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YearIDGenerator

Description

The [Handler](#) creates an number, which can be used as a unique classification. Typically, the generated ID is connected by the [RenameInstanceHandler](#). The generated ID is set-up as such: YYYYxxxx; in which YYYY is the current year und xxxx represents a sequential counter number (Example: 20110001).

Action Class

```
com.dooris.bpm.actionhandler.YearIDGenerator
```

Event Type

any type

Action Name

any text

Mandatory Fields

Here, the user can set a variable to which the created value is written. See [Example](#)

Caution: The variable name "id" may not be used!

Parameter

The generated ID can be called on using the variable `#{key}`, and can then be processed in the handler. If the variable is required as a [process variable](#) in the process development, the mandatory field must be set!

pattern

This parameter is optional and can be used to build [Process variable\(s\)](#) into [Process instance names](#). Here, the variable `#{key}` can be called upon. See [Example](#)

length

The “length” parameter increases the ID length by a specified number of consecutive numbers. “length” can be set manually. For instance, if “length=5” is entered, the ID will be composed of the current year + 5 consecutive numbers.

If nothing is set manually, the ID is composed of the current year + 4 consecutive numbers by default.

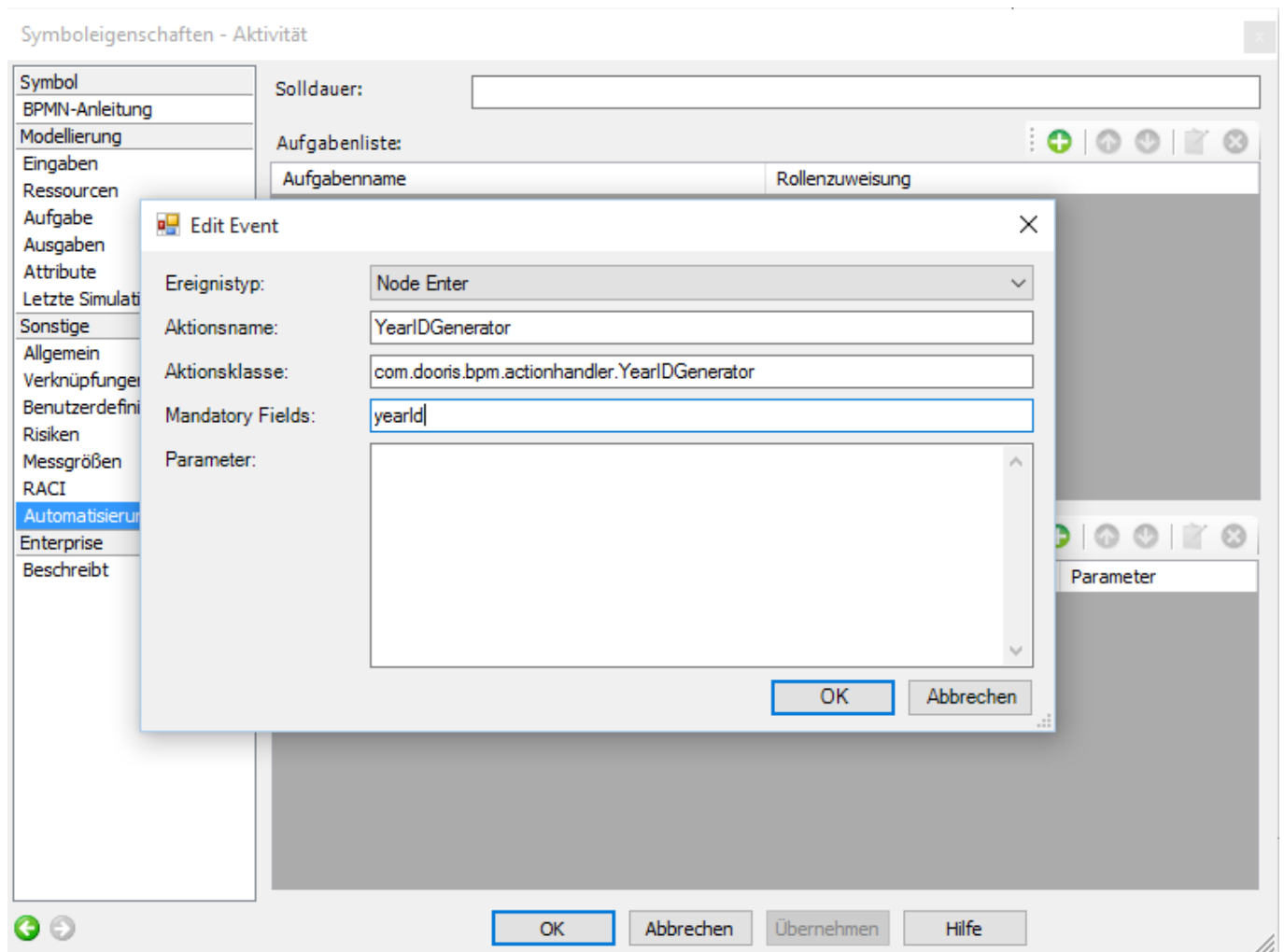
prefix

This adds a specified prefix to the generated ID, with a blank space between the prefix and the ID

This parameter is **only** chosen when the **pattern** parameter is not being used!

Example

[Example 1](#)



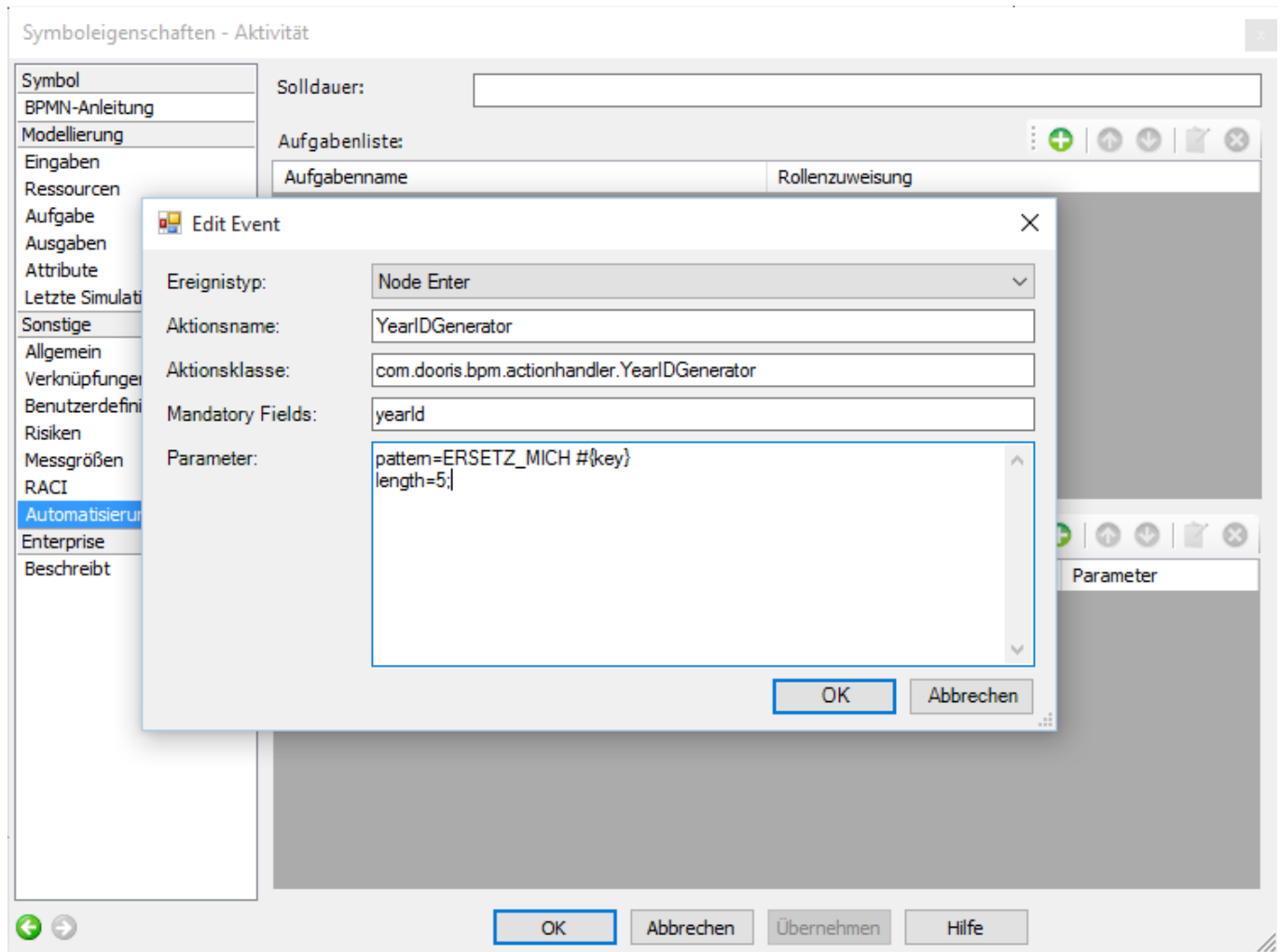
Four-digit ID is generated and given an instance name. The ID is saved in the yearID process variable.

Example 2

The screenshot shows a software interface for editing BPMN symbols. The main window is titled 'Symboleigenschaften - Aktivität'. On the left, there is a tree view of symbols including 'Symbol', 'BPMN-Anleitung', 'Modellierung', 'Eingaben', 'Ressourcen', 'Aufgabe', 'Ausgaben', 'Attribute', 'Letzte Simulation', 'Sonstige', 'Allgemein', 'Verknüpfungen', 'Benutzerdefiniert', 'Risiken', 'Messgrößen', 'RACI', 'Automatisierung', 'Enterprise', and 'Beschreibt'. The 'Automatisierung' item is selected. The main area shows a task list with columns 'Aufgabenname' and 'Rollenzuweisung'. An 'Edit Event' dialog box is open in the center, with the following fields: 'Ereignistyp' (Node Enter), 'Aktionsname' (YearIDGenerator), 'Aktionsklasse' (com.dooris.bpm.actionhandler.YearIDGenerator), 'Mandatory Fields' (yearId), and 'Parameter' (pattern=ERSETZ_MICH #{key}). The dialog has 'OK' and 'Abbrechen' buttons. At the bottom of the main window, there are buttons for 'OK', 'Abbrechen', 'Übernehmen', and 'Hilfe'.

Four-digit ID is generated and the pattern is set as the instance name. The ID is saved in the yearID process variable. In this example, the process instance is now named "ERSETZ MICH 20140003".

Example 3



Five-digit ID is created and the pattern is set as the instance name. The ID is saved in the yearID process variable. In this example, the process instance is now named "ERSETZ MICH 201400004".

Example 4

Symboleigenschaften - Aktivität

Symbol	Solldauer:	
BPMN-Anleitung	Aufgabenliste:	
Modellierung	Aufgabenname	Rollenzuweisung
Eingaben		
Ressourcen		
Aufgabe		
Ausgaben		
Attribute		
Letzte Simulation		
Sonstige		
Allgemein		
Verknüpfungen		
Benutzerdefiniert		
Risiken		
Messgrößen		
RACI		
Automatisierung		
Enterprise		
Beschreibt		

Edit Event

Ereignistyp: Node Enter

Aktionsname: YearIDGenerator

Aktionsklasse: com.dooris.bpm.actionhandler.YearIDGenerator

Mandatory Fields: yearId

Parameter: length=5;
prefix=PREFIX;

OK Abbrechen

Parameter

OK Abbrechen Übernehmen Hilfe

Five-digit ID is created. The instance name is now composed of the given instance name, the prefix, and the ID together. The ID is saved in the yearID process variable. In this example, the process instance is now called "Instanzname PREFIX 201400005".

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