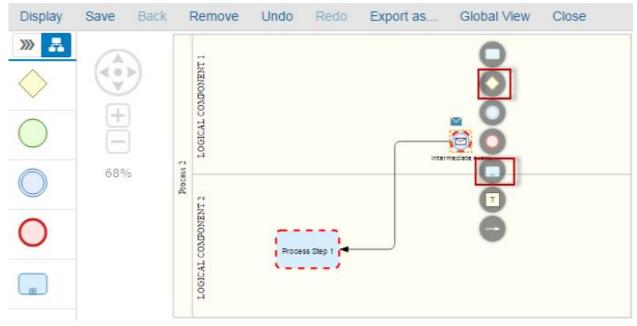
#### Add Sub-Process or Gateway

We have the following diagram:

- Both Intermediate Event and Process Step 1 are inconsistent and are linked to each other.



From the context menu of Intermediate Event, add a sub-process or a gateway.



 $\rightarrow$  Intermediate Event is not linked directly to Process Step 1 so it's not inconsistent anymore.



## **Diagram Navigation**

In this section, you how to navigate between diagrams. Proceed as follows: Log on to your system. Enter the solution administration Select a solution. Select a branch. From the Solution Documentation tab click Open.

#### From the solution documentation open a diagram.

Display	Save	Back	Remove	Undo	Redo	Export as	Global View	Close		
»» 🗸	-									0
		>)						Р	Process 2	_
	(+	í						Par	rticipant 0	
						$\bigcirc$				
	76%					Start Event				
9										
0										

Click on the (icon.

A list of existent diagrams is displayed.

 $\rightarrow$  All the diagrams available under the process in the solution documentation are displayed.

splay	Save	Back	Remove	Undo	Redo	Export as	Global View	Close		۵
	-						Referenced	d Objects of	f Business Process	
D	escriptio	n								Name
V	ertical-by	System	- DM							Vertical-by System- DM
P	rocess D	ia <mark>g</mark> ram 2	2							Process Diagram 2
P	rocess D	iagram								Process Diagram
		0.052								

Click on a diagram name from the list. The new diagram is open.

Edit Save B	ack Remove	Undo Redo E	Export as Global View	Close
			Process 2	ĭ
+ - 76%		51	LOGICAL COMPON tart Event Process Step 1 Process Step 2	JENT 1

## Value Chain Diagram

In this section, you learn more about the value chain diagrams. Proceed as follows: Log on to your system. Enter the solution administration Select a solution. Select a branch. From the Solution Documentation tab click Open.

From the solution documentation, click on the Graphical Browser.

Column Browser	Graphical Browser	List	Search Result	Where-Used List	
☆, 🕞 🚥 Solu	ution				
	· · · ·				
Business Proces	ses				
📄 Libraries					

#### The value chain diagram opens.

	ion			
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The same representation available in the column browser is available in the graphical browser.

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### **Business Process Diagram**

In this section, you learn how to create a complete business process diagram

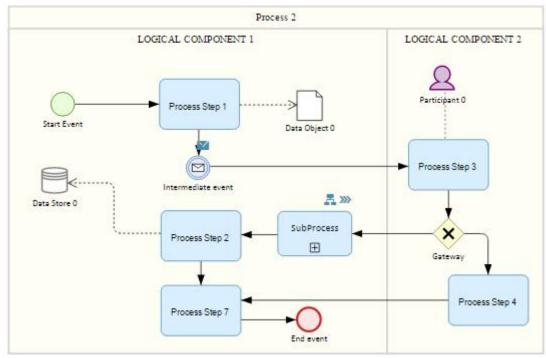
Proceed as follows:

Log on to your system.

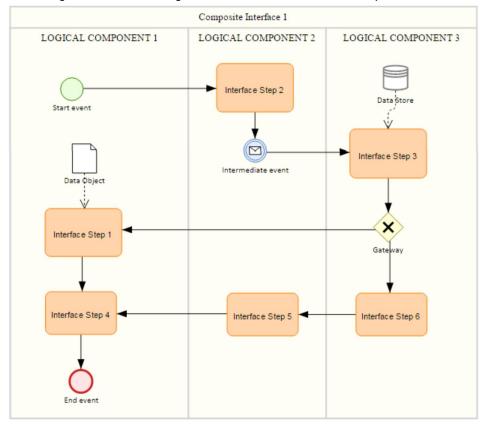
Enter the solution administration

Select a solution. Select a branch. From the Solution Documentation tab click Open.

Create a general Vertical Business Process Diagram by System in order to see different shapes and behaviors.



Create a global Horizontal Business Process Diagram by Role in order to see different shapes and behaviors.



#### Create a global Interface Diagram in order to see different shapes and behaviors.

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