### Release Notes 6.0.1 - Patch Release | 02.05.2014

#### Remarks

Release notes with changes since version 6.0.

This release contains two security-related changes:

- 1. 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.
- 2. The workspace now has a protection against cross-site request forgery (CSRF) attacks. This protection is enabled by default. If you detect any problems with it, you can set the configuration property "nm.workspace.accesscheck" to "false" to turn it of.

#### Upgrade Notes:

No special actions are required when upgrading from Appway 6.0 to 6.0.1.

# Appway Platform (Core)

### Change

| Area      | Importance | Description   |
|-----------|------------|---|
| DataTable | Low        | If an exception is thrown on the server, its stacktrace with a max depth of 4 causing exceptions will be transmitted to the client. The user is able to display this information by clicking on the statusbar.  |
| Security  | Medium     | Cross-site request forgery (CSRF) protection in workspace for all URLs of the form "/process/*" and "/screen/*". Only POST requests are allowed to submit form data for Appway screens, and every POST request must contain a valid access token. The configuration property "nm.workspace.accesscheck" is used to enable/disable this CSRF protection. The default value is "true" which means that CSRF protection is enabled. Appway automatically injects a hidden field with name "accessToken" and the current user's access token into every generated HTML form. A missing or incorrect access token generates an internal server error with an error message like "NmSecurityException: CSRF Protection: Access Token mismatch". |
| Security  | Medium     | Upgrade of Apache Commons FileUpload from version 1.3 to version 1.3.1 to fix the vulnerability CVE-2014-0050.  |

## Bugfix

| Area                        | Importance | Description  |
|-----------------------------|------------|--|
| Cluster                     | Low        | Flush map values in method "getMapKeys" to make sure recently added keys are returned.   |
| Cluster                     | Low        | Update in-memory state on all nodes after changing start-up behavior or priority of an extension.  |
| Collaboration               | Low        | User Messaging: Remove pending heartbeats when user is removed from chat to avoid that the user is temporarily re-added to the chat.       |
| Data Class                  | Low        | Properties with initial null value have been ignored when initializing a data object.  |
| Data Class Editor           | Low        | Breakpoints were not defined correctly because of missing location data when opening Data Class method editor with a double-click.         |
| DataTable                   | Low        | Handle special case when row object is null.   |
| DataTable                   | Low        | If a data entity does not contain all properties when it is loaded, a NullPointerException was possible when loading rows of a data table. |
| DataTable                   | Low        | When using multiple icons in a cell without text, they will now be displayed in correct order.   |
| Entity Stores               | Low        | Properly update index definition cache when removing an index definition   |
| Integration Link            | Low        | Make sure distributed commands are executed in correct order. I.e. do NOT allow commands to be executed in parallel.                       |
| Process Instance<br>Service | Medium     | Do not acquire process instance write locks when fetching a workitem.  |
| Process Instance<br>Service | Medium     | Querying process instances by predicate no longer decompresses and deserializes all process instances.                                     |
| Script Language             | Medium     | ProcessToken function does no longer acquire a process instance write lock.  |
| Studio                      | Low        | Added missing console dummy functions to comply with the API of Safari, Firefox, Chrome and Internet Explorer.                             |
| Studio                      | Low        | Business Object Editors: Restored the layout of the center tabs. After commit #30076, the top line was still visible for the active tab.   |

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| Studio         | Low | Deployment: Fixed the size of the containers, so the text will not be cut anymore.  |
|----------------|-----|---|
| 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 | Screen Editor: Adding an action when another action is currently displayed will now longer break the layout.  |
| Studio         | Low | Screen Editor: The border layout will now be displayed with all lines again.  |
| Studio         | Low | Script Editor: The native context is now disabled for the source code area of the script editor. This also prevents it from popping up when hitting ctrl-space in Firefox.  |
| User Messaging | Low | Added a method setTimeRange(DateRange) to UserMessageFilter such that a message time range can be easily specified from the script language.  |
| User Messaging | Low | Changed UserNameIndex to return the proper user IDs (instead of lowercase ones).  |
| User Messaging | Low | Fixed discussion message query logic to make sure that n discussions (and not less) are returned when n are requested (if at least n are available), and no unnecessary additional index searches are performed.  |
| Value Stores   | Low | Drop cached value store size upon commit.   |