Remarks

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Release notes with changes since version 10.0.2.

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 Known Issues, see:
https://community.appway.com/screen/kb/article/appway-10-known-issues-1879068360031

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
Data Class Editor	Low	Double-clicking on a Function now opens the Script Editor directly.
Data Class Editor	Low	Double-clicking on a property (Data Class or Primitive Type) now opens the corresponding Business Object.

Change

Area	Importance	Description
Security	Low	Web Application: The new configuration property 'nm.security.http.strict-transport-security.force' can be used to force Appway to always set a 'Strict-Transport-Security' header, even in responses to requests on non-HTTPS connections. This is useful when Appway is running behind a load balancer and the HTTPS/SSL connection is offloaded/terminated at the load balancer. The default value of the new configuration property is 'false', meaning the header is set only if Appway detects an HTTPS/SSL connection. If set to 'true', Appway will always set the header. See documentation: https://community.appway.com/screen/kb/article/http-headers-set-by-appway-to-protect-users-1868135894572

Bugfix

Area	Importance	Description
Data Class Editor	Low	Fixed an issue that caused the Business Object selector popup to change position when opened.
Data Class Editor	Low	Fixed an issue that prevented the deletion of a parent Data Class in specific situations, e.g. when that Data Class contained missing inherited properties.
Data Class Editor	Low	Fixed an issue when opening the Business Object selector popup for Data Class properties where some of the items displayed could not be selected.
Data Logic Editor	Low	Catalog Data Rules: Fixed an issue that caused Variable Assignments for the 'Catalog' Business Object used by a 'Catalog' Data Rule not to be reported in the 'Compare Versions' tool in the Business Object Library.
Data Logic Editor	Low	Fixed an issue occurring when dragging an unfolded Data Class Control out of its parent Data Class Control: after closing the Data Logic Business Object, this could not be opened

		again.
Security	Low	Security: The third-party JavaScript library jQuery has been patched to fix four known security vulnerabilities present in jQuery 2.2.4: CVE-2015-9251, CVE-2019-11358, CVE-2020-11022, and CVE-2020-11023. The patched library has a new version number 2.2.4-1. The fix for CVE-2015-9251 has an impact on an existing solution if it satisfies all of the following conditions: - The solution contains custom JavaScript code. - This JavaScript code sends an ajax request using jQuery's functions "$.ajax", "$.get", or "$.post". - The ajax request is sent to a third-party system, not the Appway server. - The JavaScript code does not set the "dataType" property on the ajax request. - The response to the ajax request has the content type "text/javascript". - The response contains JavaScript code. - The solution expects from jQuery that it immediately executes the JavaScript code in the response. Note that an upgrade to jQuery 3.0.0 or greater would have the same effect. This is not a special behavior of the patched jQuery version, but the official new behavior in jQuery. If a solution is affected by this change, the JavaScript code can be changed so that the ajax request have a "dataType" property set to "script". This tells jQuery that evaluation of the returned JavaScript code is intended. To check whether a solution is potentially affected, run a global search for the jQuery functions "$.ajax", "$.get", or "$.post" in Appway. See documentation: https://community.appway.com/screen/kb/article/system-upgrade-9-1-to-10-x-1913013030042

Appway Extensions

Feature

Area	Importance	Description
Extension	Low	RelationalDbHazelcastStore Extension 15.2.1: Long-running queries now issue warnings. The following extension properties have been added to set the time threshold after which warnings are logged: - com.nm.cluster.relationaldb.warn.threshold.read.query.ms = 20000 - com.nm.cluster.relationaldb.warn.threshold.write.query.ms = 40000 - com.nm.cluster.relationaldb.warn.threshold.delete.query.ms = 20000
Extension	Low	StatisticsCollector Extension 6.0.3: - Data Entities statistics are now collected. - Value Store Splitting statistics are now reset.
Extension	Low	SystemHealthSensors Extension 5.1.1: The Entry Storage sensor computes the duration of the operations and issues errors if the time exceeds the predefined thresholds. The thresholds for the duration of the operations can be configured using the following properties (default values are set to 30000 milliseconds): - SystemHealthSensors.EntryStorage.storeTimeoutMs - SystemHealthSensors.EntryStorage.loadTimeoutMs - SystemHealthSensors.EntryStorage.deleteTimeoutMs See documentation: https://community.appway.com/screen/kb/article/system-administration-system-health-1482807177758#647-entry-storage-sensor

Bugfix

Area	Importance	Description
Extension	Medium	Component Extension 10.0.3:

		Form/Date Picker: Fixed an issue that caused the 'Form' Screen Component to crash when the user entered a date in the Date Picker in an incorrect format.