Release Notes 6.3.21 - Patch Release | 08.03.2017

Remarks

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Release notes with changes since version 6.3.20.

NOTE THAT THIS PATCH RELEASE HAS BEEN WITHDRAWN AS IT SUFFERS FROM A SEVERE RACE CONDITION
ISSUE.  THIS ISSUE HAS BEEN FIXED IN APPWAY 6.3.23.

Upgrade notes:
No special actions are required when upgrading from Appway 6.3.20 to 6.3.21.
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Appway Platform (Core)

Feature

Area	Importance	Description
PDF Output	Low	Added support for printing text from right to left in PDF Output. A new Value Field Parameter, 'Run direction', is now available for the Text component of PDF Output Business Objects and determines the direction of rendering (by default: left to right). Ensure that the 'Align' parameter, which defines the horizontal alignment, is set accordingly.

Bugfix

Area	Importance	Description
Catalogs	Low	Fixed an issue where the ToString method of the DataSourceCatalogueSource.java class broke if a Catalog of the type 'Data Source' contained an SQL statement shorter than 25 characters.
Refactoring	Low	Fixed an issue where components with a property configured as a NumberPropertyType (e.g. Integer, Double, and so on) failed during refactoring if the property value was set to an empty string.
Script Functions	Low	Fixed an issue where passing null as the input when calling a script function resulted in the default value being used.
Script Language	Low	Fixed an issue where the 'new' keyword was not generating dependencies.
Script Language	Low	When a script function used a Primitive Type in an extension, the core solution was retaining a reference to the type in its classloader. Therefore, if the extension was stopped and restarted, there were two references to the same class, one in the old class loader and one in the new class loader. As a consequence, the converter was unable to find a match between the two classes because they were in different class loaders. This reference was in the descriptions of the ScriptFunctionFunction which was being cached in the Business Object repository cache. The issue has been fixed, as now there is a single reference to the Primitive Type.
Security	Low	Fixed an issue where the KeyStore password was saved as the TrustStore password meaning that the TrustStore could not be accessed. This issue affected versions 6.3.13 - 6.3.20.

Appway Extensions

Feature

Area	Importance	Description
Extension	Low	Relational DB Hazelcast Store Extension 6.2.10: - Feature: Added a job which regularly reconnects to all tables.
Extension	Low	Web Services Extension 2.3.35: - Feature: Integration Link: The Rest Client Component (RAW Rest Client) and the REST Service Component (Rest Client) now return REST Response Headers into Exchange Headers. To retrieve them, use the exchange header 'restClientResponseHeaders'. - Feature: WebService: Rest Client Component: Added the possibility to configure Expect Continue Handshake from the RAW Rest Client Integration Link Component. - Bugfix: Fixed an issue which caused blank spaces in query strings to be encoded with '+' instead of '%20' in the Rest Client. Now blank spaces are by default encoded with '%20'.

		Set the 'webservices.blank.as.plus' configuration property to 'true' to encode blank spaces with '+' instead. - Bugfix: WebService: Fixed an issue which caused several empty script contexts to pile up after an Integration Link containing the REST Service Component was called. - Bugfix: Fixed an issue which prevented the Integration Link REST Service Component from listing parameters starting with a name using the '$' symbol. - Bugfix: TranslateFrom function: Fixed a bug which caused exceptions while parsing XMLs with comments. - Bugfix: TranslateFrom function: The TranslateFrom function now has new patterns which explicitly handle null values for the following primitives: Boolean, Integer, Long, Float, Double. - Bugfix: SOAP: Fixed an issue which caused a NullPointerException in ElementImpl.addTextNode when a null value was assigned to the SOAP Header text.
Extension	Low	Web Services Extension 2.3.36: - Feature: REST Headers for service clients generated with REST Web Services wizard can now be dynamically added/overridden. Headers can also be dynamically added/overridden with the headers property from the Rest Client Integration Link. - Bugfix: Added optional dynamic inbound and outbound patterns to REST method function creation plus static patterns from UI.

Change

Area	Importance	Description
Extension	Low	Component Extension 6.3.22: Adaptive Flow Layout ---------- - Bugfix: Fixed an issue that prevented full width elements from growing when increasing the screen size (resizing). Date Picker ---------- - Change: The popup menu on medium-sized device touch screens now closes when scrolling in order to prevent the popup from detatching and moving around in the screen. - Change: The user can now tab between the elements in the popup (Year, Month, and Today buttons). - Change: It is now easier to navigate through the fields contained in the DatePicker. When pressing the Tab key on the last element, the focus goes back to the first field, when pressing Shift + Tab on the first field element, the focus moves to the last field. - Change: The date is now selected when pressing Enter on the Today button.