

Remarks

Release notes with changes since version 5.3.8.

Upgrade Notes:

No special actions are required when upgrading from Appway 5.3.8 to 5.3.9.

Appway Platform (Core)

Feature

| Area | Importance | Description |
|-----------------|------------|--|
| Deployment | Low | Import: Added missing "Show unsatisfied Dependencies" feature to Import dialog. |
| Screen Actions | Low | New client-side action "Block User" added. See cookbook "Blocking user interaction" for more details. |
| Script Language | Medium | Function "WORKITEM": The function has an additional optional parameter to pass a process instance id. If a process instance id is passed, the function does not need to search for the process token in all process instances. Instead, only the given process instance is scanned. This has a positive impact on the performance of the function, especially in cases where it is not clear whether the process token exists at all. The function now emits an info message during validation if it is invoked with only one parameter (only the process token id, no process instance id). |

Change

| Area | Importance | Description |
|-----------------|------------|--|
| | Low | Moved <code>/js/container/jsp/modal_window.jsp</code> to <code>/admin/modal.jsp</code> . This JSP is used to render a modal window in a separate window (detached). Since the JSP file was not located in <code>/admin/..</code> it was also not identified being part of the studio. Because of that, special filters or other mechanisms, that tested explicitly for <code>/admin</code> did not work for detached windows. An example for a misbehavior is the <code>IEDocumentModePatch</code> Extension, which injects special HTTP headers for the studio to prevent IE to render the page in IE7 document mode. |
| DataTable | Low | By default a data table will now always expand to the size of its parent HTML element. However, as soon as you define your own style properties using the style tab of the data table, the automated layout will be disabled and your styling will be used instead (e.g. fixed height). |
| DataTable | Low | Client-side JavaScript actions now have access to the <code>"this"</code> parameter. |
| DataTable | Low | The boolean properties <code>"Render Border"</code> , <code>"Render Header"</code> , <code>"Status Bar Visible"</code> and <code>"Row Count Visible"</code> are now dynamic and can be set using an expression. |
| Performance | Medium | The <code>"Workflow Token Lookup Cache"</code> is now fully populated on start-up by scanning all process instances. If the cache is flushed manually after start-up, it is also rebuild immediately. Scanning all process instances requires approx. 20 ms per 10,000 process instances. |
| Script Language | Low | Named Collections: If an element is added to a named collection and the key contains an ASCII control character other than tab, line feed or carriage return, a warning is now written to the log file: <code>"WARN com.nm.sdk.data.dataitems.DataMap - Illegal ASCII control character found in key: 0x02"</code> . |
| Studio | Low | Library: If a business object is locked (opened in an editor) it is now not possible to edit its meta data via the library anymore, since possible changes would potentially be overwritten by the opened business object editor. |
| Studio | Low | Uploads: All file uploads in the studio are sent to the URL <code>/admin/upload/single_file_upload.jsp</code> . This allows system administrators to determine whether an upload was made in the studio or in the workspace, since they can use the URL path to decide. |
| Value Store | Low | Persistence: If a key of a named collection contains an ASCII control character other than tab, line feed or carriage return, the character is silently discarded when the key is written to the value store XML file. ASCII control characters are not valid in XML 1.0 documents and some XML generators and parsers (e.g. Woodstox) throw an exception if they detect them. |

Bugfix

| Area | Importance | Description |
|-------------------|------------|--|
| Audit Trail | Low | Set activate change listener when deserializing. |
| Catalogs | Low | Fix for NmRuntimeException "Can not pop root scope." |
| DataTable | Low | If a DataContent component has a client-side action but the action is disabled, the content will not be rendered as a link anymore. |
| DataTable | Low | If the source type is "Catalog" but no catalog has been selected, the table will now render empty instead of producing an error. |
| DataTable | Low | When a cell value is modified using a cell editor and currently the table is filtered and/or sorted, the correct index of the collection is now updated. |
| Integration Link | Low | Integration Links now inherit the current user (if available) from the calling context. |
| Process Editor | Low | Validation no longer complains that an embedded sub-process is overlapping with an attached intermediate event. |
| Process Editor | Low | Validation: Check if process tasks refer to business objects which have been deleted, or marked as deleted. |
| Process Editor | Low | Validation: Fix for broken validation of Integration Link Task (variable assignments, loop properties, outgoing connections etc.) |
| Process Engine | Low | Make sure that a process instance running with a head version filter generates an error if it tries to access a deleted business object. |
| Screen Components | Low | Border Layout Manager: Start positions of flaps will now be correct on render phase. |
| Screen Components | Low | Phase Chevron: Value of property "Displayed Process" will now be saved. |
| Script Language | Low | Validation: Create validation warning when casting to an unknown type. |
| Studio | Low | Business Object Editors: If the opened business object is not the head version, the header of the editors now show the correct modification date. |
| Studio | Low | If debug code is left behind and the browser does not support console.debug(), there will not be an error-message anymore. |
| Studio | Low | Library: The context menu will now rearrange if there is not enough space on the upper end. |
| Studio | Low | Modal Window: Key combinations like CTRL-ALT-W for hiding the window now work again. |
| Studio | Low | Modal Window: When using the tab key to focus another button than the default button and hitting the enter key, the currently focused button will now be executed. |