Release Notes 6.1.9 - Patch Release | 06.03.2015

Remarks
Release notes with changes since version 6.1.8.

Upgrade Notes:
No special actions are required when upgrading from Appway 6.1.8 to 6.1.9.

Appway Platform (Core)

🗒 Change

Area	Importance	Description
Process Engine	Low	Measure the execution time of "WorkflowInstanceService.getWorklist()" if the logger level is set to "INFO".
Security - Authentication	Low	Updated to the latest version of HttpClient libraries to enable Kerberos impersonation.
Workspace	Low	Improved the performance of the Layout Manager, which manages the position of Screen components on a page depending on the space available. A check was added for the window size and a debounce in the resize event handler to limit the relayouts. This because the resize event on IE8 is triggered even if an element is resized.
Workspace Notifications	Low	Optimization of the "GetNotificationSubscriptions" function: when a topic is set as filter criteria, only the specified topic is considered instead of traversing all topics to find the relevant one.

🐞 Bugfix

Area	Importance	Description
Back end - Security	Low	Enforce access restrictions for Ajax calls to Studio modules.
Back end - Security	Medium	Error Page: Fixed cross-site scripting issue in the default error page.
Business Object - Data Class	Low	Ensured that Data Class functions with syntax errors cannot break Business Object validation, dependency and rendering.
Business Object - Document	Medium	Fix for a bug introduced in 6.1.8 regarding the vertical alignment of text fields and text cells with a fixed height.
Business Object - Integration Link	Low	Ensured that the version filter configured under "nm.integrationlink.versionfilter" is taken when starting Integration Links (from the Console or at system start-up).
Business Object - PDF Output Table	Low	Rendering PDF Output Tables with a very large amount of elements sometimes led to a Stack Overflow Exception.
Screen Component	Low	Link Container: Added an inline-block style property to let the container behave like a block element. Links now correctly adapt to the child component's width and height.
Screen Rendering	Low	Template: Remember template scope in a local map in page context instead of registering it in the Value Store.
Script Language	Low	Fixed the validation for Primitive Types. It produced a missing variable definition error when the variable $this was used in Primitive Type functions.
Security - Authentication	Low	HTTP Client: Discontinued usage of the ScopeFinalizer, because it caused issues with configuration updates.
Security - Authentication	Low	HTTP Client: Proxy Basic Authentication was failing due to a NullPointerException.
Studio	Low	Business Object Editors: When you drag a variable over to the end of the list of variables, it I no longer disappears upon dropping it. Instead, it is placed as the last variable in the list.
Studio	Low	When you upload a file, IE9 no longer shows a permission error.
Studio - Administration	Low	Global Search: A search query required at least three characters. This limit is now removed.
Studio - Administration	Low	Repository > Validation: If the validation process takes a long time, a loading wheel is shown, so you can see that the system is working.

Appway Java SDK

🗒 Change

Area	Importance	Description

SDK	Low	Libraries: The following Java libraries have been updated: - Apache Commons Codec 1.8 to 1.9 - Apache Commons Logging 1.1.3 to 1.2 - Apache HttpClient 4.3 to 4.4