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# CallSqlFunction

## Description

This handler can be utilized as an action handler or a decision handler!

ActionHandler:

Uses user-defined parameters to call a MySQL function, which has been stored in the database. The returned value is then written into a process variable.

If the result is null, a default value can be supplied.

DecisionHandler:

If the handler is placed on an XOR, it uses user-defined parameters to call a MySQL function from the database. The resulting value is then used to determine the method for further processing.

If the result is null, a default transition can be supplied.

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## Action Class

```
com.dooris.bpm.actionhandler.CallSqlFunctionHandler
```

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## Event Type

any

## Action Name

any

## Mandatory Fields

none

## Parameter

### functionName

Name of the MySQL function. This may also contain a process variable, i.e. `${functionName}`.

### params

The parameters to be passed to the MySQL function.

Any number of variables may be passed; these are separated by dashes ("-").

Process variables may also be passed, i.e.: `${param1}-${param2}-${param3}`.

CAUTION: The order of the parameters must match the order of the function parameter (See example)!

### resultName

Name of the variable to which the returned value is written.

A process variable may be given for this, i.e. `${REPLACEME}`

### defaultTransition

Decisionhandler:

IF the returned value is null, the process will continue along this path.

A process variable may be given for this, i.e. `${REPLACEME}`

ActionHandler:

If the returned value is null, the received value will be set as a variable.

A process variable may be given for this, i.e. `${REPLACEME}`

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## Example

ActionHandler:

Symboleigenschaften - Contain the problem

**Edit Event**

Ereignistyp: Node Leave

Aktionsname: CallSqlFunctionHandler

Aktionsklasse: com.dooris.bpm.actionhandler.CallSqlFunctionHandler

Mandatory Fields:

Parameter: 

```
functionName=returnEmployeeData;  
params=${employeeID};  
resultName=employeeData;  
defaultTransition=${noDataAvailable};
```

OK Abbrechen

### DecisionHandler:

Symboleigenschaften - Corrective Actions required?

Handler: com.dooris.bpm.actionhandler.CallSqlFunctionHandler

Parameter:

Name	Value
functionName	returnEmployeeData
params	\${employeeId}
resultName	employeeData
defaultTransition	noEmployeeData

Ausgänge:

Name	ID
Mitarbeiterdaten vorhanden	employeeData
Mitarbeiterdaten nicht vorhanden	noEmployeeData

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