Remarks

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Release notes with changes since version 10.1.0.

For upgrade information when upgrading to Appway 10.x from Appway 9.1.x, see the 'System
Upgrade: 9.1 to 10.x' article:
https://community.appway.com/screen/kb/article/system-upgrade-9-1-to-10-x-1913013030042

For new Appway 10 installations, see:
- System Installation guide: https://community.appway.com/screen/kb/article/system-
installation-appway-10-1901075430266
- System Installation Using Containers guide:
https://community.appway.com/screen/kb/article/system-installation-using-containers-appway-10-
1951018786136

For documentation of new and existing features, see the Appway Knowledge Base at:
https://community.appway.com/screen/kb

For information on deprecated and removed features in Appway 10, see:
https://community.appway.com/screen/kb/article/feature-removal-and-deprecation-with-appway-10-
1869373509251

For information on Known Issues, see:
https://community.appway.com/screen/kb/article/appway-10-known-issues-1879068360031

For information on the Appway product lifecycle, see:
https://community.appway.com/screen/kb/article/appway-releases-product-lifecycle-and-end-of-
support-1753664569425
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Appway Platform (Core)

Feature

Area	Importance	Description
Data Class Editor	Medium	It is now possible to filter the items shown in the Data Class Editor. The filter applies to Property names, Function and Static Function names, Data Classes (in the 'Inheritance' tab), and Behavior names.
Data Logic	Medium	Added missing Script Function 'DataLogic:EvaluateDataRules', which allows executing and obtaining the results of Data Rules defined in a given Data Logic considering a given set of assigned variables. See documentation: https://community.appway.com/screen/kb/article/data-logic-business-object-1739928404187.
Script Functions	Medium	Added a new collection function 'Collection:RemoveElementFromIndexed' to remove an element from a collection using the given value. Auto-migration to the new function is in place. See also: Functions Extension 6.1.4 Release Notes See documentation: https://community.appway.com/screen/kb/article/feature-removal-and-deprecation-with-appway-10-1869373509251#232-other-deprecated-functions https://community.appway.com/screen/kb/article/script-language-function-reference-1641896132117

Change

Area	Importance	Description
Process Instance Details modal	Medium	The 'Process Instance' modal window ('Solution Maintenance' > 'Process Instances' > [right-click] > 'Details') has been made bigger. Moreover, the column width in the 'Tokens' tab has been adjusted to fit the column content.

Bugfix

Area	Importance	Description
Application Servers	Low	Upgraded the third-party Java library PJL Compressing Filter from version 1.8-1 to version 1.8-2. The new version contains a custom patch to make the library compatible with versions of Apache Tomcat released since September 2020. The same patch also fixes a

		problem that prevented browsers from caching certain JavaScript and CSS files. This solves Known Issue KI-100-14: https://community.appway.com/screen/kb/article/appway-10-known-issues-1879068360031#fixed-issues-in-the-core-platform
Cluster	Low	Fixed an issue where exception stack traces were produced during startup, due to the 'hazelcast.initial.min.cluster.size' property.
Data Class Editor	Low	Fixed an issue that caused Data Class metadata to appear in read-only mode when accessed through the 'Edit Metadata' menu on the Editor header.
Data Class Editor	High	Fixed an issue that prevented filling the 'Description' field for Data Class properties ('Properties' tab), and triggered a validation message when inserting an empty description. This solves Known Issue KI-101-21: https://community.appway.com/screen/kb/article/appway-10-known-issues-1879068360031#fixed-issues-in-the-core-platform
Data Logic	High	It is now possible to set the 'Allow Multiline' checkbox in Single Property Expression Data Rules again. This solves Known Issue KI-101-15: https://community.appway.com/screen/kb/article/appway-10-known-issues-1879068360031#fixed-issues-in-the-core-platform
Data Logic Editor	Low	Fixed an issue where clicking twice quickly on the arrow expanding the 'Variable Assignments' section opened the corresponding Business Object instead of the Variable Assignments.
Editors	Medium	Fixed an issue, occurring in the Data Class and Data Logic Editors in some cases, where opening a Business Object selector (Label, Data Class, and so on) and scrolling down to select a value might cause the selector to flicker. This issue did not prevent selecting a value, though. This solves Know Issue KI-101-17: https://community.appway.com/screen/kb/article/appway-10-known-issues-1879068360031#fixed-issues-in-the-core-platform
Import/export	Medium	Fixed an issue that caused PDF Output Business Objects to be included in the export twice (i.e. both in 'awexport' and 'awdeployment' exports), leading to an unnecessarily large size of the exported file.
JMX	Medium	A 'Class Not Found' Exception is now avoided by removing hidden dependencies in JXM Beans-related classes.
Screen Components - Actions	Low	Fixed an issue where the 'Enabled' field for server-side component Actions was evaluated in all Screen rendering phases. With this fix, such field is evaluated only in the Screen rendering phase specified in the Action configuration itself.
Security	Low	Appway now adds HTTP headers 'Cache-Control' and 'Pragma' to login and logout pages.
Security	High	User Profiles: Secured code to avoid XSS attacks from the user's id.
Validation	Medium	The two methods DataEntity.getId() and DataEntity.getDataEntityId() are no longer restricted and, therefore, do not issue a validation warning if used.
Value Store Splitting	Low	Fixed an issue where warnings were logged when loading a Value Store multiple times.

Appway Extensions

Feature

Area	Importance	Description
Extension	High	DefaultIcons Extension 4.1.0: The DefaultIcons Extension now includes the icons used in the Data Gathering
Extension	Medium	Functions Extension 6.1.4: Script Functions: Added a new collection function 'Collection:RemoveElementFromIndexed' to remove an element from a collection using the given value. Auto-migration to the new function is in place. See documentation: https://community.appway.com/screen/kb/article/feature-removal-and-deprecation-with-appway-10-1869373509251#232-other-deprecated-functions

		https://community.appway.com/screen/kb/article/script-language-function-reference-1641896132117
Extension	Low	RelationalDbHazelcastStore Extension 15.2.2: Feature: Added the `com.nm.cluster.relationaldb.batching.enabled` configuration property to disable batching.

Change

Area	Importance	Description
Extension	Low	WorkitemFinder Extension 4.1.1: The 'Max Page Size' limit (previously set to 50) has been removed in the WorkitemFinder Extension.

Bugfix

Area	Importance	Description
Extension	High	Component Extension 10.1.1: - Default Styles. Fixed an issue where 'Icon' Style Business Objects in the Base Package displayed the wrong default colors. Namely: Button_IconDescriptive, Button_IconQualifier, Icon_inverted, Button_IconDescriptive, Link_Icon, Button_IconDescriptive-navigationToParent, Button_IconQualifier-navigationToParent, Button_IconDescriptive-secondary, Button_IconQualifier-secondary. This solves Known Issue KI-101-19: https://community.appway.com/screen/kb/article/appway-10-known-issues-1879068360031#fixed-issues-in-extensions - Form. Fixed an issue where the icon of the 'Add element' button displayed on the 'Form' Screen Component had the wrong default color. This solves Known Issue KI-101-18: https://community.appway.com/screen/kb/article/appway-10-known-issues-1879068360031#fixed-issues-in-extensions
Extension	Low	Functions Extension 6.1.5: Script Language / Auto-migration: Auto-migrations that involve $this and $super variables now work correctly.
Extension	High	Functions Extension 6.1.3: - Wrong auto-migration removed: $list.removeElement($element) is no longer automatically migrated to Collection:RemoveElementAtIndex($list, Collection:GetIndexOf($list, $element)). This migration was wrong, because the return value of Collection:GetIndexOf() must not be used as input for Collection:RemoveElementAtIndex(). Furthermore, reverse auto-migration was added to fix Solutions which already executed the above-mentioned auto-migration. - Fixed an issue where the FileChecksum function was returning an incorrect value, omitting the leading zero.
Extension	Low	ProcessUsageTracker Extension 3.0.1: Fixed an issue where the ProcessUsageCommitListener acquired a write lock when retrieving a Process Instance, thus preventing the import of the Process Instance itself.