Release Notes 5.3.11 - Patch Release | 06.05.2014

Remarks
Release notes with changes since version 5.3.10.

This release contains a security-related change:
The vulnerability CVE-2014-0050 in the embedded library "Apache Commons FileUpload" has been
fixed with an upgrade to the newest version 1.3.1 of this library.

Upgrade Notes:
No special actions are required when upgrading from Appway 5.3.10 to 5.3.11.

Appway Platform (Core)

💡 Feature

Area	Importance	Description
Script Language	Low	Execution: The configuration property "nm.exprlang.exception.constructorargumentcount" can be used to trigger exceptions in case a "NEW" method of a data class is called with a wrong number of arguments.

📋 Change

Area	Importance	Description
DataTable	Low	Added -webkit-overflow-scrolling: touch for smoother scrolling on touch devices.
DataTable	Low	Disables spell checking / capitalizing on filter and editor input fields.
DataTable	Low	If a data table uses interlines, it is no longer possible to click on the whole row to toggle the interline visibility. Instead the user has to click on the left triangle. This change is due to the fact that clicking the whole row will select the row in the studio. If multiple selection shall be possible, these two actions would interfere each other.
DataTable	Low	It is no longer possible to chose a date/time range that ends before it starts.
DataTable	Medium	Null values will now be displayed as empty strings instead of "null".
Screens	Low	Dropdown List: When no matching value is found, Dropdown now selects the default value, rather than selecting no value.
Security	High	Upgrade of Apache Commons FileUpload from version 1.2.2 to version 1.3.1 to fix the vulnerability CVE-2014-0050.
Studio	Low	Administration: Repository: Statistics: Divided the module into three separate modules and added a progressbar for re/loading the statistical data. Like this a single server request will not take long anymore, thus the client will not run into a timeout if the calculation of the data takes longer than 5 minutes, which is the usual timeout setting for current browsers. In addition the user is notified of the progress and that it is a long running task. If the user wants to update the view he has to explicitly click a button.
Studio	Low	Modal Windows: The content of a message window will now not grow any bigger than 70% of the screen height.

🐞 Bugfix

Area	Importance	Description
Catalogs	Low	When fetching a catalog form the repository, the source and filters will be locked after deserialization. If a custom source or filter was fetched and the corresponding extension was not running, the lock() triggered an exception.
Data Class Editor	Low	Breakpoints could not be defined in data class methods if the editor was opened with a double-click on the function name or script code.
DataTable	Low	Date/Time Filter: If no date is set and the user clicks on "timed" the time sliders will now appear. Before that fix, the user first had to choose a date in order to be able to see the sliders.
DataTable	Low	Date/Time Filter: The text size of the filter values have a fixed height now, so it fits in the input field.
DataTable	Low	Fixed a layout problem in case a table has interlines and the first column has a triggerable editor.
DataTable	Low	If a data entity did not contain all properties when it was loaded, a NullPointerException was possible when fetching rows of a data table.
DataTable	Low	If a dropdown filter has a default value, the default value is now matched against the keys

		of the dropdown configuration instead of the labels. Before this fix, it was possible to set a default value for a dropdown only if the keys and values were equal.
DataTable	Low	Opening another filter dialog by clicking on the input field will now render the dialog correctly.
DataTable	Low	The auto layout feature now also works if the table uses interlines.
DataTable	Low	When using interlines, only the interline that actually needs to be rendered will now be rendered. Before this fix, all interlines were re-rendered, if a new interline had to be rendered.
DataTable	Low	When using multiple icons in a cell without text, they will now be displayed in correct order.
Deployment	Low	A deleted business object is now painted as deleted in the export dialog.
Deployment	Low	Fixed issue where commit text entered during import was not stored.
Screens	Low	Border Layout Manager: - Added tap functionality for better usability. - Extended the CSS for the overflow with the -webkit-overflow-scrolling: touch attribute. - Integer properties were not dynamic.
Screens	Low	Phase Chevron: Touch event will be unbind after releasing the event.
Script Language	Low	Breakpoints in data class methods did not trigger because the location stack used a wrong property name.
Script Language	Low	Execution: Properly initialize script execution configuration on start-up.
Script Language	Low	Only execute the init script for optional parameter if no value for the parameter is given.
Studio	Low	Added missing JavaScript console dummy functions to comply with the API of Safari, Firefox, Chrome and Internet Explorer.
Studio	Low	Business Object Editors: Properties: When a dynamic property is switched to be an expression, it is now possible to switch it back again. Before this fix, the switch worked, but the change was not always correctly transmitted to the server, thus the value remained an expression.
Studio	Low	Business Object Editors: Validation: Check if current business object refers to business objects which have been deleted, or marked as deleted.
Studio	Low	Catalog Editor: The editor now waits for the cells of static catalogs to submit their changes, before it saves the actual business object.
Studio	Low	Custom List: An exception thrown during evaluation of a Script filter is now caught and logged. The business object for which the exception has been generated will not be included in the custom list.
Studio	Low	Custom List: Catch all exceptions throw during the evaluation of a smart custom list. The business object for which the exception has been generated will not be included in the custom list.
Studio	Low	Custom List: Smart List Editor: Make sure that custom list is committed when the custom list is modified in the editor.
Studio	Low	Custom Lists: The "Script" filter in smart custom lists now works as expected if the property "Search in" is set to "Latest committed version".
Studio	Low	Deployment: Import button is now enabled after canceling commit comment.
Studio	Low	Discussion: If a business object is mentioned that does not include an id (e.g. #Screen-), the message rendering will no longer throw an exception. Instead it will just show the given text. Furthermore, if gathering information about a business object fails for any reason, there will not be an exception anymore. Instead the message rendering will treat the object reference as if the object was not found in the system.
Studio	Low	Export: In IE9, when choosing another Version Filter, the corresponding dropdown will now display the full text instead of just the first letter.
Studio	Low	Prevent error, if a previously loaded module cannot be loaded anymore.
Studio	Low	Unregistering a module that uses the same name as another existing module will no longer remove the other module, as long as the module to be removed is located in a different section.
Test Data Editor	Low	Boolean values could not be toggled.