Release Notes 6.3.4 - Patch Release | 11.05.2016

Remarks
Release notes with changes since version 6.3.3.

Upgrade Notes:
No special actions are required when upgrading from Appway 6.3.3 to 6.3.4.

Appway Platform (Core)

💡 Feature

Area	Importance	Description
Diff Viewer	Low	Show the deleted and committed status of each object inside the version selection dropdown.
HTTP Tracing	Low	HTTP Tracing properties are now persistent system properties. The system properties are kept synchronized accross all cluster nodes. However, it is still allowed to enable HTTP tracing on a single node (using the HTTP tracing settings dialog). The new system properties are: # Tracing # - enabled: flag to turn tracing on or off # - time.threshold: threshold below which requests are not traced [ns] nm.tracing.enabled = false nm.tracing.time.threshold = 0 # Tracing - Request Infos # - collect: flag to enable collecting request infos # - maxnum: maximum number of request infos to keep nm.tracing.requestinfos.collect = true nm.tracing.requestinfos.maxnum = 100 # Tracing - Call Trees # - collect: flag to enable collecting call trees # - maxnum: maximum number of call trees to keep # - threshold.time: threshold below which call tree nodes are not kept [ns] # - threshold.depth: threshold up to which depth call tree nodes are created # - trace.function.calls: flag to enable tracing function calls # - trace.servlet.filters: flag to enable tracing servlet filters nm.tracing.calltrees.collect = false nm.tracing.calltrees.maxnum = 100 nm.tracing.calltrees.threshold.time = 0 nm.tracing.calltrees.threshold.depth = 1000 nm.tracing.calltrees.trace.function.calls = true nm.tracing.calltrees.trace.servlet.filters = true # Tracing - Filter Patterns # - url: include requests based on their URL # - userid: include requests based on the user ID # - clientip: include requests based on the client IP address # - screenid: include requests based on the screen ID nm.tracing.filterpatterns.url = /screen*,/process*,/internal/screen*,/internal/process* nm.tracing.filterpatterns.userid = nm.tracing.filterpatterns.clientip = nm.tracing.filterpatterns.screenid =
Studio	Low	Administration > System > Job Scheduler: The Job Scheduler table now shows if a job is executed on one cluster node or on all cluster nodes.
System Health	Low	Tracing system health sensor added. This sensors rings an alarm when slow HTTP requests are detected. It does nothing if HTTP tracing is disabled. To configure the behavior of this sensor, the following system properties have been added: # Tracing sensor # - time: warn about requests which took longer than 2s [ms] # - calltrees.depth: warn about call trees deeper than 50 levels # - calltrees.nodecount: warn about call trees larger than 40k nodes nm.tracing.warnlimit.time = 2000 nm.tracing.warnlimit.calltrees.depth = 50 nm.tracing.warnlimit.calltrees.nodecount = 40000
Workspace	High	All JavaScript and CSS files necessary for the workspace will now be served as one resource file for each type. There is a new configuration property to control minification of these files "nm.workspace.librarybuilder.minify". It defaults to true.

Change

Area	Importance	Description
Cluster	Low	New distributed map "tracers" added. Which collects profiling information from HTTP tracing.
Configuration	Low	New system property "nm.cluster.tracer.compressor" added. Upgrade Note: If running on a IBM JVM which does not LZ4, change this property to Snappy.
Workspace	Low	For a correct rendering of a Checkbox List, Radiobutton List or Info Table screen component the ComponentExtension is required. If the ComponentExtension is not running but such a screen component is used in a screen, an appropriate message will be rendered instead.

Bugfix

Area	Importance	Description
Cluster	Low	Corrected logging of INFO or WARN messages in ThreadPoolMonitor class.
Diff Viewer	Low	Changed how the description field is deserialized in order to perform on this field exactly the dual operation performed by the DataClassSerializer.
Process Instances	Medium	Ensure modification time is set to a value larger than the save time when a process instance is updated. Not doing so could have led to lost updates on a process instance when the process instance was updated twice within one millisecond.
Studio	Low	Developer Dashboard: Most edited Business Objects widget: Long Business object names were truncated. Now the line with the name is wrapped.
Studio	Low	Library: Business Object Editors: Fixed "Get Help" page context menu entry that got disabled in "read only mode" in all editors.
Studio	Low	Library: Business Object Editors: Sticky headers had an empty space left on top of the sticked header when playing with filtering and resize.
Studio	Low	Library: Business Object Editors: Sticky headers in components section: When typing a filter the section "Screens" appeared twice.

Appway Extensions

Change

Area	Importance	Description
Extension	Low	ComponentExtension 6.3.7: - Bugfix: Notification Alert: Fixed component failing to load its Javascript and CSS resources when the server's context path was null. - Feature: All JavaScript and CSS files will now be served as one resource file for each type. There is a new configuration property to control minification of these files 'nm.workspace.librarybuilder.minfy' (Default is set to true). - Change: BorderLayout Manager: Scroll position of the center area will now be preserved after an ajax update or a page reload. (This feature is only available from Appway version 6.3.4 on.) - Change: BorderLayout Manager: When the west or east region gets bigger in width than the visible viewport then the side regions width will be adapted to fit. - Feature: BorderLayoutManagerTrigger: Now it is possible to change the color of the burger icon of the Border Layout Manager trigger component. - Bugfix: Dropdown List: Now the options are aligned with the dropdown box also on the first display of a dropdown in a screen.

Appway Java SDK

Change

Area	Importance	Description
SDK	Low	Deprecating the com.nm.sdk.data.jobs.Job interface.