Remarks

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Release notes with changes since version 7.2.3.

Upgrade notes when upgrading from 7.1.x:
- With Appway 7.2, behavior has changed if you call 'setValue(...)' on a DataValue which has
been added to a Named or Indexed Collection. See the 'DataValue Changes' section in 'System
Upgrade: 6.3 to 7.x' for details on how to check if your solution is affected by this change:
https://community.appway.com/screen/kb/article/system-upgrade-6-3-to-7-0#17-datavalue-changes
- From Appway 7.2, IMap.flush() should no longer be used in solutions. See the 'Usage of
IMap.flush()' section in 'System Upgrade: 6.3 to 7.x' for more details:
https://community.appway.com/screen/kb/article/system-upgrade-6-3-to-7-0#18-usage-of-imapflush
- If your Appway installation uses a Relational database or Cassandra as a cluster storage
backend, you need to create the 'cryptopasswords' table. You can create this table manually or
use the automated approach available from Appway 7.2 if using a Relational database. See the
'Cluster Storage Update' section in 'System Upgrade: 6.3 to 7.x' for details:
https://community.appway.com/screen/kb/article/system-upgrade-6-3-to-7-0#22-cluster-storage-
update

Additional upgrade notes when upgrading from 7.0.x:
- If your Appway installation uses a Relational database or Cassandra as a cluster storage
backend, you need to create the 'piindexdefinitions', 'piindexstatuses', 'piindexdata', and
'piindexdatasizes' tables. You can create these tables manually or use the automated approach
available from Appway 7.2 if using a Relational database. See the 'Cluster Storage Update'
section in 'System Upgrade: 6.3 to 7.x' for details:
https://community.appway.com/screen/kb/article/system-upgrade-6-3-to-7-0#22-cluster-storage-
update
- To provide better guidance and avoid inadvertent styling specification errors, the
possibility to use 'not set' as a value for style references inside 'Style' Business Objects
was removed. In the unlikely situation that 'not set' was used to define a style reference,
validation returns an error in Appway 7.1. Fix the issue by specifying a 'Style' Business
Object for the affected style reference(s).

For details on upgrading to Appway 7.2 from Appway 6.3, see the article: 'System Upgrade: 6.3
to 7.x' at:
https://community.appway.com/screen/kb/article/system-upgrade-6-3-to-7-0

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

For a list of documentation created for Appway 7.2, see here:
https://community.appway.com/screen/support/news/what-s-new-in-the-knowledge-base#whats-new-
december-2017

For information on Known Issues in Appway 7.2, see:
https://community.appway.com/screen/kb/article/appway-7-known-issues

For information on deprecated and removed features in Appway 7.0, 7.1, and 7.2 see:
https://community.appway.com/screen/support/news/feature-removal-and-deprecation-planned-with-
appway-7-0

https://community.appway.com/screen/kb/article/feature-removal-and-deprecation-with-appway-7-1
-and-8-0
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Appway Platform (Core)

Change

Area	Importance	Description
Value Store Splitting	Low	A Value Store is now marked as dirty when meta data changes.
Value Store Splitting	Low	A Value Store is now marked as non-splittable if it contains exposed entities (e.g. if some of its Data Objects are also stored in the Application Cache).
Value Store Splitting	Low	Added a splittable flag to Value Stores.
Value Store	Low	Data Object instances are now resolved before storing them outside of the Process

Splitting		Context. This ensures that no partially loaded Data Entity graphs exist outside of the Process Context (e.g. in the Application Cache).
Value Store Splitting	Low	The MergeValueStore function now cleans all Data Entities, matching the behavior of automatic merging.
Value Store Splitting	Low	The SplitValueStore function now marks Value Stores as dirty which forces the Data Entities to detach and populate the distributed map correctly.

Bugfix

Area	Importance	Description
Case Template Editor	Low	A meaningful validation message is now returned if you select a Catalog without any columns on the Correctness Rules tab.
Interactive Script Editor	Low	Fixed an issue where the current Package context was lost because the context was not passed in the URL parameters.
Refactoring	Low	Business Object metadata keys and values were treated incorrectly, meaning that embedded Label identifiers were not refactored.
Startup	Medium	Fixed an issue where index version files were being corrupted which prevented nodes of a cluster from starting correctly in some cases. If necessary, the indexes are rebuilt automatically. This action will also update the index version files.
Style Business Object	Medium	Fixed an error in the preview which occurred when opening a Style Business Object while running Appway on WebSphere Liberty Profile.

Appway Extensions

Feature

Area	Importance	Description
Extension	Low	Functions Extension 3.0.7: - Feature: Added the AnalyzeSplittableValueStore function which retrieves information about splittable Value Stores.
Extension	Medium	JMXBrowser Extension 2.1.0: - Feature: Upgraded the JMiniX library to version 1.2.0. - Change: Renamed Appway's JMX Browser implementation to 'JMX Browser (Appway)'. - Bugfix: Disabled the JMX mini console by default to protect against Cross-Site Request Forgery (CSRF) attacks. Set the 'jminix.servlet.enabled' configuration property to 'true' to enable the JMX mini console.
Extension	Low	MemoryAnalysis Extension 0.4.2: - Feature: Added statistics about Hazelcast Near Caches. - Feature: Improved object size calculation. - Feature: Added an option to request Garbage Collection before collecting memory statistics.

Change

Area	Importance	Description
Extension	Medium	Charting Extension 5.0.2: - Change: Security: Implemented protection against Cross-Site Request Forgery (CSRF) attacks.

Bugfix

Area	Importance	Description
Extension	Low	Component Extension 7.2.4: - Bugfix: Phase Chevron: Fixed a bug where the 'Phase Chevron' Screen Component was displayed incorrectly in Windows 7 in Internet Explorer 11. - Bugfix: Adaptive Flow Layout: Fixed a bug where the width of the fields was reduced when an 'Ajax Update Area' action was triggered.

		- Bugfix: Icon and Info Box: Fixed a bug where 'Icon' and 'Info Box' Screen Components with defined tooltip texts did not display the expected values when hovered. - Bugfix: Dropdown List and Date Picker: Fixed a bug where the 'Dropdown List' and 'Date Picker' Screen Components did not display their content correctly on devices once opened. - Bugfix: Filter Tray: Fixed a bug in the 'Filter Tray' Screen Component where a 'Sort By' filter containing more than two values did not display the selected value correctly after a page refresh.
Extension	Low	DataAuditTrail Extension 3.4.1: - Bugfix: Refactoring Catalog IDs is now supported.
Extension	Low	DataStore Extension 3.3.11: - Bugfix: Fixed DROP TABLE statement in MS SQL Server database when a schema is provided. - Bugfix: Fixed DsRelation table index names for the H2 database.
Extension	Low	Inbox Extension 1.3.3: - Bugfix: Fixed a NullPointerException in WorkItemMyCasesFilter which occurred when a Workflow Token was not assigned to a Swimlane.
Extension	Low	WebServices Extension 2.7.6: - Bugfix: Fixed a StackOverflowError which occurred when importing a WSDL file. - Bugfix: The RestClientComponent password is now migrated correctly even if no password for the proxy is configured.
Extension	Low	WebServices Extension 2.7.8: - Bugfix: Fixed an issue where, when WSDL files were imported into a Package, not all Data Classes were imported. - Bugfix: Fixed an issue where SOAP and REST service test methods did not open in the Package where the service client was actually defined. - Bugfix: Fixed an issue where XML Serialization did not take into account the maximum depth of the tree configured or its default value of 10 levels. - Bugfix: Fixed an issue where query parameters were overwritten. - Bugfix: Fixed an issue where custom headers for a specific REST method replaced other method headers in the REST Client.