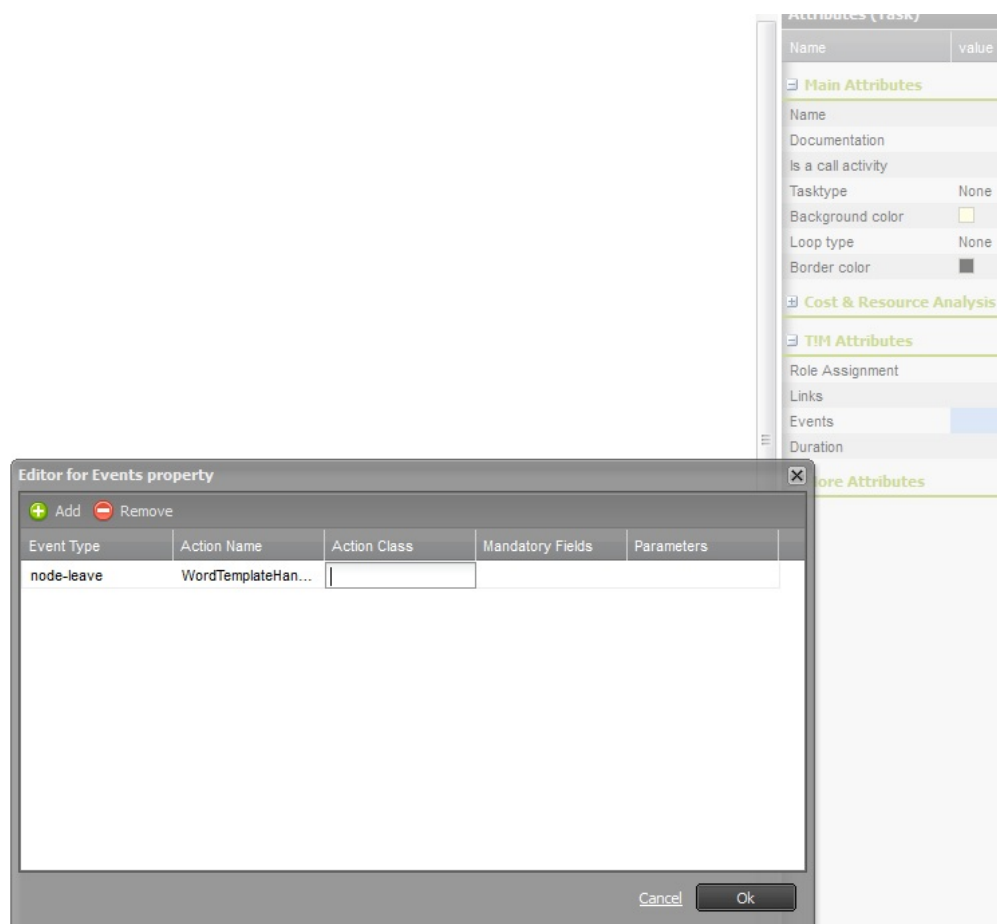


# ActionHandler

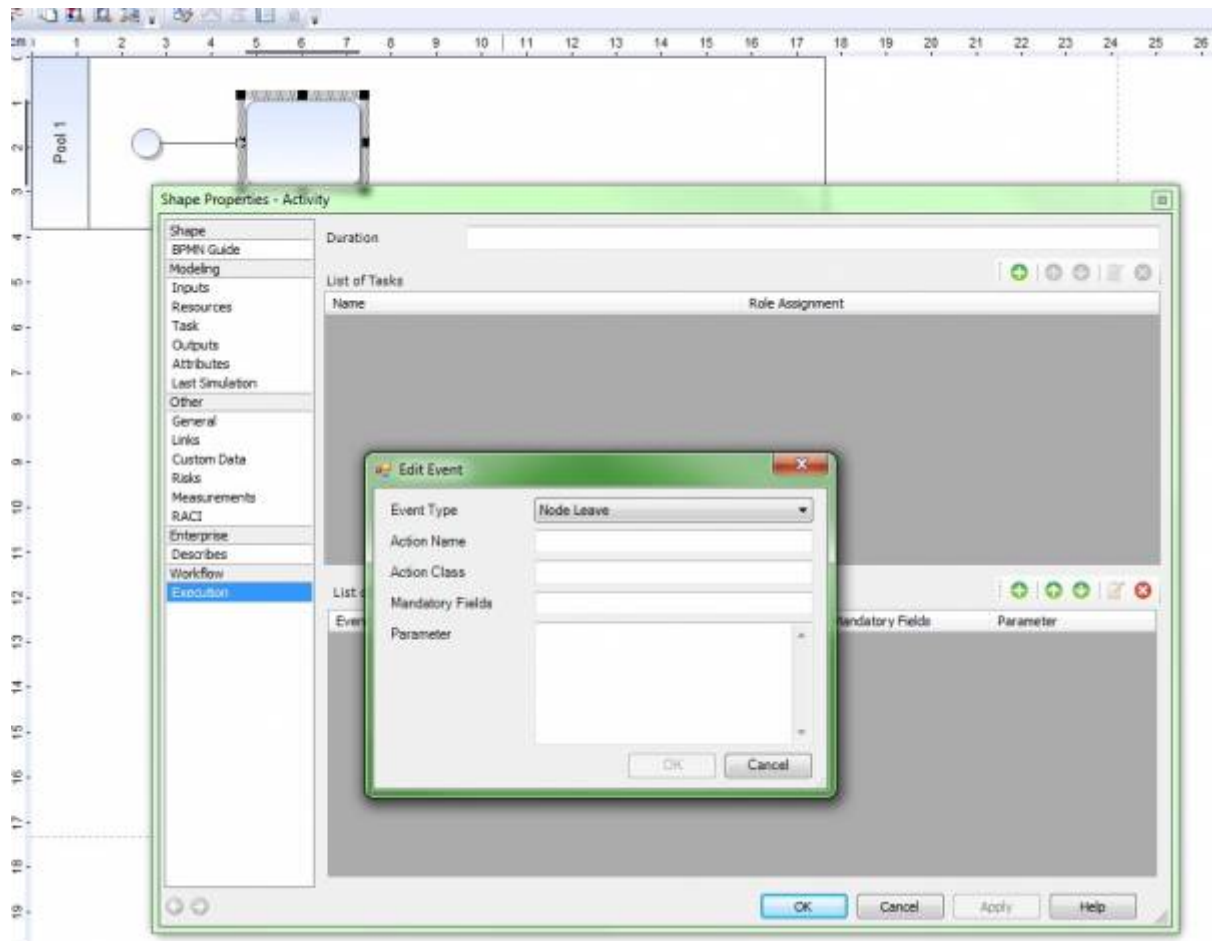
Add-ons of TIM that get assigned a particular task in a process, are called Actionhandlers. They are used, for example, to send e-mails, to generate PDFs or even retrieve e-mails and process them. With TIM, an appropriate handler can be created for any conceivable use. At the end of this page is a list of currently available handlers.

## Registering an Actionhandler

Actionhandlers are registered in the modeling in the process properties, e.g. in the right properties panel of Signavio. For this, a [Node](#) is selected and the [Event](#) window is opened. There, the desired Handler can be added and configured.



The same possibility exists in `[[en:software:iGrafx|]]` when the properties window of a `[[en:glossar#Node|]]` is opened.



## List of Actionhandlers

Actionhandler			
Category	Description	Technical description	From version
Assignment	Sets the starter through a process variable	<a href="#">SetStarterByProcessVariableHandler</a>	
Assignment	Sets the starter group through a process variable	<a href="#">SetStarterGroupByProcessVariableHandler</a>	
Assignment	Assigns all tasks of a Node to an editor	<a href="#">AssignTasksByVariableHandler</a>	<a href="#">Customer_Others</a>
Assignment	Writes the starter in a variable	<a href="#">StartToProcessVariableActionHandler</a>	All
Assignment, Swimlane	Assigns the starter to a swimlane	<a href="#">AssignStarterToSwimlaneHandler</a>	All
Assignment, Swimlane	Assigns a Swimlane to a user	<a href="#">VariableAssignmentActionHandler</a>	All
Assignment, Swimlane	Assigns a Swimlane to multiple users	<a href="#">AssignMultiUserHandler</a>	v4.2
Assignment, Swimlane	Assigns a swimlane to an editor based on the open tasks.	<a href="#">AssignmentByLoadHandler</a>	

Actionhandler			
Category	Description	Technical description	From version
Assignment, Swimlane	Sets the manager of a user as editor in a swimlane	<a href="#">AssignSupervisorToTasknodeActionHandler</a>	
Attachment	Creates a DOCX or PDF	<a href="#">WordTemplateHandler</a>	All
Attachment	Creates a multi-page PDF from the same template	<a href="#">RepeatingWordTemplateHandler</a>	All
Attachment	Creates an XML	<a href="#">CreateXMLByProcessVariableActionHandler</a>	
Attachment	Saves all attached documents in the file system	<a href="#">SaveDocsToFileSystem</a>	
Attachment	Creates a CSV File	<a href="#">CSVHandler</a>	
Attachment	Compiles multiple PDFs	<a href="#">MergePDFDocumentHandler</a>	
Attachment	Moves files	<a href="#">FileArchivationHandler</a>	
Attachment	Generates the process instance report and attaches it to the instance	<a href="#">GenerateReportActionHandler</a>	
Attachment	Checks if documents are attached	<a href="#">MandatoryDocumentHandler</a>	v3.7
Attachment, Process variables	Imports variables, documents and current status of any instances	<a href="#">ImportProcessEntitiesHandler</a>	Customer_Others
Archivation	Archives an instance	<a href="#">InstanceArchivationHandler</a>	All
Archivation, Process variables	Archives process variables.	<a href="#">VariableArchivationHandler</a>	Customer_Others
Date	Compares date strings and date pattern and creates process variable	<a href="#">CompareDatesAndSetVariable</a>	All
Date	Creates an iCal-date	<a href="#">ICalHandler</a>	v3.5
Date, Name	Generates a unique number for the process designation	<a href="#">YearIDGenerator</a>	All
Date, Name	Generates a running number (including date) for the process name	<a href="#">DayIDGenerator</a>	v4.2
Decision	Makes decisions based on the rules matrix	<a href="#">MatrixHandler</a>	v4.3
Decision, Workflow	Decision by user	<a href="#">HumanDecissionHandler</a>	All
Decision, Workflow	Decision through a process variable	<a href="#">VariableDecisionHandler</a>	All

Actionhandler			
Category	Description	Technical description	From version
Decision, Workflow	Decision for all XOR-gateways through a process variable	<a href="#">predefinedDecisionHandler</a>	All
Decision, Workflow	Decides based on the existence of a variable	<a href="#">VariableExistsDecisionHandler</a>	
Escalation	Generates a process variable during escalation	<a href="#">GenerateEscalationTimeHandler</a>	All
Escalation, Mail	Prepares an escalation mail	<a href="#">MailByProcessVariableHandler</a>	v3.4
Escalation, Mail	Prepares a reminder mail	<a href="#">MailReminderHandler</a>	v3.6
Mandatory	Required field check	<a href="#">MandatoryHandler</a>	All
Mandatory	Sets a required field according to a variable	<a href="#">ConditionalMandatoryHandler</a>	
Mandatory	Requires expenses as a mandatory field	<a href="#">CheckMandatoryEfforts</a>	v3.5
Milestone	Sets Milestones according to task descriptions	<a href="#">SetMilestonesFromDateFromTaskDescription</a>	v3.6
Milestone	Recalculates durations for achieving milestones	<a href="#">SimpleMilestonesHandler</a>	v4.3
Name	Renames the current instance	<a href="#">RenameInstanceHandler</a>	All
Name	Prevents duplicate instance names.	<a href="#">PreventDuplicateInstanceNamesHandler</a>	
Process	Starts process instance	<a href="#">StartProcessInstanceActionHandler</a>	All
Process	Can generate Actionhandler in the process	<a href="#">AddActionHandlerToNodes</a>	v3.5
Process	Starts instances from XML data sets	<a href="#">CreateProcessInstanceFromFolderByXML</a>	
Process	Forwards the main process from the sub process	<a href="#">SignalLinkedSuperProcessHandler</a>	
Process, Mail	Starts instances from unread emails from a folder from a mailbox	<a href="#">CreateProcessInstanceFromIncomingMailWithVariables</a>	Customer_Others
Process variables	Sets a process variable	<a href="#">ProcessVariableSetter</a>	All
Process variables	Threshold calculation	<a href="#">BorderValueHandler</a>	v3.4.7
Process variables	Calculates values	<a href="#">ExtendedCalculationHandler</a>	All
Process variables	Can retrieve a part from a string	<a href="#">ReturnRegexHandler</a>	All

Actionhandler			
Category	Description	Technical description	From version
Process variables	Writes new or expands existing variable + knows current user	<a href="#">TrackProcessHandler</a>	<a href="#">Customer_Others</a>
Process variables	Sets the executor of a task as process variable	<a href="#">TrackTaskProcessor</a>	<a href="#">v3.6</a>
Process variables	Save user information of the user that completed a task to process variables	<a href="#">WriteLastTaskFinisherInVariable</a>	<a href="#">All</a>
Process variables	Creates variables with user data	<a href="#">GenerateIdentityProcessVariablesHandler</a>	
Process variables	Creates absences and substitutes based on process variables	<a href="#">ManageAbsenceHandler</a>	<a href="#">v4.1</a>
Process variables	Saves process variables in a separate table	<a href="#">ProcessVariablesToTableHandler</a>	<a href="#">v4.1</a>
Interface	Sends an HTTP-Request	<a href="#">HTTPRequestHandler</a>	<a href="#">All</a>
Softlink	Signals main process	<a href="#">signalmainprocessbysoftlinkstate</a>	<a href="#">customer_others</a>
Softlink	Forwards all softlinks that are on a particular node	<a href="#">SignalSoftlinksByWaitstateIdentifier</a>	<a href="#">Customer_Others</a>
Softlink	Checks whether the Softlink process is still running	<a href="#">WaitForSoftLinkedSubprocessesHandler</a>	
Softlink	Starts Softlinks from process variables	<a href="#">StartSoftlinksFromProcessVariablesHandler</a>	<a href="#">v3.6</a>
Softlink	Writes a variable from a Softlink into the main process	<a href="#">SetVariableInMainProcess</a>	<a href="#">Customer_Others</a>
SQL	Runs Sql scripts from within a process	<a href="#">RunSqlScriptHandler</a>	
SQL	Retrieves a MySQL Function	<a href="#">CallSqlFunction</a>	<a href="#">Customer_Others</a>
Subprocesses	Copies process variables into the main process	<a href="#">WriteBackProcessVariableHandler</a>	<a href="#">All</a>
Subprocesses	Copies documents into the main process	<a href="#">WriteBackDocumentHandler</a>	<a href="#">All</a>
Subprocesses	Copies notes into the main process	<a href="#">InheritAttachedBlogsHandler</a>	<a href="#">All</a>
Subprocesses	Copies documents into the sub process	<a href="#">InheritAttachedDocumentHandler</a>	<a href="#">All</a>

Actionhandler			
Category	Description	Technical description	From version
Subprocesses	Copies process variables into the sub process	<a href="#">InheritProcessVariableHandler</a>	All
TSS	Generic CBS-Actionhandler to request Groovy scripts	<a href="#">CbaGenericHandler</a>	v4.2
Archiving(Customized)		<a href="#">SGO_DateienArchivieren</a>	
Archiving(Customized)		<a href="#">SGO_ReportArchivieren</a>	
Archiving(Customized)		<a href="#">CallAnafeeWebServiceHandler</a>	
Archiving(Customized)		<a href="#">ArchivationWebserviceActionHandler</a>	
Archiving(Customized)		<a href="#">ArchivationWebserviceActionHandlerV2</a>	
Archiving(Customized)		<a href="#">SGO_writeReport2SmartForm</a>	

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