Remarks

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Release notes with changes since version 10.0.1.

For upgrade information when upgrading to Appway 10.0 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 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
Java Execution Control	Low	All Primitive Types registered in the Appway Core Platform or by Extensions are now whitelisted. See: https://community.appway.com/screen/kb/article/system-upgrade-9-1-to-10-x-1913013030042#313-validation-warnings-generated-by-usages-of-java-in-the-scriptlanguage
Script Language	Medium	Some Script Functions have been annotated as 'Discouraged Usage'. A Discouraged Usage Script Function can be replaced by another suggested Script Function, but cannot be migrated automatically. Discouraged Script Functions are still executable in your Solution, but we strongly encourage you to adopt the replacement Function instead. Note the following information on discouraged Script Functions in the Interactive Script Editor: - They return an 'Info' validation message that suggests using replacement functions - They cannot be autocompleted - They are not returned in the search field For complete information, see: https://community.appway.com/screen/kb/article/feature-removal-and-deprecation-with-appway-10-1869373509251#233-discouraged-usage-script-functions
System Info	Low	A new job logs system information regularly. It prints the following information: Appway Version, Cluster Size, Node Name, CPU Cores, Max VM Memory, Cluster Storage type.

Change

Area	Importance	Description
Script Language	Low	Improved the description of 'Collection' functions to better describe accepted arguments.
Script Language	Medium	Some changes in null handling have been performed in the following Script Functions: 'Collection:ContainsElement', 'Collection:GetIndexOf', 'Collection:ListIndicesOf', 'Collection:ListNamesOf', 'Collection:HasName'. Check the updated function descriptions in the Script Editor.
Script Language	Medium	The 'Collection:Size' function now accepts null collections and returns 0 for them.
Security	Low	Upgraded the following third-party Java library: Jackson Databind from version 2.9.10.4 to version 2.9.10.5.

Bugfix

Area	Importance	Description
Data Logic	Low	Fixed an issue in 'Correctness Expression' Rules that prevented the 'Allow multiline' setting

		to be handled correctly when the 'Expression property' of the Rule was empty.
Data Logic Editor	Low	Fixed an issue that caused 'Data Logic' Business Objects not to be updated correctly when the ID of a 'Catalog' Business Object used in a 'Catalog' Data Rule was refactored.
Script Language	Low	DELETEDIRECTORY: In order to prevent accidental deletion of Appway Data Home, an empty string is no longer accepted as an argument.
Script Language	Low	The 'Collection:GetIndexOf' Script Function is null-safe, thus behaving as the previous INDEXOF function. See also: https://community.appway.com/screen/kb/article/feature-removal-and-deprecation-with-appway-10-1869373509251#2314-other-namespaced-functions.
Value Store Splitting	Low	Fixed an issue where a Value Store was split although marked as non-splittable due to invalid links in the Value Store.

Appway Extensions

Feature

Area	Importance	Description
Extension	Low	BusinessDataStorage Extension 1.5.2: - The script function BDSFindDataClassInstances now returns the results in the order specified by the 'ORDER BY' clause of the SQL query.
Extension	Medium	RelationalDbHazelcastStore Extension 15.2.0: - Feature: Added query timeouts to stop long running queries in RelationalDbHazelcastStore - Bugfix: processSLAs table has been added to DDL statements
Extension	Low	StatisticsCollector Extension 6.0.2: HTTP Request Statistics are now collected. See: https://community.appway.com/screen/kb/article/statistics-collector-extension-1696907405798#13-http-request-statistics

Change

Area	Importance	Description
Extension	Medium	Functions Extension 6.0.7: - Change: Annotation has been changed from 'Deprecated' to 'Discouraged Usage' for the following functions: DIFFERENCE, INTERSECTION, UNION, REVERSE, KEYS, VALUES, FILTER, MAP, SIZE. See also Appway Platform (Core) 10.0.2 Release Notes. See details: https://community.appway.com/screen/kb/article/feature-removal-and-deprecation-with-appway-10-1869373509251#233-discouraged-usage-script-functions - Change: Auto-migration has been removed for the following Script Functions: KEYS, FILTER, MAP, VALUES, REVERSE. See details: https://community.appway.com/screen/kb/article/feature-removal-and-deprecation-with-appway-10-1869373509251 - Feature: Added the File:ListDirectoryContent function. See: https://community.appway.com/screen/kb/article/script-language-function-reference-1641896132117#filelistdirectorycontent - Bugfix: Fixed an issue where ExecNullSafe returned a warning when a collection argument was passed. - Bugfix: Value Store Splitting: Fixed an issue where a Value Store was split although marked as non-splittable due to invalid links in the Value Store. See also Appway Platform (Core) 10.0.2 Release Notes

Bugfix

Area	Importance	Description
Extension	Medium	WebServices Extension 2.11.2

		- Bugfix: Starting from WebServices Extension 2.10.1, the Joda Time library dependency was removed, and standard modern Java date-parsing features (java.time) was introduced instead. Compared to WebServices Extension 2.10.1, the following change now applies: - If time is provided: milliseconds (optional) have 1-9 digits Therefore, the pattern applied is "uuuu-M-d['T'H:m:s[.SSSSSSSSS][.SSSSSSSS][.SSSSSSS][.SSSSSS][.SSSSS][.SSSS][.SSS][.SS][.S][XXX][XX][X]]". See also: https://community.appway.com/screen/kb/article/system-upgrade-9-1-to-10-x-1913013030042#312-changes-in-the-date-parsing-feature-in-webservices-extension-210-and-later - Feature: The default order of properties rendered to JSON in the TranslateTo function is now the same as the order defined in the Data Class. To use the previous (alphabetical) order, you need to set the extension configuration property 'webservices.translateTo.json.sortPropertiesByName' to 'true'.