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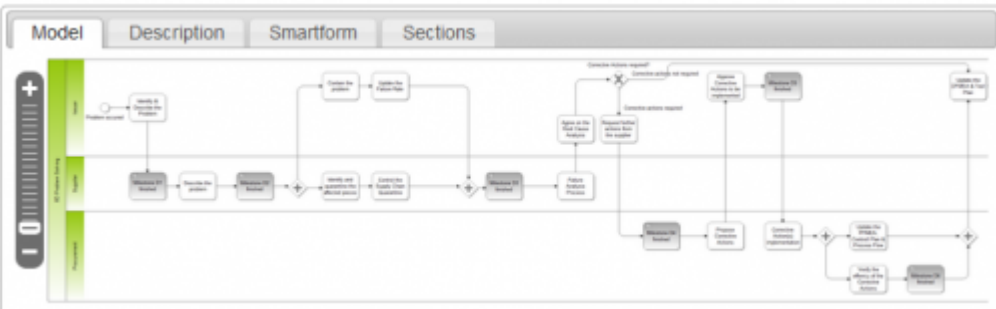
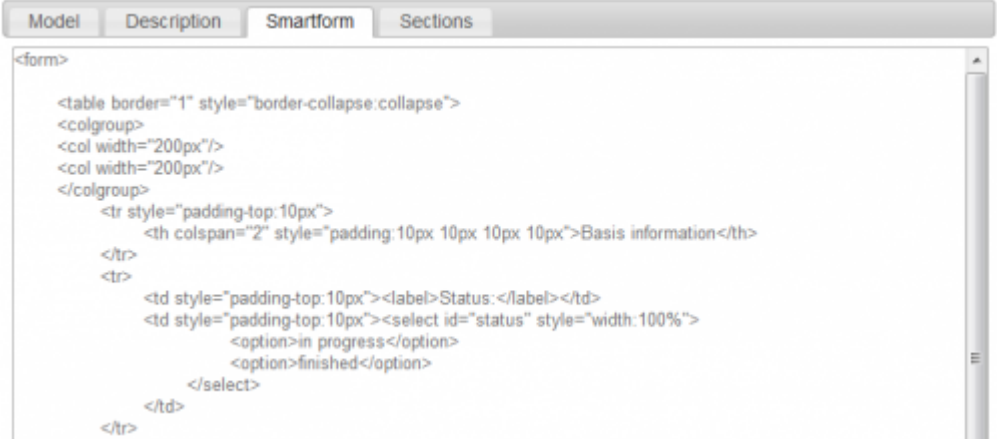
Process Repository Client (PRC)

The Process Repository Client (PRC) was developed 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.

The screenshot displays the Process Repository Client (PRC) interface. At the top, the TIM logo and user information (John Doe, English) are visible. The main interface is divided into several sections:

- Left Sidebar (1):** A tree view showing the hierarchy of processes, including '8D Problem Solving' and its sub-processes.
- Top Panel (2):** Displays the selected process '8D Problem Solving - Version 17 (Ready)' with its publication date and a 'Restore' button.
- General Process Attributes (3):** A dropdown menu showing various attributes like 'Name', 'Version', 'Designer', etc.
- Attribute List (4):** A table showing the values for the selected attributes, such as 'Name: 8D Problem Solving', 'Version: 17', 'Designer: John Doe(6228)', etc.
- Process Model (5):** A diagram showing the process flow, including swimlanes and activities.

Element	Description
1	A list of all the different processes is provided in this section. By clicking on a specific 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.

Element	Description
6	The tab Model depicts a comprehensive overview of the process model of a particular version. 
7	Description offers a concise description of a version's process. 
8	The tab Smartform gives access to the source code of this Smartform which is embedded in the process. 
9	Sections shows definitions pertaining to Section Handling, which have been already established at the stage of process modelling. 

Restoring

Process: 8D Problem Solving - Version 17 (Readonly)

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Version 17 **Restore**

General Process Attributes

Name	Value
Name	8D Problem Solving
Version	17
Designer	John Doe(6228)
Deployer Expr	group(TIM Wiki Deployer)
Owner Expr	group(TIM Wiki Deployer)
Starter Expr	group(TIM Wiki Deployer)
Count Critical	☒
Keep Buffer	☐
Repository managed	☐
Modeller	iGrafx
Model Version	

Save

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

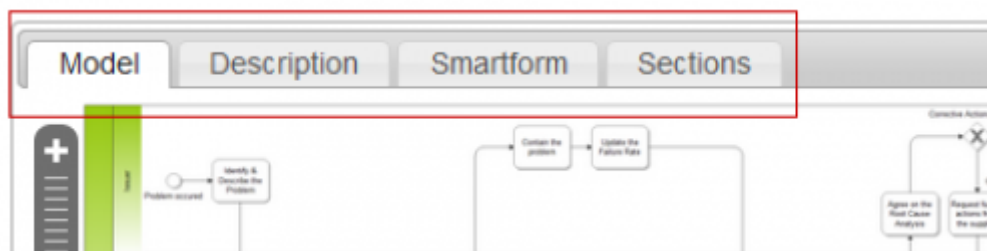
The following section describes how the process can be changed in a simple and quick way by using the PRC:

Deployer, owner and starter

Name	Value
Name	8D Problem Solving
Version	19
Designer	John Doe(6228)
Deployer Expr	group(TIM Wiki Deployer)
Owner Expr	group(TIM Wiki Deployer)
Starter Expr	group(TIM Wiki Deployer)
Count Critical	☒
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

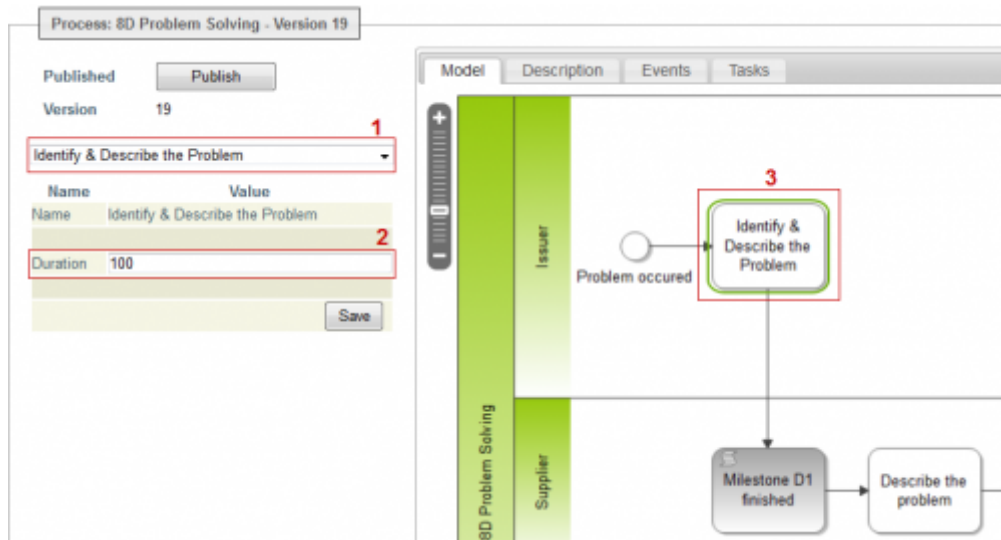


Model

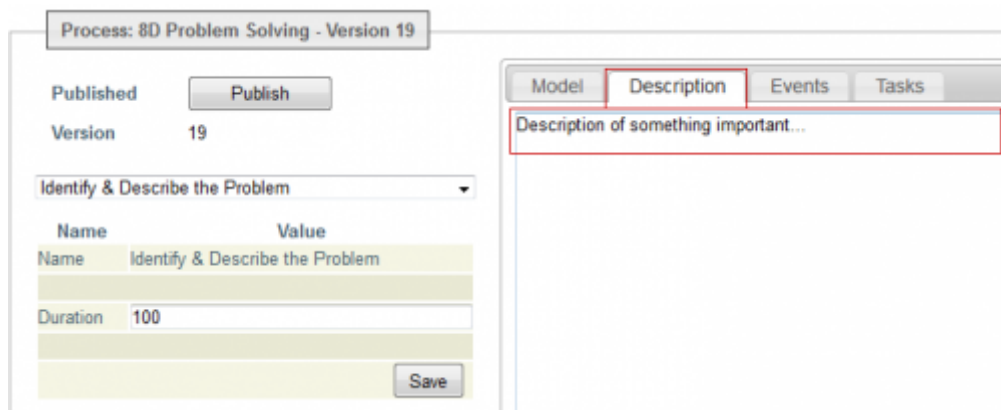
The model itself can't be changed with regard to its form. But, what can be changed are settings for certain tasks and activities. Individual tasks can be selected by accessing them via the process model or, alternatively, via the drop-down menu (please refer to the corresponding section above!).

- Tasknode

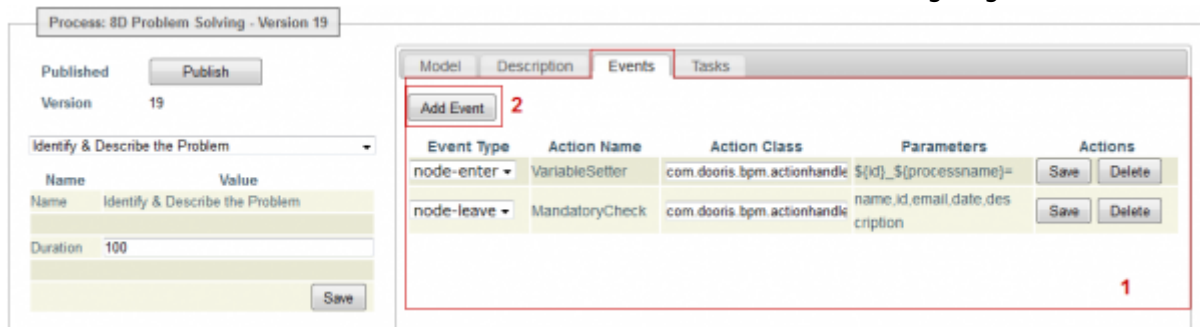
1. **Modell:** Feld 1 und Feld 3 zeigen auf, wie eine Tasknode aufgerufen werden kann. Entweder über das Prozessmodell selbst, oder über das Dropdown-Menü. Feld 2 zeigt, wo die Duration der jeweiligen Node verändert werden kann.



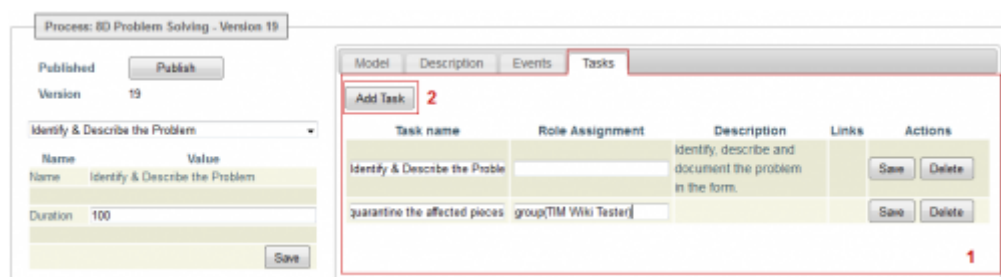
2. **Beschreibung:** Sofern bislang noch keine Beschreibung für diese Node vorliegt ist dieses Feld leer, eine Beschreibung kann nun jedoch auf Wunsch hinzugefügt werden. Falls eine Beschreibung bereits bestehen sollte, kann diese nach belieben geändert, oder ganz entfernt werden.



3. **Events:** In Feld 1 werden die bereits vorhandenen Events aufgelistet, falls welche vorhanden sein sollten. Ebenso können neue Events durch einen Klick auf Feld 2 angelegt werden.

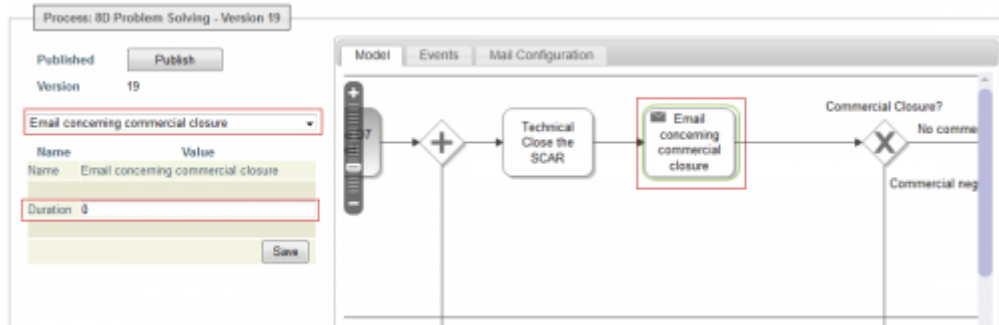


4. **Aufgaben:** In Feld 1 werden alle vorhandenen Aufgaben aufgelistet und können hier bearbeitet werden. Neue Aufgaben können unter verwendung des Buttons in Fels 2 jederzeit hinzugefügt werden.



- Mailnode

1. **Modell:** Durch Auswahl der Mailnode kann die Duration geändert werden.



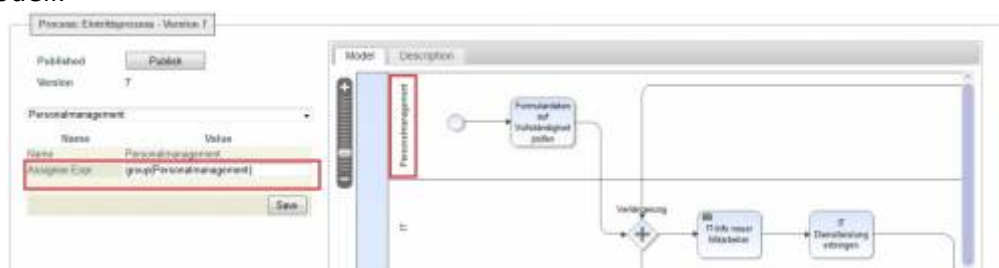
2. **Events:** In Feld 1 werden alle verfügbaren Events aufgelistet und können bearbeitet werden. Durch die Betätigung des Buttons In Feld 2 können Events jederzeit hinzugefügt werden.

Event Type	Action Name	Action Class	Parameters	Actions
node-enter	MandatoryCheck	com.dooris.bpm.actionhandler.	ID,name,email,date	Save Delete

3. **Email Parameter:** In diesem Tab können alle notwendigen Einstellungen für einen Mailversand getätigt und geändert werden.

- Swimlane

1. **Modell:** Hier werden der Name und das Assignment der Swimlane angezeigt. Der Name der jeweiligen Swimlane kann nicht verändert werden, jedoch das Assignment. Die Swimlane kann im Gegensatz zu den Nodes nur durch das Dropdown-Menü ausgewählt werden, nicht über das Prozessmodell.



2. **Description:** Hier kann eine Beschreibung der entsprechenden Swimlane eingetragen, oder verändert werden.

Name	Value
Assignee Expr	group(issue)

Veröffentlichen

Nachdem alle Änderungen vorgenommen worden sind muss der abgeänderte Prozess wieder in TIM eingegliedert werden. Dies geschieht durch den Button “Veröffentlichen”. Anders wie bei dem normalen Deployment, benötigt man keine Zugangsdaten (Mantand/User + Passwort), da man bereits mit seinem User im PRC eingeloggt ist. Ein einfacher Klick genügt hierbei.

8D Problem Solving

- Version 19
- Version 19
- Version 19
- Version 18
- Version 18

Process: 8D Problem Solving - Version 19

Published **Publish**

Version 19

General Process Attributes

Nachdem die Veröffentlichung stattgefunden hat, wird nun durch den grünen Haken dargestellt, dass die neue Version erfolgreich in TIM eingegliedert wurde. Zudem wird das Datum und die Uhrzeit der Veröffentlichung angezeigt. Die Version ist nun wieder schreibgeschützt.

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