Release Notes 5.3.3 - Patch Release | 23.10.2013

Remarks
Release notes with changes since version 5.3.2.

💡 Feature

Area	Importance	Description
Configuration	Low	If the configuration property "nm.pathencryption.compatibility" is set to "Windows", the FileSystemServlet ("/filesystem/*") automatically converts backslashes in the encrypted file path into forward-slashes. System administrators should set this configuration property if they migrate an Appway installation from a Windows system to a Unix/Linux system. [Merged from 5.2.3.10-dev, revision 23348]
Integration Link	Low	Better support for asynchronous call of integration links in processes (Integration Link Task) and script code (CallIntegrationLink function).
Integration Link	Low	Configuration: Added configuration property "nm.integrationlink.exceptionsIgnored" for ignoring exceptions thrown in Integration Links. The property value is a coma-separated list of fully qualified Java exception class names. Ignored exceptions are not put into the call exception list.
Integration Link	Low	Console: Added context menu items for resetting call statistics and restarting integration links.
Screen Component	Low	Phase Chevron: Added color configuration for past steps.

📒 Change

Area	Importance	Description
Catalog Editor	Low	Output columns are now displayed in their own tab.
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Data Table	Low	Data Column: It is now possible to set a minWidth for a column by explicitly defining it as pixels. Both notations now work (e.g. 100, 100px). This makes it more consistent with the property "width". Both properties "Filter Type" and "Sorter Type" can now be set dynamically.
Integration Link	Low	Processing: Aggregation Strategy use new-exchange if old-exchange does not exist.
Integration Link	Low	Processing: Use fallback to LatestCommitted filter if no version filter is available, keep connection to process scopes when executing integration link.
Report	Low	Allow "." in id of report business objects.
Screen Component	Low	Border Layout Manager: - Flap size can now be modified on the component. - Made "Show Region" property check box dynamic. - New property added to the regions to choose if the flap and region can overlay together or not. - Changed the background color of the flaps to a lighter gray #aaa. - Cursor on flaps and label will now be set to default. - Label will be centered correctly in north and south flaps. - Flaps didn't accumulate again with the region size. - Flap size now possible for all 4 regions.
Screen Component	Low	DataTable: It is now possible to resize the columns not only within the header area, but also in the filter area and on the content.
Screen Component	Low	DataTable: The table now uses a more simplified flat design for the header.
Script Language	Low	ForEach loop: null is a valid collection value and treated the same way as an empty collection. Validation does not generate a warning anymore.
Studio	Low	Commit Dialog: The commit UI will now use the DataTable instead of the DataGrid. This should improve the performance.
Studio	Low	Console: Process Instances: The user now has to enter a confirm text in order to delete all process instances. This is to prevent accidental deletion of all processes.
Studio	Low	Export: The export UI will now use the DataTable instead of the DataGrid. This should improve the performance.

🐞 Bugfix

Area	Importance	Description

Administration	Low	Repository Integrity: Fix for NullPointerException [Merged from 6.0-dev, revision 23700]
Application Cache	Low	Destroy application cache on application shutdown to prevent memory leak warning.
Catalogs	Low	Translator Filter validation reported a wrong error when a script was used to determine the language.
Catalogs	Low	Using the Cache Filter and looking up a Record which didn't exist ended in a Null Pointer Exception.
Data Class Editor	Low	Fixed wrong error message when user tried to inherit from class that contained a dot in its id (backport).
Deployment	Low	Fixed IE display problem with Import button (problematic CSS inheritance opinions of IE's developers caused its line height to be far too high, pushing the text out of the button) (backport).
Integration Link	Low	Fixed Validation, Aggregation, Multicast and Splitter component behaviour
Integration Link	Low	Processing: Aggregation Strategy returns modified exchange
Integration Link Editor	Low	Validation: fixed validation for components which implement the PropertyScopeManager interface.
Log Viewer	Low	The current scroll position was sometimes calculated wrong, thus the server could not unmarshall the provided arguments.
PDF Output	Low	Page numbering options $$MO and $$XO did not work.
PDF Output Editor	Low	Fixed problem where PDF Output Editor areas' content was not resized properly when the areas were resized, and a new element was selected.
PDF Output Table Editor	Low	Fixed a problem where the properties content area was not resized properly.
Process Editor	Low	Fixed a problem where the properties content area was not resized properly.
Refactoring	Low	Parameter Assignments were immutable. The fix applyies now the same cloning mechanisms as if a Business Object gets cloned.
Refactoring	Low	Refactoring a Label ID which is in use in a Static Catalog Source failed due to the incapability of the BeanUtils to handle synthetic method declaration on a Map.Entry object.
Screen Component	Medium	DataTable: It is now possible to use a data table for screens, that do not require a user to be logged in.
Screen Component	Medium	DataTable: Resizing columns does no longer lead to unwanted multiple AJAX-Requests. Thus, resizing columns does no longer lead to endless loops.
Screen Component	High	DataTable: When executing actions in conjunction with an AjaxUpdateAreaAction, the current row is now also submitted, so the row object variable will get initialized correctly on the server side.
Screen Component	Low	PhaseChevron: Chevron container is now correctly displayed on 100% of parent container.
Script Language	Low	Remember keys for named collections which point to null values.
Studio	Low	After importing business objects, the library and the custom list tree will now be refreshed, so the possibly new objects will get visible.
Studio	Low	Business Object Editors: Variable Editor: In IE, when hitting enter while typing a name for a new variable, the variable is now actually added, instead of triggering the button for inheriting a variable.
Studio	Low	Business Object Editors: Variable Editor: In IE, when hitting enter while typing a name for a new variable, the variable is now actually added, instead of triggering the button for inheriting a variable.
Studio	Low	Console: Flows: There will not be an exception anymore, if a token set returns an empty string as its workflow id.
Studio	Low	Log Viewer: The current scroll position was sometimes calculated wrong, thus the server could not unmarshall the provided arguments.
Value Store	High	Fixed entity cache in value stores. Value stores now use a reference map which allows to garbage collect entities and reduces memory footprint.
Web Application	Medium	Debug Filter: Do not throw exception when logger of class "com.nm.filter.DebugFilter" is set to level "DEBUG". This bug made all JSON-RPC ajax calls fail. (partial revert of revision 16952)