## **Persisting Data**

In Scheer PAS Designer you have two options to store incoming data in your execution diagram:

- Store data to a Local variable.
- Contents of local variables are only available within the current execution.
- Store data to a **Persisted** variable. Contents of persisted variables are available in all executions of the current BPMN model.

This page explains how to persist data in the Designer, and how to use the persisted data in an execution model.

### How to Persist Data

If you want to persist the contents of a variable, you need to create a persisted variable, first.



Drag a type from your data model (stored in folder Imple mentation) , and drop it to section P ersisted on the execution pane.

 $\odot$ 

Settings

On this Page:



Persisted 🔽	By default, the name of a persisted variable is derived from its type.
Enter text         Id: String	Youcanchangethenameofpersistedvariablestooneofyourownchoicebydouble-clickin



### Persisted Variable with Default Value

A default value can be changed for every deployed service. Depending on your deployment target, you can change the value in the PAS Administration or in the integration component (Bridge).

Container
Deployment

timeout	× 🗆 B	pert Mode		Edite	d:0/8
Category	Section	Key	Current Value	Default	/alue
Global Settings	Settings / Deployment Macros	Tutorial1::timeout:	String 180	े 180	

When the service has been deployed successfully, use button Administration in the deploymen t controls Go to section **Co nfiguration** and use the filter to search for the value you want to change. A Pleas e note: • s а v **e** is o nl y e n a bl e d w h е n c h a n g s h a v e b e e n m a d e.

ClickingSavetriggersarestart, changesintheConfigurationsectionaredirectlyapplied to the service.

 $\odot$ 

#### Tutorial\_1

xUML Service Documentation History Logging Dump Settings Version Persistent State Status

5	Settings / Deployment Macros View		Export as CSV (charset=CP1252)		
iow 10 v entries			Filter:		
Key	<b>^</b>	Current Value	Original Value in Model		
RPOrderInterface (Lib): DebugSettings::Enable Library Lo	ogs:	false	false		
RPOrderInterface (Lib): ERPOrd .imit:	ier::Order	1000	1000		
getCompositeName:		Tutorial_1	Tutorial_1		
Futorial1::autoRetry:		false	false		
futorial1::autoRetryTime:		PT60S	PT60S		
Futorial1::holdTime:		PTOS	PTOS		
futorial1::timeout:		180	180		
		Changed values are displayed i	n bold. Type { to get a list of variables.		



Integration (Bridge) Deployment

When the service has been deployed successfully, use button Administration in the deploymen t controls to open the service in the integration component.

You can change the default values in the **Sett ings** tab.



# Using Persisted Data

Persisted Enter text employeeName: String id: String idea: Idea personnelNucer: String	You can access all available persisted variables via section <b>Persisted</b> . Click on the ● icon to display the list of available persisted variables.
Persisted - id id: String idea: Idea	You can use the search to narrow down the content of the list. Select the variable
	you need to use.
Idea:   Idea1: Idea	On ce a variable is defined a stobe <b>per si sted</b> , it is a vaiable in al be

x e c u ti o n s t h r o u g h o u t t h e B P M N m o d el. If youd ragout thesametypeagain , a s e c o n d p e rs is t e d v a ri a b e is cr e

a ted that is independent of the first. A consecutive number is appended to the name automatical yas variab

