Remarks

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Release notes with changes since version 8.1.1.

For upgrade information when upgrading to Appway 8.1 from Appway 7.2, see the 'System Upgrade:
7.2 to 8.x' article:
https://community.appway.com/screen/kb/article/system-upgrade-7-2-to-8-x-1633271182989

For upgrade information when upgrading to Appway 8.1 from Appway 8.0.x, see this section of
the 'System Upgrade: 7.2 to 8.x' article:
https://community.appway.com/screen/kb/article/system-upgrade-7-2-to-8-x-
1633271182989?version=8#323-new-default-values-in-style-business-objects-with-appway-81

For new Appway 8.1 installations, see the Installation Guide:
https://community.appway.com/screen/kb/article/system-installation-appway-8-1657699102392

For information on Known Issues in Appway 8.1, see:
https://community.appway.com/screen/kb/article/appway-8-known-issues-1681371580713

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

For an overview of the documentation of new Appway 8 features, see:
https://community.appway.com/screen/kb/article/system-upgrade-7-2-to-8-x-1633271182989#33-
adopting-new-features

For information on deprecated and removed features in Appway 8.0, see:
https://community.appway.com/screen/kb/article/feature-removal-and-deprecation-with-appway-7-1
-7-2-and-8-0-1531605514219

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)

Change

Area	Importance	Description
3rd Party Library	Low	Due to the migration of the build system from Ant to Gradle, the file names of all third-party Java libraries bundled with Appway have changed.
Licensing	Low	When changing the License File or at system startup, assigned licenses with Package IDs that are not present in the current License File are unbound, otherwise they are kept.
Packages	Low	When creating a new Package, Appway now checks whether the specified Package ID is on a list of "reserved names". This protects you from running into ID conflicts with future Packages deployed by Appway. The list of reserved names contains IDs of existing and planned Appway Packages (for example 'DesignSystem'), names of Appway Extensions (for example 'WebServices'), types of Appway Business Objects (for example 'Process'), and names of existing and potential future Function Namespaces (for example 'Math'). If you enter such an ID in the "Create Package" wizard, an error message is displayed. Example: "Package ID 'WebServices' is reserved for use by Appway." In addition, Package Validation has been improved to generate a validation warning if an already existing non-Appway Package uses a reserved ID.
Packages	Low	The Package Validation functionality available on the Maintenance tab of a Package now allows you to select the version to validate: either the Head version (default) or the Latest Committed version of all Business Objects contained in the Package.

Bugfix

Area	Importance	Description
Case Engine	Low	Fixed an issue that caused the Case Engine to fail when processing Data Properties or variables which contain a null collection.
Case Task	Medium	Fixed an issue that prevented the correct cleanup of scopes when a Process Token was moved away from a Case Task.
Data Class Editor	Low	Improved the validation of duplicated properties in the hierarchy of Data Classes.

Error Page	Low	Fixed missing dependencies of the default Screen `aw.errorpage.ErrorPage`.
File Upload (Legacy)	Low	Fixed an issue that prevented Validation messages from being displayed on File Upload (Legacy) Screen Components.
Licensing	Low	Changing the license assignment rules on one node now triggers a reload of the license assignment rules on all other nodes. This ensures that all nodes see the same license assignment rules.
Licensing	Low	The System KPIs which are retrieved from the System Report are now always included in the License Report.
Platform	Medium	Fixed a class loading issue in WebSphere Liberty which caused a ClassCastException and other errors when storing or loading Business Objects.
Screen Editor	Low	Fixed an issue where 'S' was added next to the component name in the Composition Area for the Info Table and List Screen Components, despite a Style Business Object being assigned ('S' indicates the use of legacy styles).
Text Field	Low	Fixed an issue occurring for Text Field Screen Components with Type=Number, where numbers with more than three digits were not preserved when submitting.

Appway Extensions

Feature

Area	Importance	Description
Extension	Low	ProcessUsageTracker Extension 1.1.0: The new ProcessUsageTracker extension collects usage statistics (started, updated, stopped) for top-level Processes in Appway Solutions. These statistics can be accessed in the license report. This is a core extension and must be installed on every Appway instance.

Change

Area	Importance	Description
Extension	Medium	Component Extension 8.1.2: File Chooser ---------- - Feature: The File Chooser 'Style' Business Object now displays the 'Drag' state and some related styling properties. These allow customizing the way the 'File Chooser' Screen Component is visually highlighted when dragging some content to upload into the screen. - Bugfix: Fixed an issue where the uploads in progress and the 'Progress Popup (virtual)' Screen Component were not removed even after the 'File Chooser' Screen Component had been destroyed. Multiple Selection Field ---------- - Change: The 'Select All' button has been removed from the component. Please, note this change was already available with 8.1.1. Adaptive Flow Layout Group ---------- - Bugfix: Fixed an issue where the title and the content of an 'Adaptive Flow Layout Group' Screen Component were misaligned when resizing the screen. This issue only occurred when a 'Style' Business Object was applied to the component. Show As Popup Action ---------- - Bugfix: A 'Layout Container' Screen Component displayed by means of a 'Show as Popup' Action and containing an 'Info Table', 'Navigation Menu', 'Adaptive Tab' or 'Phase Chevron' component now expands correctly to occupy the entire space available on the screen, instead of squeezing the content to the minimum width. Info Table Cell ---------- - Bugfix: Fixed an issue in the 'Info Table Cell' Screen Component where the header length was calculated incorrectly when in compact view, thus preventing the contained text from

		being displayed correctly. Form ------- - Bugfix: Fixed issue that caused the 'Form' Screen Component to fail when rendering Data Properties or variables that contained a null collection.
Extension	Low	ScreenPdfRenderKit Extension 3.0.0: - Change: The Screen Audit Variables health sensor now runs every 10 minutes instead of once an hour. - Bugfix: To ensure platform stability, the Screen Audit Variables health sensor checks a maximum of 100 Value Stores when it runs.
Extension	Low	StatisticsCollector Extension 4.3.1: - Change: Improved shutdown handling to avoid a busy loop.

Bugfix

Area	Importance	Description
Extension	Low	HazelcastForceUnlock Extension 4.0.1: - Bugfix: The job is now correctly unregistered when the node is stopping.
Extension	Low	ScriptExecutionJob Extension 3.0.0: - Bugfix: The job is now correctly unregistered when the node is stopping.
Extension	Low	StylePackageTools Extension 1.0.2: - Bugfix: Dependencies between Style Business Objects are now updated correctly.
Extension	Medium	WebServices Extension 2.8.4: - Bugfix: Indexed collections with 'null' elements and named collections with 'null' values are now handled correctly when using TranslateTo() to serialize to XML. This is achieved by adding 'null' elements with the attribute 'xsi:nil="true"' (where the xsi prefix is defined as 'xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"' namespace). - Bugfix: XML elements with the attribute 'xsi:nil="true"' or 'xsi:nil="1"' (where xsi or an equivalent namespace prefix are defined as 'xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"') are now handled correctly when using TranslateFrom() to deserialize XML. This is achieved by setting the corresponding value to 'null' in the Appway Data Class instance.