Remarks

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Release notes with changes since version 7.2.1.

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
Data Sources	High	Added two new configuration properties with the following default values to the JDBC Data Source configuration dialog: - Time between eviction runs (ms) = 30000 - Min Evictable Idle Time (ms) = 600000 This solves issues which occurred when a firewall dropped DB connections and these connections were not cleaned but re-used later.
Processes	Low	Added support to allow filtering by Process ID when using the ProcessInstancePredicate function.

Bugfix

Area	Importance	Description
Case Template Editor	Low	Fixed an issue on the Correctness Rule tab which occurred when items selected in the Data Class or Property fields were deleted. In this case, these fields no longer correctly displayed the actually selected item.
Obliteration	Medium	Fixed an issue which made it possible to obliterate the latest committed version of a Package.
Obliteration	Low	The initial selection of versions displayed when accessing the Obliteration window was not consistent with the preselected date (the current time was applied instead of 00:00).
Packages	Low	The Review Permissions and Review Properties steps of the Move Business Objects wizard now sort Business Objects by type just like other lists in the Studio.
Packages	Low	When uploading a new SVG icon to a Package, the icon preview is now displayed correctly.
Studio	Medium	Some dates and times shown in the Studio were based on the time zone of the client. All dates and times in the Studio were unified to use the time zone of the server.
Value Store Splitting	Low	Fixed this issue: When using Value Store Splitting, empty Data Objects could not be parsed at startup and were not available for use.

Appway Extensions

Feature

Area	Importance	Description
Extension	High	ChatChannel Extension 1.0: The Chat Channel is a new Screen Component based on Case Management. Like the Form Channel, the Chat Channel is an Interaction Channel which automatically "translates" the settings of a Case Template into a UI with which users can interact. Note: To use the 'Chat Channel', which is implemented as a Screen Component, the Chat Channel extension must be installed (compatible with Appway versions from 7.2.1). The use of this extension is subject to a dedicated license agreement. For more information, see: https://community.appway.com/screen/support/news/new-release-chat-channel
Extension	Medium	RelationalDbHazelcastStore 12.1.0: - Feature: Enabled the Idle Object Evictor thread for the database connection pool by default and added two new configuration properties with the following default values: - com.nm.cluster.relationaldb.jdbc.connectionpool.timeBetweenEvictionRuns = 30000 - com.nm.cluster.relationaldb.jdbc.connectionpool.minEvictableIdleTime = 600000 This thread solves issues which occurred when a firewall dropped DB connections and these connections were not cleaned but re-used later. - Feature: Three properties for the database connection pool with the following default values are now configurable (were previously hard-coded): - com.nm.cluster.relationaldb.jdbc.connectionpool.maxActive = 40 - com.nm.cluster.relationaldb.jdbc.connectionpool.maxIdle = 40 - com.nm.cluster.relationaldb.jdbc.connectionpool.maxWait = 10000

Bugfix

Area	Importance	Description
Extension	Low	Component Extension 7.2.2: - Bugfix: Adaptive Flow Layout Group: Fixed an issue where the 'Adaptive Flow Layout Group' header was no longer responsive when applying the 'Adaptive Flow Layout Group' Style Business Object. - Bugfix: Adaptive Flow Layout: Fixed an issue where 'Adaptive Flow Layout Full-Width Element' Screen Components were not correctly aligned.