Bugfixes Celonis Process Mining 4.7.3.2

BUGFIX #1 - Stories - Empty PDF Document

Problem Description

In the previous version, using static variables in Analyses caused the PDF documents created by the "Stories" feature to be empty.

Solution Description

The usage of static variables no longer affects the correctness of PDF documents attached to Stories.

BUGFIX #2 - Analysis - Component Filter Search

Problem Description

In the previous version, it was not possible to use an underscore ("_") in the search string of the component filter search, for example in OLAP tables.

Solution Description

Underscores are now properly supported in the component filter search.

BUGFIX #3 - Analysis - Scrolling On Touchscreen

Problem Description

In the previous version, using the scrollbar handle of components in the Analysis did not work on touchscreen devices.

Solution Description

The scrollbar handle can now be dragged on touchscreen devices.

BUGFIX #4 - Application Logs - Memory Monitoring

Problem Description

In the previous version, the memory monitoring in the application log files used the wrong scale and displayed MiB instead of GiB.

Solution Description

The memory scale (MiB, GiB, TiB) is now properly logged.

Bugfixes Celonis Process Mining 4.7.3.1

BUGFIX #1 - PDF Export - Legend Color

Problem Description

In the previous version, components were affected by an issue that caused chart legends not to be colored according to the content of the chart.

Solution Description

The legend of chart components is now colored correctly again.

BUGFIX #2 - Log entry - Stories

Problem Description

In the previous versions, the log entry of successful Story delivery via e-mail did not include information about the last editor of the Story object as well as the recipient list.

Solution Description

For auditing purposes, the last editor of the Story object as well as the recipient list was added to the log entry of successful e-mail delivery.

Bugfixes Celonis Process Mining 4.7.3

BUGFIX #1 - World Map - Geographical Error

Problem Description

In the previous version, Crimea was shown as part of Russia in the World Map component.

Solution Description

Crimea is now correctly displayed to be part of Ukraine as suggested by the United Nations General Assembly Resolution 68/262.

BUGFIX #2 - Upgrade Process

Problem Description

In the previous version, customers using Linux (Ubuntu, RHEL, SLES) could encounter issues when trying to upgrade from one hotfix version (4.7.2.x) to another hotfix version (4.7.2.y).

Solution Description

The upgrade validation now works as intended for hotfix versions.

BUGFIX #3 - Stories - Broken Schedule

Problem Description

In the previous version, rare cases with multiple Stories scheduled at the same time could result in the emails being sent out every minute instead of the intended schedule.

Solution Description

Stories now comply with the intended schedule in the cases outlined above.

BUGFIX #4 - Customer Support - Updated Link

Problem Description

In the previous version, the linked URL to request customer support was outdated.

Solution Description

The link was now updated to take customers to https://www.celopeers.com/.

BUGFIX #5 - User Limit - AD Synchronization

Problem Description

In the previous version, the customer was able to synchronize more users from Active Directory than the license permitted. However, CPM4 would no longer be usable as the license due to the license breach.

Solution Description

A user synchronization from Active Directory leading to more users than permitted by the license will now fail and produce a meaningful log exception.

BUGFIX #6 - Transport Import - Malformed Analysis Documents

Problem Description

In the previous version, when importing a transport (CTP) file containing one malformed or corrupted analysis object, the error message was not indicative of the problem. Additionally, temporary Data Models and Analyses from the import were not cleaned up as intended.

Solution Description

The import of transports with malformed or corrupted entries now throws a more meaningful error message in the frontend and the logs. Additionally, transports are either fully imported or not imported. It is no longer possible to import transports partially by accident.

BUGFIX #7 - Logging - Malformed Analysis Documents

Problem Description

In the previous version, in case an analysis object was malformed or corrupted, the application did not log a meaningful exception.

Solution Description

In the rare case that an analysis object is corrupted, the application now writes a meaningful exception to the logs.

BUGFIX #8 - User Locking - Timed Lockout

Problem Description

When a user tries to log in with the wrong password multiple times, the account is supposed to be locked for a certain amount of time (defined in password-rules.properties). However, in the last version, the user was always locked permanently.

Solution Description

The user is now locked according to the rules set in password-rules.properties.

BUGFIX #9 - Authorization Objects - Frontend Limit

Problem Description

In the previous version, the authorization object view in the user profile was limited to 100 values being entered manually. If values were synchronized from a database, more values could be entered but only 100 were displayed in the frontend.

Solution Description

The frontend now adjusts to the amount of values entered, also above 100.

BUGFIX #10 - Data Model - Load Scheduling

Problem Description

In the previous version, there was a bug that led to deactivated load schedules set to CRON being evaluated and throwing an error despite not being active.

Solution Description

Configuration of inactive load schedules is no longer evaluated.

BUGFIX #11 - Data Model - Executor Pools

Problem Description

Previously, export jobs shared the load executor with data model loads. Especially, when `config-custom.properties#model.max.parallel` was set to low values, Data Models could remain in the "Queued" status for long periods of time.

Solution Description

The load executors have been separated to unblock data model load queues.

BUGFIX #12 - MS SQL Configuration Store - Unicode Characters

Problem Description

In the previous version, there was a problem with storing user input containing Unicode characters in instances with an MS SQL Configuration Store, leading to such characters returning as '?'.

Solution Description

Unicode characters are now stored and returned as intended when using an MS SQL Configuration Store.

BUGFIX #13 - Image Component - Missing Assets

Problem Description

In the previous version, the Image component did not display a user-friendly exception message, in case an asset was missing.

Solution Description

The exception was improved to be more meaningful.

BUGFIX #14 - Line Chart - Tooltips

Problem Description

In the previous version, reordering the KPIs of Line Chart components in the edit mode caused the KPI names in the mouse-over tooltip to be in the wrong order.

Solution Description

Reordering the KPIs of line charts is now correctly reflected in the mouse-over tooltip.

BUGFIX #15 - Line Chart - Horizontal Scrolling

Problem Description

In the previous version, when there were sufficiently many data points on a Line Chart with horizontal scrolling, the last page was blank.

Solution Description

Line Charts with horizontal scrolling now end on the last dimension value.

BUGFIX #16 - Fill - Rendering

Problem Description

In the previous version, the Fill component would sometimes not render correctly, if interrupted by switching the browser tab.

Solution Description

The Fill Component is no longer affected by users switching the browser tab while rendering.

BUGFIX #17 - Boxplot - Preview

Problem Description

In the previous version, the Boxplot component did not display a preview in the Formula Editor for dimension and distribution.

Solution Description

The previews in the Formula Editor are now displayed correctly for the Boxplot Component.

BUGFIX #18 - Date Picker - Variable Translation

Problem Description

If a variable was used for the title of the dimension of a Date Picker component, the variable was not resolved in the selection bar of the analysis.

Solution Description

Variable input of a Date Picker dimension title is now correctly resolved in the selection bar.

BUGFIX #19 - Donut Chart - Labels

Problem Description

In the previous version, some cases caused the labels of a Donut Chart being cut off by the border of the component.

Solution Description

The Donut Chart should now be rendered in a way that all labels are visible.

BUGFIX #20 - Histogram Chart - Color Mapping

Problem Description

In the previous version, color mapping based on dimension values was not applied to Histogram Charts, if the bucket contained numerical range.

Solution Description

The color mapping for numerical ranges is now correctly applied to Histogram Charts.

BUGFIX #21 - Chart Components - Variable-based Data Series

Problem Description

The variable-based color of data series in any Chart component was not immediately updated, in case the variable value was changed by a Button component.

Solution Description

The update to the color is now applied to the Chart components immediately after the variable value changes.

BUGFIX #22 - OLAP Table - Invalid Queries

Problem Description

Searching an OLAP column for certain characters could cause the OLAP table to throw an exception. This included the following cases:

- Backslash \ or single quote '

- Non-numeric characters, when column data type was int or float

Solution Description

The invalid queries were changed to apply the following behavior:

- If the column type is string, the backslash \ and single quote ' should be escaped with a backslash \ if present in the input
- If the column type is numeric, any non-numeric search input is rejected

BUGFIX #23 - Closing Selection Windows

Problem Description

In the previous version, the window that is presented to the user when editing a selection from the selection bar could not be closed by clicking outside this window or pressing the ESC key.

Solution Description

The selection window can now be closed as intended.

BUGFIX #24 - HTML Formatting

Problem Description

In previous versions, when formatting text fields with HTML tags, the following syntax was not correctly resolved: `target = "_blank"`.

Solution Description

The syntax outlined above is now resolved as intended again.

Bugfixes Celonis Process Mining 4.7.2.3

BUGFIX #1 - Upgrade process

Problem Description

In the previous version, customers could encounter issues when trying to upgrade from one hotfix version (4.7.2.x) to another hotfix version (4.7.2.y).

Solution Description

The upgrade validation now works as intended for hotfix versions.

Bugfixes Celonis Process Mining 4.7.2.2

BUGFIX #1 - Log4j - Dependency update

Problem Description

Celonis Process Mining 4.7.2 was using a version of log4j that is vulnerable to CVE-2021-45105.

Solution Description

The log4j dependency has been updated to version 2.17.1.

BUGFIX #2 - Analysis corruption

Problem Description

In the previous versions 4.7.2 and 4.7.2.1, Analysis documents could corrupt in some cases when using the HSQLDB configuration store.

Solution Description

The HSQL dependency was updated to an unaffected version.

Bugfixes Celonis Process Mining 4.7.2.1

BUGFIX #1 - Log4j - Dependency update

Problem Description

Celonis Process Mining 4.7.2 was using a version of log4j that is vulnerable to CVE-2021-44228 (Log4Shell).

Solution Description

The log4j dependency has been updated to version 2.16.0.

Bugfixes Celonis Process Mining 4.7.2

BUGFIX #1 - Analysis - Decimals and thousand separators

Problem Description

In the previous version, the decimal and thousand separators for Dutch were incorrect.

Solution Description

The decimal and thousand separators for dutch were corrected.

BUGFIX #2 - Analysis - Subtitles and unit descriptions

Problem Description

In some cases, adding subtitles and unit descriptions caused problems with the formatting of the component.

Solution Description

Formatting of subtitles and unit descriptions was improved.

BUGFIX #3 - Analysis - Chart legends

Problem Description

In rare cases, chart components did not update or display the respective chart legend properly, after changes were applied.

Solution Description

The chart legends are now displayed and updated as intended.

BUGFIX #4 - Analysis - Percentages in data series

Problem Description

When the user enabled the percentage in the second or third data series of a pie chart or donut chart, the "%" character was only displayed for the first two data series.

Solution Description

The percentages of Pie Charts and Donut Charts are now displayed as intended.

BUGFIX #5 - Analysis - Scatter Plot axis labels

Problem Description

In certain cases, axis labels of scatter plots did not refresh as intended when set by a variable.

Solution Description

The axis labels of scatter plots now refresh as intended when the variable value changes.

BUGFIX #6 - Analysis - Pivot table - No data

Problem Description

The pivot table component did not refresh if a selection was made that excluded all data.

Solution Description

The pivot table component is now refreshing as intended with no data selected.

BUGFIX #7 - Analysis - Box plot - Empty selections

Problem Description

The box plot component did not refresh if a selection was made that excluded all data.

Solution Description

The box plot component is now refreshing as intended with no data selected.

BUGFIX #8 - Analysis - Box plot - Position line

Problem Description

Position lines within box plots were not reflecting changes directly. The issue disappeared when reloading the page.

Solution Description

Changes to the position lines of box plots are now reflected immediately.

BUGFIX #9 - Analysis - Pie chart - Percentages

Problem Description

Changing the order of KPIs in a pie chart could lead to the percentage labels disappearing. Reloading the page solved the issue.

Solution Description

Changing the order of KPIs in a pie chart no longer affects the visibility of percentage labels.

BUGFIX #10 - Analysis - Gauge KPI

Problem Description

In the previous version, setting up small Gauge KPIs could lead to truncation of the displayed values.

Solution Description

The Gauge KPI is now displayed without truncated values.

BUGFIX #11 - Analysis - Dropdown component - Filter column

Problem Description

Filtering with the dropdown component could cause problems if the filter column had above 99 characters.

Solution Description

The filtering now works as intended even with long filter column names.

BUGFIX #12 - Analysis - Single KPI - Manual font size

Problem Description

In certain cases, the font size and position were not calculated correctly when using the manually set font size instead of auto-scaling.

Solution Description

The filtering now works as intended even with long filter column names.

BUGFIX #13 - Analysis - World Map - Legend

Problem Description

Color thresholds set as variables for a World Map component did not appear in the component legend.

Solution Description

The color thresholds within the World Map component now appear as intended if the value is derived from a variable.

BUGFIX #14 - Analysis - World Map - Legend

Problem Description

The legend of the World Map component was truncated if it exceeded a certain length.

Solution Description

The legend of the World Map will no longer be truncated.

BUGFIX #15 - Analysis - OLAP table - Search functionality

Problem Description

When using a variable in an OLAP table as a dimension that refers to a date field, the magnifying glass search functionality did not work.

Solution Description

The search functionality of OLAP tables now works as intended when variables referring to date fields are used.

BUGFIX #16 - Analysis - OLAP table - Selection highlight

Problem Description

When selecting values from an OLAP table, then scrolling down inside the table and back up, the selection highlight disappeared despite the values still being selected.

Solution Description

The selection highlighting was fixed.

BUGFIX #17 - Analysis - Column chart - Auto-range

Problem Description

The calculation of the auto-range option of column charts was not consistent, even if the KPI values did not change.

Solution Description

The auto-range calculation of column charts now behaves as intended.

BUGFIX #18 - Analysis - Visual Editor - Date formatting

Problem Description

The calculation of the auto-range option of column charts was not consistent, even if the KPI values did not change.

Solution Description

The auto-range calculation of column charts now behaves as intended

BUGFIX #19 - Analysis - Stories without owner

Problem Description

In case the owner of a scheduled story was deleted from Celonis 4, analyses with stories owned by this user could not be copied.

Solution Description

When copying an analysis that holds stories without an owner, the user initiating the copy will own the stories in the new analysis. **Note:** Stories without an owner might still cause other issues and can not be sent properly. Please assign a new owner by editing the story directly from the analysis.

BUGFIX #20 - Transports - Throughput time calendar

Problem Description

We found that the throughput time calendar within the data model settings was not exported properly in transport (CTP) files.

Solution Description

Transport files now include the intended configuration of the throughput time calendar.

BUGFIX #21 - Logging - Stories

Problem Description

Some values in the log entries for the delivery of stories via mail were not properly populated. This led to problems when trying to identify the analysis a story was sent from.

Solution Description

The intended values are now logged properly when sending stories via mail.

BUGFIX #22 - Celonis Tools - Download

Problem Description

In the previous version, an error was thrown when trying to download the Celonis Tools from the system settings.

Solution Description

The latest version of the Celonis tools can now be downloaded from the system settings page.

Bugfixes Celonis Process Mining 4.7.1.2

BUGFIX #1 - API key authentication

Problem Description

Under certain circumstances, API key authentication was not possible.

Solution Description

The API key authentication is behaving as intended again.

Bugfixes Celonis Process Mining 4.7.1.1

BUGFIX #1 - SSO - Password rules

Problem Description

Certain actions in the frontend (changing profile language, content exports, publishing) could result in SSO users being forwarded to the "change password" form unless the password rules were disabled.

Solution Description

The password rules do no longer affect SSO users.

Bugfixes Celonis Process Mining 4.7.1

BUGFIX #1 - Analysis - Crop Selections & Custom Process Explorer Dimensions

Problem Description

Previously, adding a Crop Selection when using a custom dimension inside the Process Explorer component, led to an error in the Process Explorer.

Solution Description

Process Explorers with custom dimensions now behave as intended when using Crop Selections.

BUGFIX #2 - Analysis - Activity List in fullscreen Process Explorer

Problem Description

Previously, the Activity List view of the fullscreen Process Explorer component would remain presenting case count values, even after switching the Process Explorer KPI to Throughput Time.

Solution Description

The Activity List now adapts to the Process Explorer KPI as intended.

BUGFIX #3 - Analysis - Data labels with vertically stacked KPIs

Problem Description

In some rare cases, stacking multiple KPIs vertically on the primary axis of a chart could lead to wrongly positioned data labels.

Solution Description

The data labels now work as intended with the above options.

BUGFIX #4 - Analysis - Axis values in stacked KPIs with NULL values

Problem Description

When one data series of the stacked KPIs on the primary axis of a chart was always NULL, the autoscaled axis displayed wrong values.

Solution Description

The axis values now work as intended with stacked data series that are always NULL.

BUGFIX #5 - Analysis - Inaccurate axis labelling in charts

Problem Description

In rare cases, the KPI values exceeded the axis labelling of Chart components

Solution Description

The axis labelling now works as intended.

BUGFIX #6- Analysis - Process Overview - Switching units

Problem Description

In rare cases, switching time units in the Process Overview component caused only some throughput time values to refresh, but not all.

Solution Description

The throughput times are now refreshed as intended.

BUGFIX #7 - Analysis - Filtering numeric columns in OLAP tables

Problem Description

In the last versions, when filtering numeric columns in OLAP tables, the default comparison method was "<".

Solution Description

The default comparison was switched to "=".

BUGFIX #8 - Analysis - Copying Column Charts with series palette (color)

Problem Description

Copying and pasting did not work for Column Charts with a series palette configured for one data series.

Solution Description

The copy & paste action now works as desired for components with a series palette.

BUGFIX #10 - Analysis - Bar Chart with RUNNING_TOTAL operator

Problem Description

On some occasions, using a Bar Chart in combination with the RUNNING_TOTAL operator resulted in inconsistent KPI values, depending on the order.

Solution Description

The Bar Chart now works as intented with the RUNNING_TOTAL operator.

BUGFIX #11 - Analysis - Last value of OLAP tables

Problem Description

In some cases, the last value of an OLAP table was cut off if the sheet format was set to fullscreen.

Solution Description

The last value of the OLAP table is now visible as intended with all configurations.

BUGFIX #12 - Analysis - Scatter Plot dimension

Problem Description

The ROUND_WEEK formula was not properly working when used as the dimension of a Scatter Plot component. The timeline was not rounded to weeks.

Solution Description

The Scatter Plot now works as intended with date dimensions rounded to weeks.

BUGFIX #13 - Database - User and Data Model deletion

Problem Description

In instances with a long update history (e.g., from CPM 4.0), object deletion could cause problems in rare cases.

Solution Description

Object deletion now works as intended, independent from the update history.

BUGFIX #14 - Audit Logs - Password changes

Problem Description

A password change of a user by a User Administrator was not logged to the Audit Logs as intended.

Solution Description

Password changes on behalf of a User Administrator are now logged as intended.

BUGFIX #15 - Database Connections - DB2

Problem Description

In some cases, fetching data from DB2 could fail due to outdated SQL grammar, in case the DB2 instance was not in compatible mode.

Solution Description

The SQL was updated and the connection should work as intended.

BUGFIX #16 - Delta Load - Removing all entries from a partition

Problem Description

If all entries of one partition were deleted from the source table, the partition was not removed with the next Data Model load.

Solution Description

Empty partitions are now removed as intended.

BUGFIX #17 - Password rules - SSO users

Problem Description

Users logged in using SAML or LDAP were redirected to the reset password page in some scenarios.

Solution Description

The reset password page is not presented to SAML/LDAP users anymore.

BUGFIX #18 - Data Models - Cancel button disappearing

Problem Description

In some cases, the button to cancel Data Model loads would disappear from the frontend.

Solution Description

The button is now always visible so the user can cancel loads.

BUGFIX #19 - Transports - Shared images

Problem Description

Previously, pictures uploaded to the Image component were not part of an Analysis Transport, in case they were marked as "shared".

Solution Description

"Shared" images are now included in the transport files.

BUGFIX #20 - LDAP Group Provider - Failing with InterruptedNamingException

Problem Description

In case the Group Provider Query returned huge resultsets, it could fail with an InterruptedNamingException.

Solution Description

The Group Provider synchronization was stabilized. In addition, configurable paging was introduced via the new `ldap.sync.pageSize` property in config-custom.properties.sample.

BUGFIX #21 - Stories - Monthly scheduling

Problem Description

In rare cases, Stories could fail depending on their scheduling. E.g., Stories scheduled every month for the 31st would fail for months with less than 31 days.

Solution Description

Stories on a monthly schedule are now sent as intended. If they are scheduled for a date that does not exist in the current month, they will be sent on the next possible date.

BUGFIX #22 - Stories- Recipients list

Problem Description

In certain cases, the recipient list for Stories did not render properly above a threshold of around 50 recipients.

Solution Description

All recipients are now properly displayed.

BUGFIX #23 - Notifications - Maximum duration

Problem Description

Due to a bug, the notifications configured in the System Settings have a maximum duration of 24 hours.

Solution Description

Notifications can now exceed the duration of 24 hours.

BUGFIX #24 - Name Mapping - Database Connections

Problem Description

In version 4.7, a bug was introduced that led to Database Connections not being selectable in the Name Mapping configuration of the Data Model.

Solution Description

Database Connections can now be selected as intended in the Name Mapping configuration screen.

BUGFIX #25 - Help page customization - HTML rendering

Problem Description

In version 4.7, a bug was introduced that led to custom help references configured in custom-config.properties (e.g., `help.login.text`) not to render the included HTML.

Solution Description

The HTML is not rendered correctly again, where supported.

Bugfixes Celonis Process Mining 4.7.0

BUGFIX #1 - Analysis - Search in OLAP Tables

Problem Description

Previously, when searching for numeric values in the dimension of an OLAP Table, some decimal separators would cause a PQL exception, and the Analysis Sheet had to be reloaded to reset the filter.

Solution Description

Searching for numeric values with decimal separators does no longer cause PQL exceptions.

BUGFIX #2 - Analysis - Date Picker component - Browser Zoom

Problem Description

Certain browser zoom levels caused unexpected behavior in the calendar view of the Date Picker component.

Solution Description

The Date Picker now behaves as expected with different browser zoom levels.

BUGFIX #3 - Activity Table Wizard - Empty Timestamp Preview

Problem Description

The table preview of the Activity Table Wizard displayed timestamp columns as empty for file uploads.

Solution Description

Timestamp columns are now previewed correctly for all file uploads.

BUGFIX #4 - Analysis - Copying multiple values from OLAP tables

Problem Description

When selecting multiple values in an OLAP table and trying to "Copy selected values", not all of the selected values were copied before.

Solution Description

All selected values are copied as intended.

BUGFIX #5 - Analysis - Button component - Coloring

Problem Description

Previously, coloring applied to messages from Button components using jscript was not displayed properly.

Solution Description

Messages from Button components now display correct coloring, if configured correctly.

BUGFIX #6 - Analysis - Process Overview - Throughput Times

Problem Description

Changing the time unit in the Process Overview did not work as expected in some cases.

Solution Description

Messages from Button components now display correct coloring, if configured correctly.

BUGFIX #7 - Analysis - Process Explorer - Activity Detail View

Problem Description

In the Fullscreen Process Explorer, selecting an Activity opens a view that lists the preceding and subsequent activities and the respective case frequency. The list of Activities was not ordered previously.

Solution Description

The list of Activities is now ordered by case frequency.

BUGFIX #8 - Analysis - Axis Labels & Variables

Problem Description

Dynamic axis labelling based on variables did not work properly for all diagram types.

Solution Description

It is not possible to set axis labels dynamically by using variables.

BUGFIX #9 - Analysis - Button component - Coloring

Problem Description

Previously, coloring applied to messages from Button components using jscript was not displayed properly.

Solution Description

Messages from Button components now display correct coloring, if configured correctly.

BUGFIX #10 - Analysis - Throughput Time Search - Calendar Options

Problem Description

The calendar options of the Throughput Time Search component did not work as intended.

Solution Description

The calendar options of the Throughput Time Search component now have the intended outcome again.

BUGFIX #11 - Analysis - Throughput Time Search - Creating Selections

Problem Description

Previously, it was not possible to create global Analysis Selections based on the Throughput Time Search component when the active unit was "Workdays".

Solution Description

Creating Selections based on the Throughput Time Search component now works as intended.

BUGFIX #12 - Analysis - Publishing

Problem Description

Previously, when interacting with the "Publish" button during high system load, users were able to publish an Analysis multiple times which could lead to issues such as losing "excluded Sheets".

Solution Description

The frontend interaction of publishing is now safeguarded so that it is no longer possible to publish an Analysis twice while the first publishing process is still running.

BUGFIX #13 - System Settings - Naming Conventions for Sources

Problem Description

Previously, it was possible to set duplicate names for database sources and LDAP sources in the System Settings.

Solution Description

Database sources and LDAP sources now require unique naming.

BUGFIX #14 - Configuration Files - Server URL

Problem Description

When setting the *server.url* parameter in the configuration file without the protocol type (e.g. http/https), the PDF creation would break when trying to send a Story via Email.

Solution Description

We introduced several levels of validation for server.url values provided in config.properties / config-custom.properties:

1. A syntax check is performed, that the provided URLs either start with "http://" or "https://"
2. The provided URLs are tested by executing http requests. Only if the http request to {url}/alive returns a 2xx code, the application can be started. This check can be disabled by explicitly setting server.validateUrls = false

BUGFIX #15 - Installation Directory - Default Permissions

Problem Description

Previously, every OS user who had access to the installation directory could view the respective content, files, and subdirectories.

Solution Description

For *newly created target directories,* the following permissions are applied (existing installations are not affected):

3. Linux: for user - full access, for group - access only (read and search/execute), for other - no access
4. Windows: The application can only be installed with admin rights. Therefore, the installation folder will have full access for administrators and no access for other users.

BUGFIX #16 - Configuration File - Session Timeout

Problem Description

In the last version, the users were not properly logged out after the specified time of inactivity when using the *server.sessiontimeout* property in the *config-custom.properties* file.

Solution Description

Sessions are now properly handled and the users will get logged out after the specified time of inactivity.

BUGFIX #17 - Licensing - Locked User Accounts

Problem Description

Previously, user accounts that were locked still counted towards the license.

Solution Description

Locked users no longer count towards the license. However, unlocking users now requires additional steps in case the maximum number of users is reached.

BUGFIX #18 - Licensing - Application Restart

Problem Description

Previously, updating the license count for users and Data Models required a system restart, as the synchronization was not working as intended.

Solution Description

License counts for both users and Data Models are now updated immediately after creating, deleting, and importing new objects.

BUGFIX #19 - ACTIVITY_LEAD / LAG - Negative Offset

Problem Description

Previously, the operators *ACTIVITY_LEAD* and *ACTIVITY_LAG* allowed zero or negative offset values, which caused issues in the computation.

Solution Description

ACTIVITY_LEAD and *ACTIVITY_LAG* no longer allow zero or negative offset values.

BUGFIX #20 - KMEANS Operator

Problem Description

In specific non-trivial cases of *KMEANS*, unexpected errors would occur.

Solution Description

The behavior was fixed an *KMEANS* works as expected.

BUGFIX #21 - CALC_THROUGHPUT - NULL Values

Problem Description

For very few corner cases, *CALC_THROUGHPUT* returned *NULL* in specific cells instead of the correct result.

Solution Description

The behavior was fixed and *CALC_THROUGHPUT* works as expected.

BUGFIX #22 - WORKDAYS_BETWEEN - Negative Values

Problem Description

The *WORKDAYS_BETWEEN* operator used to return wrong results in cases with invalid calendar ID and negative outcomes (first timestamp is larger than the second one).

Solution Description

WORKDAYS_BETWEEN with invalid calendar ID now correctly returns negative results.

BUGFIX #23 - Saved Formulas - Parameters

Problem Description

A bug would prevent the usage of nested saved formulas with parameters.

Solution Description

Passing on parameters in nested saved formulas now works as intended.+

BUGFIX #24 - Filter Stability - RUNNING_TOTAL & MOVING_

Problem Description

The *RUNNING_TOTAL* operator and all *MOVING_X* aggregations were marked as filterable even though they inherently are not filter-stable.

Solution Description

The *RUNNING_TOTAL* operator and all *MOVING_X* aggregations are now marked as non-filterable.

BUGFIX #25 - PQL - Date String Input

Problem Description

Various date string inputs (*{d '...'}*) returned unexpected results.

Solution Description

The bugs in the date string input command were fixed and the expected behavior was restored in all cases.

BUGFIX #26 - PQL - Combination of Parentheses & Minus Signs

Problem Description

In some cases, the combined usage of parentheses and minus signs, e.g. '- *(1)*', led to unexpected behavior.

Solution Description

The issues were fixed and parentheses are now safe to be used together with minus signs.

BUGFIX #27 - LIKE - "Too many stages in execute_like"

Problem Description

On some occasions the *LIKE* operator did not work as intended for unusual amounts of data, returning the error *"Too many stages in execute_like"*.

Solution Description

The *LIKE* operator now behaves as intended.