Remarks

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Release notes with changes since version 7.2.9.

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
```

Appway Platform (Core)

Change

Area	Importance	Description
Cluster	Low	The default hashing algorithm used by the Process Instances lock pool (Java HashCode) can now be configured by changing the following property: nm.cluster.lockpool.processinstances.hash.algorithm. Possible values are: hashCode, md5, sha256, crc32, murmur3, sipHash24.

Bugfix

Area	Importance	Description
Interactive Element	Low	Fixed an issue where all Screen Components using Interactive Elements did not render

		icons correctly when the property `nm.workspace.icons.preferredIconType` was set to PNG.
Interactive Element	Low	Fixed an issue where Interactive Element icons different from the default ones were not inherited correctly by children 'Style' Business Objects.
JBoss	Medium	The path to the BouncyCastle library in jboss-deployment-structure.xml was updated, thus preventing JBoss from throwing a SecurityException at startup.
Link	Low	Fixed an issue in the 'Link' Screen Component using Legacy Styles where the icon was not displayed even if the 'Has Icon' property was selected.
Screen Components	Low	The 'Checkbox' and 'Radio Button' Screen Components using Legacy Styles are now highlighted when the user focuses on them.
Script Functions	Low	Patched the iText 2.0.4 library to fix an issue where the first page was duplicated when using the MergePDFFiles function.
Script Language	Low	Fixed an issue where adding a Script Function to a Data Class generated an unnecessary validation error.
Script Language	Low	Fixed an issue where an error occurred when using the NEW constructor inside the NEW function.
Style Business Objects	Low	Fixed an issue regarding µ units in Style Business Objects. Due to this issue, Style Business Objects were incompatible with Workspace CSS version v1 and v2. If you are on Workspace CSS v1 or v2, note that any custom CSS using rem units needs to be adapted to use a different unit when upgrading to this patch version and planning to gradually adopt Style Business Objects.
Workspace	Low	Fixed an issue on IE11 where the mandatory icons caught the focus when using tab navigation.
Workspace	Low	When an 'Ajax Update Area' Action is triggered, the focus is now set to the field that was focused before the Ajax update (and no longer to the first field of the page), if this field has an HTML ID explicitly defined. This allows a normal flow when tabbing through the fields of a Screen. This fix applies to Screen Components using legacy styling.

Appway Extensions

Feature

Area	Importance	Description
Extension	Low	Statistics Collector Extension 3.5.0: IMPORTANT NOTE: The Statistics Collector extension 3.5.0 is only compatible with Appway 7.2.10 and higher. - Feature: Process Instance Lock Pool statistics are now collected. - Change: Some enhancements have been performed on CSV outputs (column names, column order, and so on). - Bugfix: The ResetStatistics function now cleans statistics directories on all nodes (not only local directories).

Change

Area	Importance	Description
Extension	Low	Inbox Extension 1.4.2: - Change: The searchCriteria, sortCriteria, and pageCriteria parameters of the GetInboxWorkitems function are now optional.

Bugfix

Area	Importance	Description
Extension	Low	Chat Channel Extension 1.0.1: - Bugfix: The error message "Property Write-Method not found" is no longer displayed during start-up.
Extension	Low	Component Extension 7.2.10:

		Adaptive Tab ---------- - Bugfix: The component now behaves correctly when custom CSS is used to change the width of the tabs. Multiple Selection Field ---------- - Bugfix: Data binding now works correctly on mobile devices. - Bugfix: The placeholder text is no longer shown in disabled mode when items have been selected.
Extension	Low	Component Extension 7.2.11: IMPORTANT NOTE: Component Extension 7.2.11 is only compatible with Appway 7.2.10 and higher. Form Channel ---------- - Bugfix: Fixed the following issue: When users click on an End Case action in a Form based on the 'Form Channel' Screen Component without removing the focus from a field that was filled in: An error is generated, and the fields the user was editing are not updated, due to a race condition. - Bugfix: Fixed an issue where labels in the 'Form Channel' Screen Component appeared as disabled even when the related field was enabled. - Bugfix: Fixed an issue where the 'Form Channel' Screen Component returned a screen error when you entered text in a field expecting a number (with a 'Double' data type). The field returning the error is now simply highlighted in red and the error is described below. Ajax Update Area ---------- - Bugfix: Fixed the following issue: when a Screen contained two 'Text Field' Screen Components linked to an 'Ajax Update Area' Action triggered by an 'onblur' Event, the Screen got darker after each Ajax update. Text Field with Rich HTML Suggestions ---------- - Bugfix: Fixed an issue where the 'Text Field with Rich HTML Suggestions' Screen Component used the wrong method (POST instead of GET) with HTTP requests, thus preventing the component from working correctly. Infobox ---------- - Bugfix: Unicode characters defined in the 'Tooltip' property of the 'Infobox' Screen Component are now decoded correctly when rendering the 'Infobox' tooltip. Dropdown List and Multiple Selection Field: ---------- - Bugfix: Fixed an issue where special characters in the 'Dropdown List' and 'Multiple Selection Field' Screen Components were shown as escaped when filtering text.
Extension	Low	DefaultIcons Extension 2.0.1: - Bugfix: Restored the 'Remove File - Solid' and 'Shipping - Solid' icons. - Bugfix: Restored the colors in 'Status SLA Disabled', 'Status SLA Ok', 'Status SLA Overdue', 'Status SLA Warning', 'Yes - Solid', and 'No - Solid'. Note: The revised icons available with v2.0.0 and higher are applied automatically when DefaultIcons 2.0.1 is installed. To keep the previous styling of icons, you can continue to use version 1.2.3 of the extension which is compatible with all 7.2.x versions of Appway.
Extension	Medium	SPNegoAuthenticator Extension 1.0.9: - Bugfix: Fixed an issue which blocked User Delegation when calling endpoints using Kerberos.