

Analyzing Extracted Business Process Data with ARIS PPM

This chapter assumes you have performed the installation and the configuration steps described under *Creating a Working Environment*. It describes the following steps:

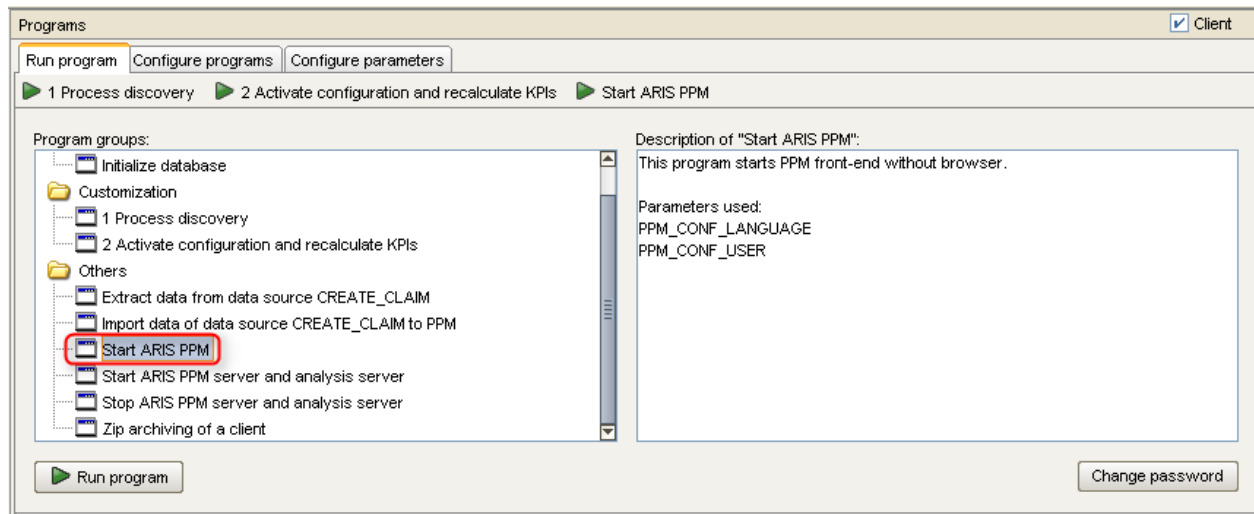
- Step 1: Copy Source System Data
 - Step 2: Start the PPM GUI
 - Step 3: Activate the Program to Export Attributes
 - Step 4: Start the Wizard to Add a one-level Dimension
 - Define and Register KPIs
 - Activate Configuration and Recalculate KPIs
 - Restart ARIS PPM
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Step 1: Copy Source System Data

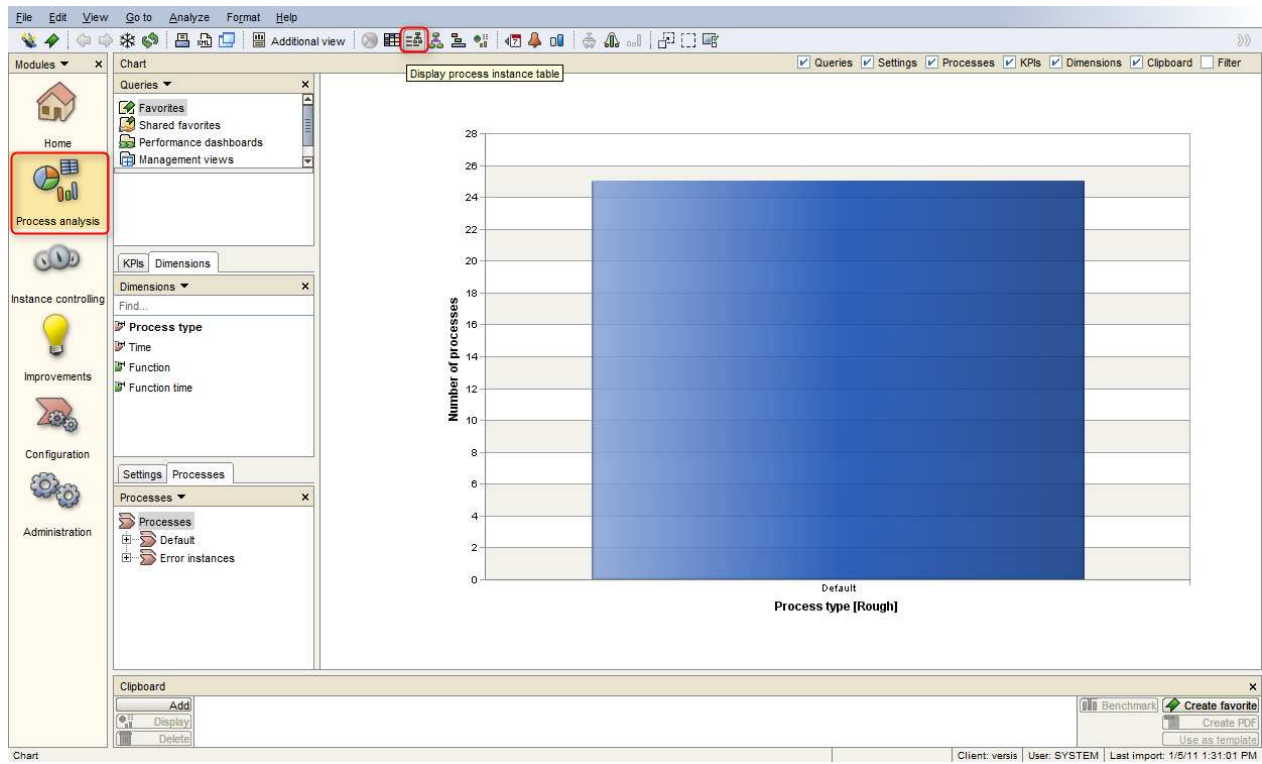
Copy your source system XML data files (as provided by the extractors) to the folder `%PPM5_HOME%\<new client name>\data\PROCESS_STEP`, where *<new client name>* represents the name of the client you created initially. In our example this is: `%PPM5_HOME%\ppm4sales\data\PROCESS_STEP`.

Step 2: Start the PPM GUI

Start the PPM GUI.



The analysis shows the standard evaluation for the imported processes. Switch to the process instance view.



Select a row in the process view to display an individual process instance.

Default		
Process type [Rough]	Process identification	Number of processes
Default	200700471100030	1
Default	200700471100031	1
Default	200700471100032	1
Default	200700471100033	1
Default	200700471100034	1
Default	200700471100035	1
Default	200700471100036	1
Default	200700471100037	1
Default	200700471100038	1
Default	200700471100039	1
Default	200700471100040	1
Default	200900471100001	1
Default	201000471100001	1
Default	201000471100002	1
Default	201000471100003	1
Default	201000471100004	1
Default	201000471100005	1
Default	201000471100006	1
Default	201000471100007	1
Default	201000471100008	1
Default	201000471100009	1
Default	201000471100010	1
Default	201000471100011	1
Default	201000471100012	1
Default	201000471100013	1

EPC Attributes Functions Flow chart Resources

```

graph TD
    Start{{Start}} --> CreateClaim[CREATE_CLAIM]
    CreateClaim --- EDS((EDS))
    CreateClaim --- Duration1[03/07/07 0:00:00]
    CreateClaim --> End1{{End}}
    End1 --> CreatePayment[CREATE_PAYMENT_DOCUMENT]
    CreatePayment --- LSZ((LSZ))
    CreatePayment --- Duration2[04/07/07 0:00:00]
    CreatePayment --> End2{{End}}
    
```

generated by
ARIS PPM

Display the attributes of an individual object in the process instance.

Default		
Process type [Rough]	Process identification	Number of processes
Default	200700471100030	1
Default	200700471100031	1
Default	200700471100032	1
Default	200700471100033	1
Default	200700471100034	1
Default	200700471100035	1
Default	200700471100036	1
Default	200700471100037	1
Default	200700471100038	1
Default	200700471100039	1
Default	200700471100040	1
Default	200900471100001	1
Default	201000471100001	1
Default	201000471100002	1
Default	201000471100003	1
Default	201000471100004	1
Default	201000471100005	1
Default	201000471100006	1
Default	201000471100007	1
Default	201000471100008	1
Default	201000471100009	1
Default	201000471100010	1
Default	201000471100011	1
Default	201000471100012	1
Default	201000471100013	1

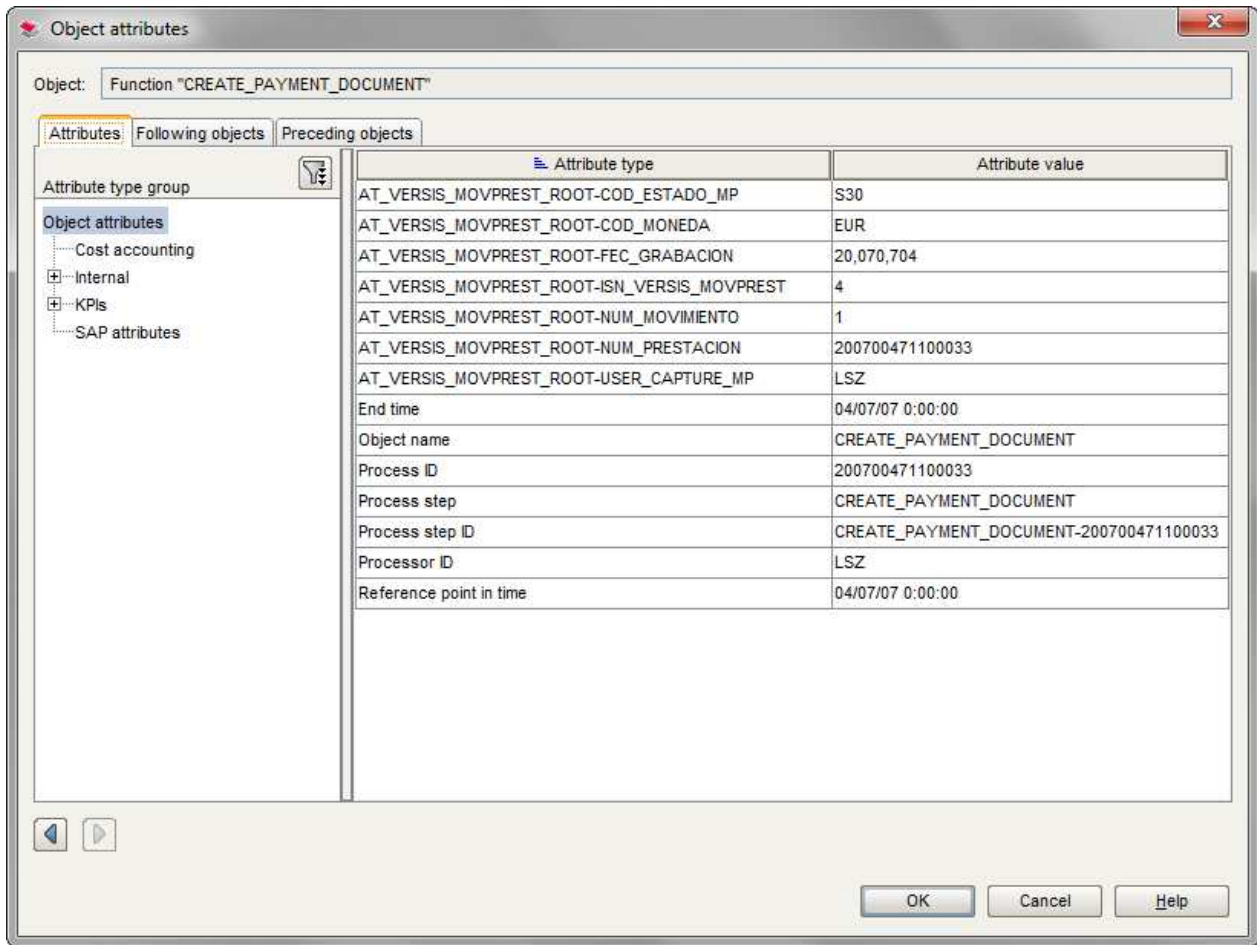
EPC Attributes Functions Flow chart Resources

```

graph TD
    Start{{Start}} --> CreateClaim[CREATE_CLAIM]
    CreateClaim --- EDS((EDS))
    CreateClaim -- "03/07/07 0:00:00" --> End1{{End}}
    End1 --> CreatePaymentDoc[CREATE_PAYMENT_DOCUMENT]
    CreatePaymentDoc --- Analyze((Analyze))
    CreatePaymentDoc -- "04/07/07 0:00:00" --> End2{{End}}
    
```

generated by
ARIS PPM

Attributes of the function "CREATE_PAYMENT_DOCUMENT".



Step 3: Activate the Program to Export Attributes

In the CTK, activate the program to export the attributes from PPM.

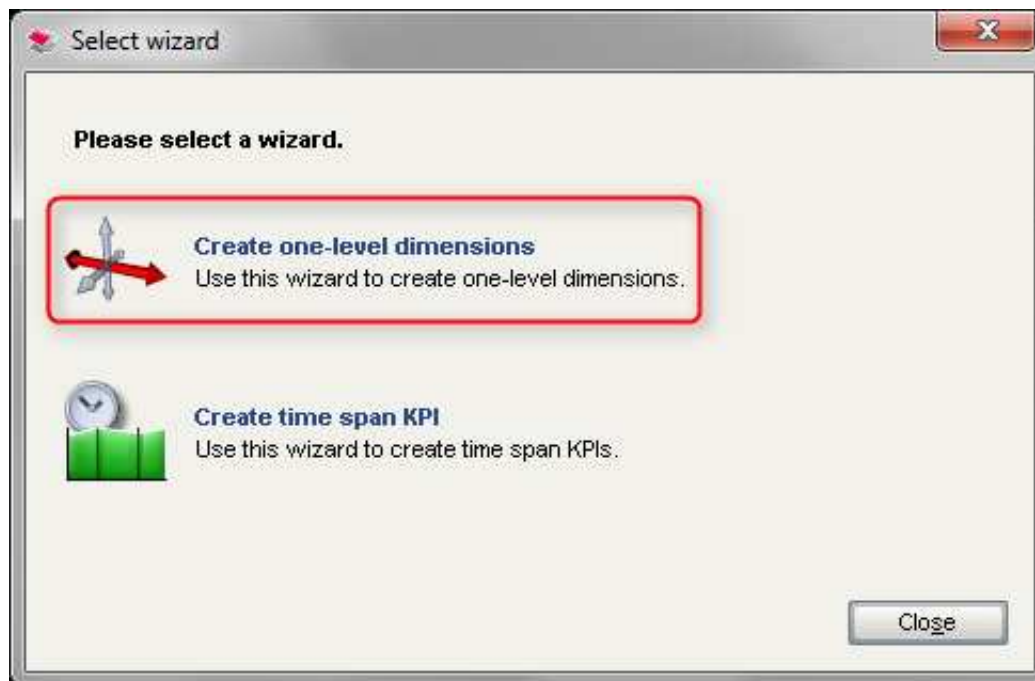
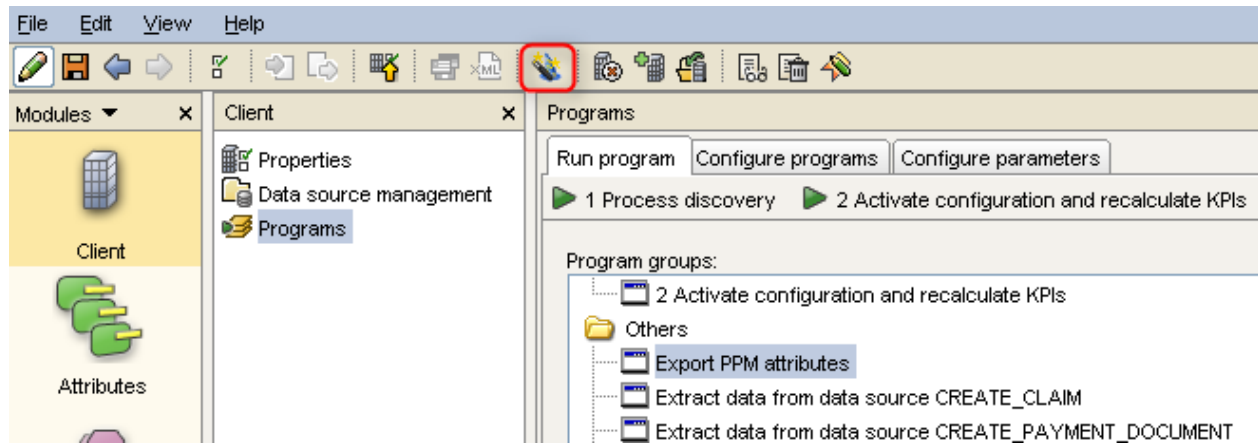
Programs						<input checked="" type="checkbox"/> Client
Run program						
Display	File name	Waiting for program exit	Password required	Program group	Name [en]	
<input type="checkbox"/>	activate_attributes.bat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Activate configuration of...	
<input type="checkbox"/>	activate_ki.bat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Activate configuration 'K...	
<input type="checkbox"/>	activate_merge.bat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Activate configuration of...	
<input type="checkbox"/>	activate_new_attributes...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		activate_new_attributes...	
<input type="checkbox"/>	activate_ptree.bat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Activate configuration of...	
<input checked="" type="checkbox"/>	activate_ptree_and_reca...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Customization	2 Activate configuration ...	
<input type="checkbox"/>	activatecockpit.bat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Activate cockpit files	
<input type="checkbox"/>	anonymize_orgunits.bat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Anonymize organization...	
<input type="checkbox"/>	createdocu.bat	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Create client documentati...	
<input type="checkbox"/>	createfuncdocu.bat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Create client documentati...	
<input type="checkbox"/>	createtechdocu.bat	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Create technical client do...	
<input type="checkbox"/>	dimdataimport_csv.bat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Import dimension data in ...	
<input type="checkbox"/>	dimdataimport_xml.bat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Import dimension data in ...	
<input checked="" type="checkbox"/>	exportattributes.bat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Export PPM attributes	
<input type="checkbox"/>	exportattributes.bat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Export PPM configuration	

Start exporting the attributes. The PPM attributes created by importing the data are exported and can be used later when configuring in the CTK.

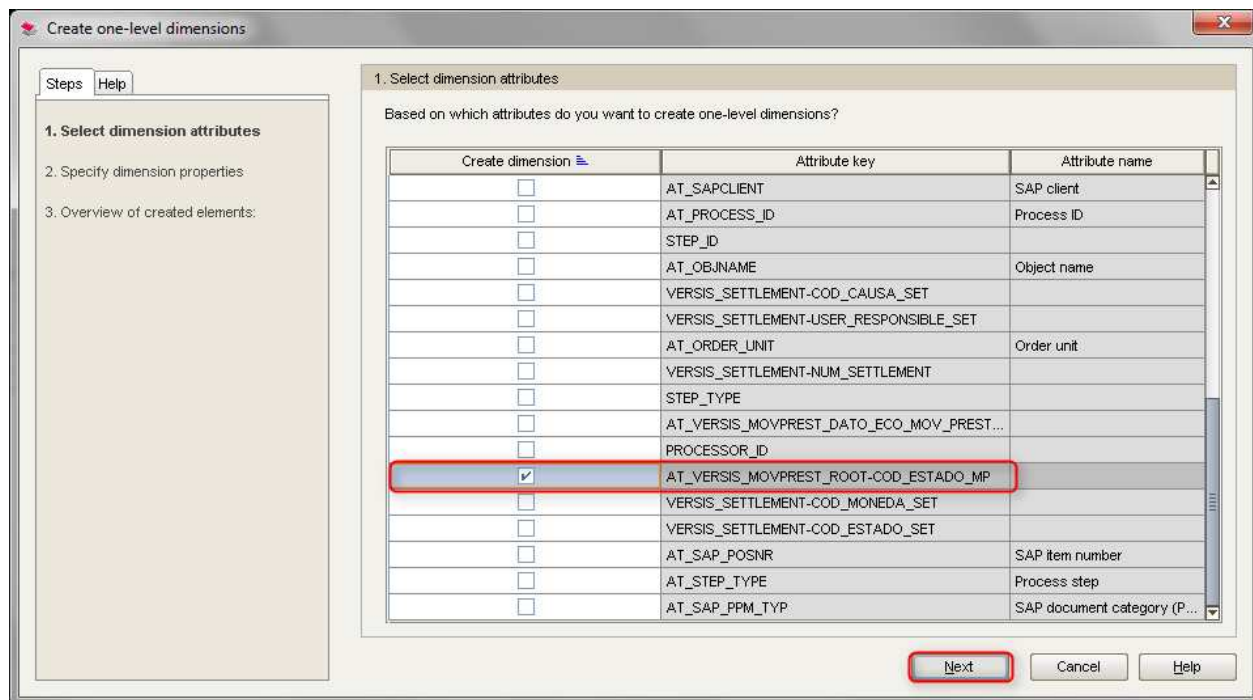
Programs		<input checked="" type="checkbox"/> Client
Run program Configure programs Configure parameters		
▶ 1 Process discovery ▶ 2 Activate configuration and recalculate KPIs ▶ Start ARIS PPM		
Program groups: <ul style="list-style-type: none"> 2 Activate configuration and recalculate KPIs Others <ul style="list-style-type: none"> Export PPM attributes Extract data from data source CREATE_CLAIM Extract data from data source exportattributes.bat to PAYMENT_DOCUMENT Import data of data source CREATE_CLAIM to PPM Import data of data source CREATE_PAYMENT_DOCUMENT to PPM Merge processes and calculate KPIs Start ARIS PPM Start ARIS PPM server and analysis server Stop ARIS PPM server and analysis server 	Description of "Export PPM attributes": This program exports PPM attributes to the PPM_CONF_EXPORTPATH directory. Attribute names are not exported. By default, the PPM_CONF_EXPORTPATH XML directory of the client configuration is set, i.e. the existing configuration data is overwritten when exporting. Parameters used: PPM_CONF_LANGUAGE PPM_CONF_USER PPM_CONF_PROTOCOL_INFO PPM_CONF_PROTOCOL_WARNING PPM_CONF_PROTOCOL_ERROR	
<input checked="" type="button" value="Run program"/>	<input type="button" value="Change password"/>	

Step 4: Start the Wizard to Add a one-level Dimension

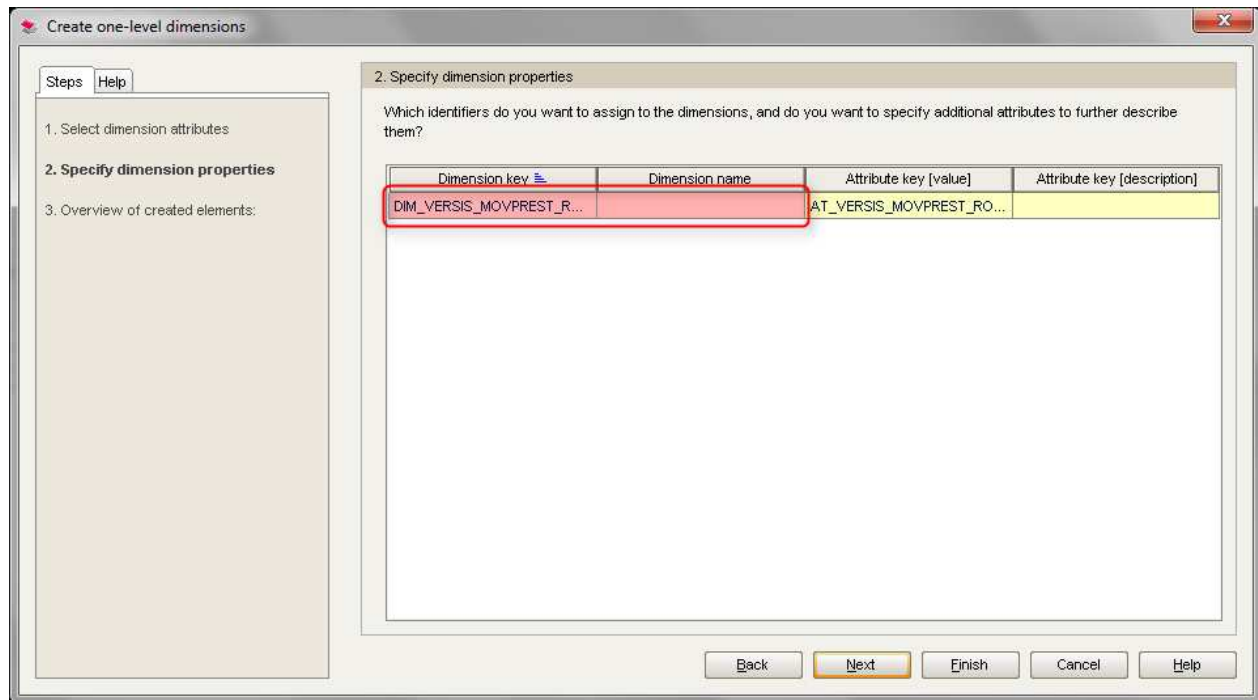
Start the wizard to add a one-level dimension.



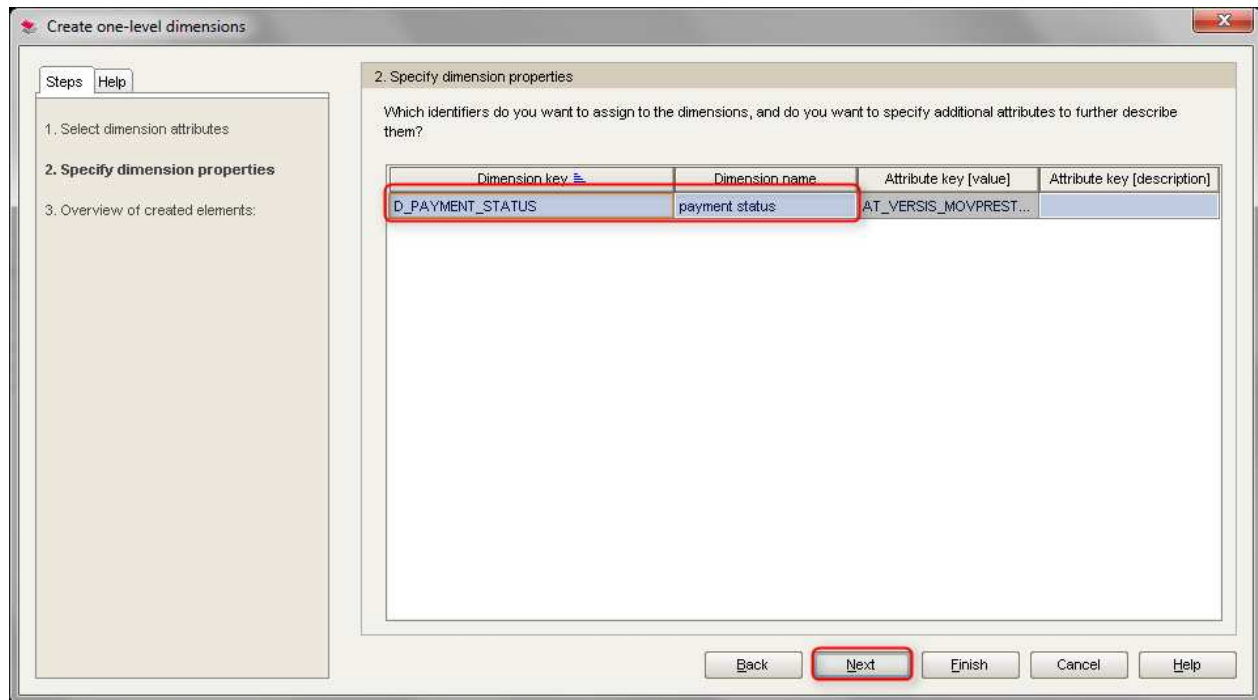
Add a new PPM dimension for an attribute that was imported from a source system event.



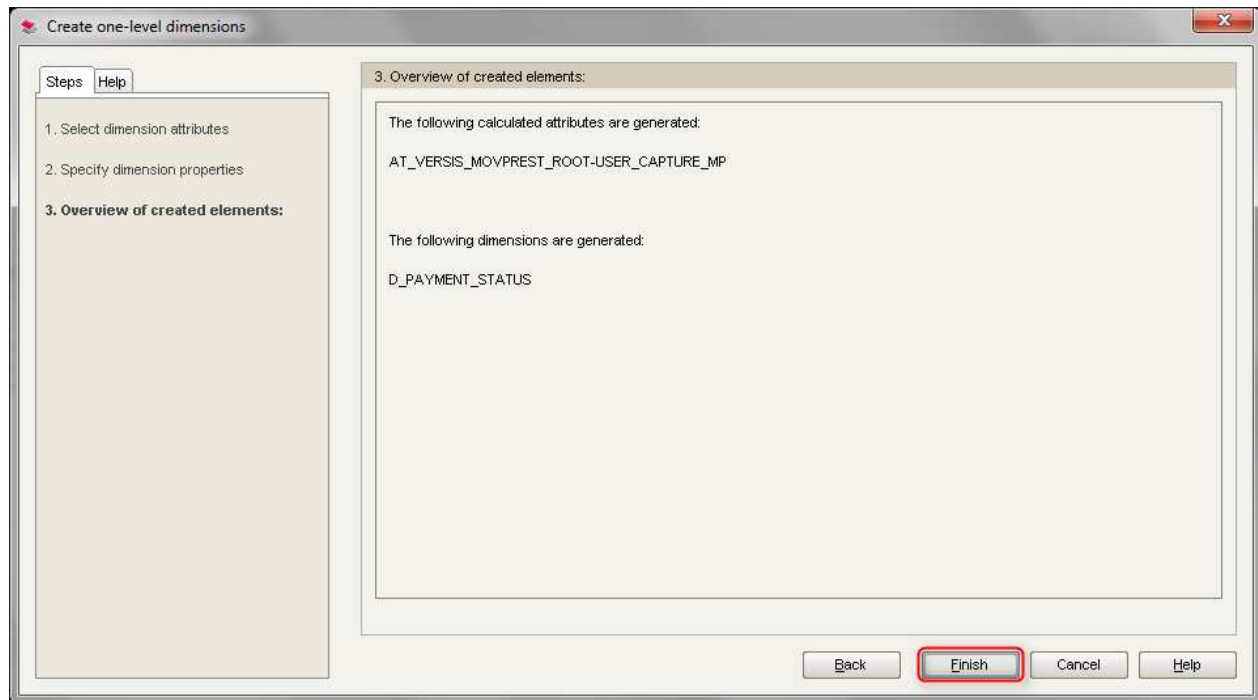
The attribute name is longer than maximum length of the dimension key (30 chars), and therefore the line is marked as an error (red).



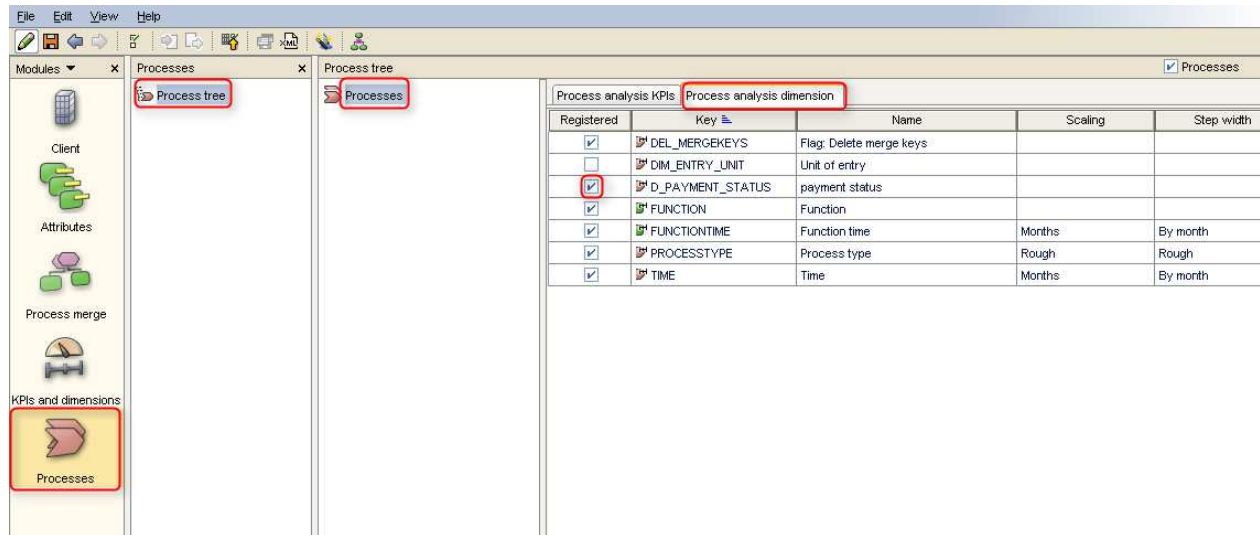
Select a short description for the dimension key and enter a descriptive dimension name to correct the error.



Configure the dimension.



In the process tree, activate the dimension for the process types for which the dimension is to be calculated.

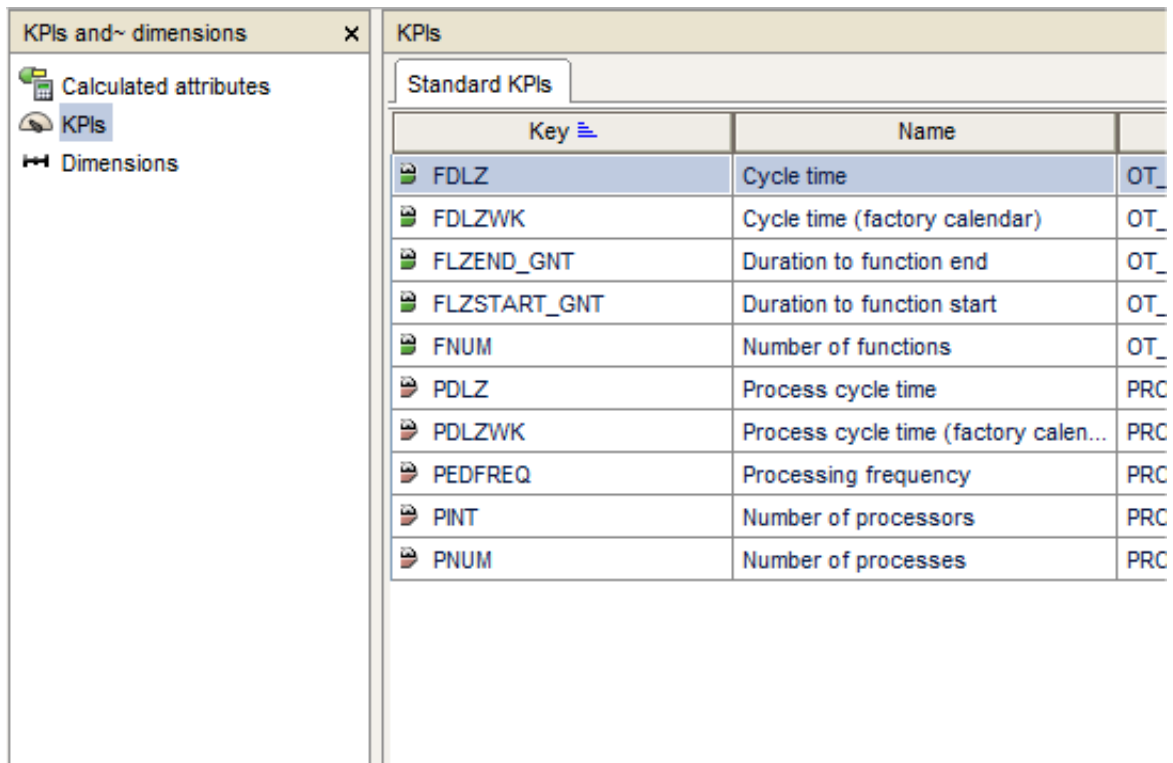


Define and Register KPIs

1. Switch to the KPIs and dimensions module.



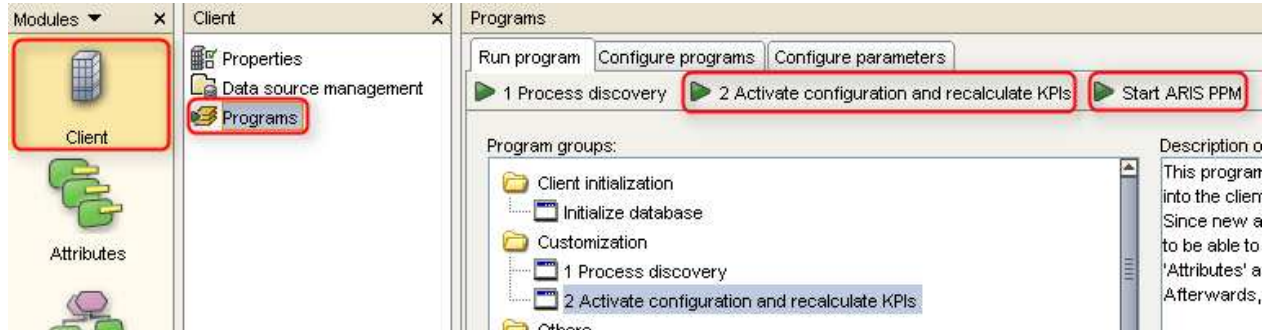
2. In the KPIs and dimensions node select KPIs and switch to the Standard KPIs tab.



3. Register the KPIs at the process tree.

Activate Configuration and Recalculate KPIs

Activate the modified configuration and start the new calculation.



Restart ARIS PPM

1. Restart ARIS PPM.
2. Use the newly defined dimensions and KPIs for process analysis in PPM.

