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Process Repository Client (PRC)

The Process Repository Client (PRC) was developd to keep track of individual processes and different versions of their deployment. Older versions can be recovered and used again without too much effort. Furthermore, a history of changes implemented since the last version is documented by the PRC. The latter feature is meant to provide an overview and enables a swift and effective reaction to a broad range of customer needs.

 8D Problem Solving 	Process: 8D Prob	lem Solving - Version 17 (Reado	nly) 6	7	8	9	
Version 17 Version 16 Version 15 Version 15 Version 14 Version 13	Published 11/2 Version 17	4/2014 5:35 PM Restore 2 butes 2	Model	Description	Smartform	Sections	
BPD1	Name	Value					- IT
Demand and Change	Name	8D Problem Solving					
Management	Version	17					
	Designer	John Doe(6228)					
Special request	Deployer Expr	group(TIM Wiki Deployer)					
THE WEEK Designed	Owner Expr	group(TIM Wiki Deployer)					5
TIM WIKI Prozess	Starter Expr	group(TIM Wiki Deployer)					
Wiki Approval Component 1	Count Critical						
	Keen Buffer						
	Repository managed						
	Modeller	iGrafx					
	Model Version						
		4					
		Save					

1	process a drop-down menu appears which provides a list of different versions of a process. By selecting a version an information box will show up on the left-hand side of the screen.
2	The date of deployment and the version number will be shown if an individual version is selected. The version number will always be automatically updated. Additionally, a function is included which makes it possible to restore a selected older version of the process. As depicted in Field 1 , versions which already have been deployed in the past are marked by a green checkmark-symbol and are assigned read-only status.
3	This drop-down menu provides a list of all attributes being used in the process. By selecting an attribute the corresponding properties will show up beneath the drop-down menu. In addition, all the Swimlanes of the process model will be listed.
4	This area provides a list of information about all selected attributes from Field 3 . This also entails information on the name and the value of each attribute. Information regarding the deployer and the owner as well as the starter and the name of the user who created this version will also be provided if the option "General Process Attributes" has been selected from the drop-down menu.
5	This field contains elements like the actual process model, descriptions, Smartforms and sections. The corresponding information will be provided by clicking on any desired tab.

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Element	Description
6	The tab Model depicts a comprehensive overview of the process model of a paticular version.
	Description offers a concise description of a version's process.
7	Model Description Smartform Sections <section-node-mapping> <node_from_the_process'> <section_nome="10_of_the_section_from_the_smartform"> <section_nome="10_of_the_section_from_the_section"> <section_nome="10_of_the_section_from_the_section"> <section_nome="10_of_the_section_from_the_section"> <section_nome="10_of_the_section_from_the_section"> <section_nome="10_of_the_section_from_the_section"> <section_nome="10_of_the_section_from_the_section"> <section_nome="10_of_the_section_from_the_section_from_the_section"> <section_nome="10_of_the_section_from_the_section_from_the_section_from_the_section"> <section_nome="10_of_the_section_from_t< td=""></section_nome="10_of_the_section_from_t<></section_nome="10_of_the_section_from_the_section_from_the_section_from_the_section"></section_nome="10_of_the_section_from_the_section_from_the_section"></section_nome="10_of_the_section_from_the_section"></section_nome="10_of_the_section_from_the_section"></section_nome="10_of_the_section_from_the_section"></section_nome="10_of_the_section_from_the_section"></section_nome="10_of_the_section_from_the_section"></section_nome="10_of_the_section_from_the_section"></section_nome="10_of_the_section_from_the_smartform"></section_nome="10_of_the_section_from_the_smartform"></section_nome="10_of_the_section_from_the_smartform"></section_nome="10_of_the_section_from_the_smartform"></section_nome="10_of_the_section_from_the_smartform"></section_nome="10_of_the_section_from_the_smartform"></section_nome="10_of_the_section_from_the_smartform"></section_nome="10_of_the_section_from_the_smartform"></section_nome="10_of_the_section_from_the_smartform"></section_nome="10_of_the_section_from_the_smartform"></section_nome="10_of_the_section_from_the_smartform"></section_nome="10_of_the_section_from_the_smartform"></node_from_the_process'></section-node-mapping>
	The tab Smartform gives access to the source code of this Smartform which is embedded
	Model Description Smartform Sections
8	<pre></pre> <pre> </pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <</pre></pre></pre></pre></pre></pre></pre>
	in the process.
	Sections shows definitions pertaining to Section Handling, which have been already
	established at the stage of process modelling.
	Model Description Smartform Sections
9	<section-node-mappings <node-mapping name="Name_of_a_node_from_the_process"> <section name="D_0 fthe_Section_from_the_smartform"> <read assignment=""></read> <sreat assignment=""></sreat> <section> </section></section></node-mapping> </section-node-mappings

Restoring

Process: 8D Proble	em Solving - Version 17 (Reado
Ceneral Process Attrib	/2014 5:35 PM Restore
Name	Value
Name Version	8D Problem Solving 17
Deployer Expr	group(TIM Wiki Deployer)
Starter Expr	group(TIM Wiki Deployer)
Count Critical Keep Buffer	
Repository managed	
Modeller	iGrafx
Model Version	
	Process: 8D Proble Published 11/24 Version 17 General Process Attrib Name Name Version Designer Deployer Expr Owner Expr Starter Expr Count Critical Keep Buffer Repository managed Modeller Model Version

After having selected the desired version which is supposed to be restored, a new version will be generated by the PRC after clicking on the button "Restore". This newly generated version will be assigned the next consecutive version number in line. The new version can then be edited by any user due to the fact that at this stage it is has not been properly deployed yet, which in turn means that it will not have the status of read-only. Within the PRC it is possible to edit a version in the same way as using the corresponding tool for modelling.

Editing

The following section describes how the process can be changed in a simple and quick way by using the PRC:

Deployer, owner and starter

Version 19 Version 19 Version 19 Version 18 Version 18	Published Version 19 General Process Attri	Publish
BPD1	Name	Value
	Name	8D Problem Solving
Demand and Change Management	Version	19
Management	Designer	John Doe(6228)
Special request	Deployer Expr	group(TIM Wiki Deployer)
	Owner Expr	group(TIM Wiki Deployer)
TIM Wiki Prozess	Starter Expr	group(TIM Wiki Deployer)
Wiki Approval Component	Count Critical	V
	Keep Buffer	
	Repository managed	
	Modeller	iGrafx
	Model Version	

By clicking on a restored version which has not yet been deployed, the three main assignments of a process can be changed: (1) deployer (who is authorized to deploy the current process?), (2) owner (who is the person owning this process?) and (3) starter (who is entitled to start this process?).

Model, description, Smartform and section

Model	Description	Smartform	Sections	
t 1	Werefy 6 Granulie fre Politier		Contex for When York	Constant Actions of Consta

Model

The model itself can't be changed with regard to its form. But, what can be changed are settings for certain tasks and activities. Individual tasks can be selected by accessing them via the process model or, alternatively, via the drop-down menu (please refer to the corresponding section above for more information!).

- Tasknode
- 1. <u>Model</u>: Field **1** and Field **3** demonstrate how to access a Tasknode. This can be done either directly via the process model itself or alternatively via the drop-down menu. Field **2** shows where exactly the duration of each node can be changed.



 Description: This field remains empty as long as there is no suitable description available for this particular node. But it is possible to add a description at any time if desired. In case that a description is already existing it can either be edited and changed or completely deleted at one's discretion.

ublished	Publish	Model	Description	Events Tasks
Version	19	Description	of something imp	ortant
Identify & De:	scribe the Problem	•		
Name	Value			
Name Id	lentify & Describe the Problem			
Duration 1	00			

3. **Events:** In case that there are some events already existing they will be listed in Field **1**. Otherwise, new events can be created by clicking on the Field **2**.

Publishe Version	Publish 19	A	Add Event 2	ription Events	Tasks			
Identify &	Describe the Problem	-	Event Type	Action Name	Action Class	Parameters	Act	tions
Name	Value	n	ode-enter 🕶	VariableSetter	com dooris.bpm.actionhandle	\${id}_\${processname}=	Save	Delete
Name	Identify & Describe the Problem	n	ode-leave -	MandatoryCheck	com dooris bpm actionhandle	name,id,email,date,des cription	Save	Delete
Duration	100							
		Save						1

4. **Tasks:** All existing tasks will be listed in Field **1** where they are also accessible for further editing. New tasks can be added at any time by clicking on the corresponding button in the Field **2**.

Publishe	ed Publish 19	Add Task 2	Events Tasks			
dentify &	Describe the Problem	Task name	Role Assignment	Description	Links	Actions
Name	Value Identify & Describe the Problem	Identify & Describe the Proble		identify, describe and document the problem in the form.		Save Delete
uration	100	quarantine the affected pieces	group(TIM Wiki Tester)			Save Delete

Mailnode

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1. **Model:** By selecting a particular mailnode the duration can sustantially be changed.

Version 19 mail concerning commercial closure	Technical	Email	Commercial Closure?
Name Value ame Email concerning commercial closure	Close the SCAR	commercial	Commercial ne
uration 0			

 Events: All existing tasks will be listed in Field 1 where they are also accessible for further editing. New tasks can be added at any time by clicking on the corresponding button in the Field 2.

Model Eve	nts Mail Configur	ration		
Add Event 2				1
Event Type	Action Name	Action Class	Parameters	Actions

 Email Parameter: All relevant settings for sending e-mails can be arranged and changed by accessing this particular tab.

Model	Events Mail Configuration
То	group(TIM Wiki Tester)
сс	
BCC	
Subject	Concerning commercial closure \${processID}
	Email content

- Swimlane
- <u>Model</u>: This displays the name and the assignment for each Swimlane. Even though the name of each Swimlane cannot be changed this does not apply in the same exact way with regards to the actual assignment. In contrast to the above mentioned mailnodes, a Swimlane can only be selected via the drop-down menu and not by trying to access the process model.



 Description: A description for a corresponding Swimlane can be entered and/or changed in this field.

Published Version	Publish 19	Model Description Here you can describe something
Issuer		
Name	Valu	
Name	lssuer	
Assignee Expr	group(issuer)	

Publishing

The changed process has to be reintegrated into T!M after all changes have been applied. This can effectively be done by clicking on the button "Publish". In contrast to the normal procedure of deployment further login information (user + password) is not required due to the fact that the user is already logged in to the PRC with his own individual account. A simple click is therefore sufficient to start this procedure.

 8D Problem Solving 		Process: 8D Problem Solving - Version 19		
Version 19	~			
Version 19		Published Publish		
Version 19		Version 19		
Version 18				
Version 18	*	General Process Attributes	•	

After the publication is finished a green-colored check mark will indicate if this latest version has successfully been integrated into T!M. In addition, the date and the exact time of publication will be shown. This version again will afterwards have read-only status assigned.

