Release Notes 5.3.2 - Patch Release | 04.09.2013

Remarks
Release notes with changes since version 5.3.1.

💡 Feature

Area	Importance	Description
Process Engine	Low	Configuration: The new configuration property "nm.workflowengine.assignmentstrategy" may be used to choose between two strategies for assignment of participants to process tokens. The default value "Default" selects the default assignment strategy based on swimlanes used by Appway 5.3.1 and before. The value "Extended" registers an extended version of the default strategy. This strategy first checks if the process token has already been assigned to a participant. If this is the case, the token is not reassigned. Otherwise it checks if the process token has a property or attribute with name "Appway.QueueName". If this is the case, the process token is assigned to the value of this property or attribute. Otherwise, the default assignment strategy is used. The extended assignment strategy allows users to "override" the default assignment rules based on swimlanes by setting a participant in an attribute or property of the process token. The advantage of using a property is that it it exists only for as long as the token is on the current process element ("override once"). If an attribute is used instead, it moves together with the token through the process ("sticky override"). If both a property and an attribute are present, the property has priority. If the configuration property is set to "Custom", an extension may register its own assignment strategy.
Script Language	Low	Log: Output location stack in exception messages.

📝 Change

Area	Importance	Description
Extensions	Low	Changed icons and some wording in the Extensions area. I kicked out the old adapter icons. Now, all Extensions use the "Puzzle piece" icon. Plugins also have a lock on the icon, to differentiate them from regular Extensions. The "Type" column in the Extensions area now says "Persistent" for Plugins, and "Not persistent" for non-Plugins, in order to more clearly communicate what the difference is.
Script Language	Low	Function "LOGGER": If the function is called without an explicit logger name, the function now checks if it has been invoked in the context of a business object (script function, process, screen etc.). If this is the case, a logger name of the form "com.nm.[BusinessObjectType].[BusinessObjectId]" is used. Examples: "com.nm.ScriptFunction.ImportPersons", "com.nm.Workflow.OrderProcess", "com.nm.Screen.AddressInclude"

🐛 Bugfix

Area	Importance	Description
Console	Low	Process Triggers: Show message and signal triggers attached to virtual process message/signal queues.
Integration Link	Medium	Variables haven not been initialized properly for Integration Links which are triggered by external events (JMS, File, etc.)
Integration Link Editor	Medium	Fixed variable definition retrieval.
PDF Output	Low	Bugfix in function "SCOPETRACETABLE". The function has generated invalid XML code whenever the string-representation of a variable value had more than 50 characters.
PDF Output	Low	Library: "Copy Fields & Variables" command now works again.
Process Engine	Medium	Trackpoints: If a trackpoint was placed on an outgoing connection of a splitting process element (e.g. an AND gateway), the process engine did not notify the trackpoint about arriving process tokens. This not only affected AND gateways but all process elements where multiple outgoing connections were activated.
Refactoring	Low	Refactor ID now doesn't fail anymore if the content.properties file was missing. Also checks for other files were added.
Screen Editor	Low	If a control has an attached converter for which the converter description cannot be found, a user-friendly message is now displayed instead of a "null" text in the tab "Converter".
Script Language	Low	Fix for dependency analysis on return type in script functions and data class functions.

Script Language	Low	The function "CallIntegrationLink" now reports a dependency on the integration link passed as first argument.
Studio	Low	Extensions: Startup/Shutdown: The module look up was implemented incorrectly. It was a coincidence, that registering external studio modules worked so far, due to the unique constellation of the modules until 5.3.
Studio	Low	Resource Builder: The recently updated minifier library cannot cope with empty files. This leaded to a fatal error when building the resources for the PDF Output Editor. The Resource Builder itself will now cope with this and log any error related to the minifier (output on console) instead of failing with a fatal error. I/O errors will still result in a fatal error though.
Studio	Low	Support 24-hours time format in custom list editor, job scheduler editor and test data editor. Before this fix, time was saved in a 12-hours format. A time after noon therefore has been converted automatically to a time before noon (e.g. 17:00 to 5:00).