

Agilent SLIMS
6.9

Software Release Bulletin (SRB)

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How to use this document?

The Software Release Bulletin (SRB) contains information on software changes for one specific major release of SLIMS, grouped by minor release. Some software changes can be excluded for security or other reasons. This document was generated on: 10/Mar/2025

SLIMS 6.9.23

1191911: Results: Uploading a lot of results in an experiment step results in a 2100 exception

Description: Uploading a lot of results in a result step causes a SQLServerException: "The incoming request has too many parameters. The server supports a maximum of 2100 parameters."

Fix: All results are imported

1185774: Macros: loading lag when starting

Description: There is a lag when starting a macro, before any macro step is started - just to load the macro window. The lag is inconsistent, it can be just a few seconds or up to a minute.

Fix: Macros load in an acceptable time

1183588: Dashboards: graphs are not exportable

Description: The graph widget on the dashboard is not exportable as image.

Fix: Planned to be fixed in 6.9.23 and 7.2.1 by removing the export button to avoid confusion.

1181817: Missing index on tbfv_fk_analyte

Description: There is no index on tbfv_fk_analyte

Fix: Planned to be fixed in 6.9.23 and 7.2.1

1181115: Performance issue with result import plugin

Description: Performance issue when using result import plugin to import 420 results (60 samples with 1 test and 7 analytes for each).

Fix: Planned for 6.9.24 and 7.2.2

1176578: Printers: Agilent hosted: Labels aren't printed when other Printer is temporarily disconnected

Description: When a printer is disconnected it blocks the queue on print jobs of other printers

Fix: Printer jobs are being printed for available printers even there are printer jobs on disconnected printers

1174685: Simplified Protocol : Results are not unlinked when request is cancelled or content requeued

Description: Results remain in the result block and are not unlinked from result block in case content is requeued (content is gone from current run) or content is performed action cancel request (content is gone from current run and workflow)

Fix: Content is gone whereas results of that particular content are gone as well in Result block

1174680: Standard protocol : Error ``rslt_fk_request: Update not allowed" when requeuing content

Description: When requeuing content in workflow standard protocol result step, it pops up the error message "rslt_fk_request: Update not allowed." which prevents user from requeuing content to the input queue.

Fix: Requeue of a content (with a result) in an analytical default run step is now possible again.

1172982: QC: QC Result cannot be rejected

Description: When a QC result is rejected, nothing happens (but an error appears in the logs)

Fix: The status of results created in qc module can now be restored again. Also, their status is refreshed after a status change, no extra grid refresh is required.

1171454: Simplified Protocol: xrsc_cf_fk field displays own content's barcode on creation of new run step content records despite having no value

Description: When linking content to a simplified protocol block with an xrsc_cf_fk field configured for the block, the initial value shown in the custom field is its own content's (xrsc_fk_content) barcode.

Fix: The custom field is empty upon linking new content to the block.

1169586: Performance : sending samples to workflow is slow

Description: Poor performances when using the store plugin "to workflow (add requests from selection)" to send samples to the workflow.

Fix: Added -Dslimsgate.timeout parameter to increase the timeout of a route in a slimsgate flow.

1166782: Slimsrest: query with startRow =1 and endRow=1 returns entire table

Description: When running a query with the python API on the content table with startRow=1 and endRow=1, the entire content table is returned, possibly causing SLIMS to crash.

Fix: When startrow >= endRow, it returns zero record.

1158789: Match any + Match all in workflow queue does not show all valid results

Description: When mixing "Match any" and "Match all" in a view, result is not as expected. For instance "Match any (criterion A, match all criterion B and C)" works as "Match A and B and C" instead of "Match A or (B and C)"

Fix: "Match any (criterion A, match all criterion B and C)" now correctly works as "Match A or (B and C)" "Match all (Criterion A, match any Criterion B or C)" now correctly works as "Match A and (B or C)"

1148914: Store package: Stability studies basics failed to import when location type already exists

Description: Stability studies basics failed to import when location type already exists

Fix: Stability studies basics import correctly when location type already exists

1131491: Filtering history on inactive users is not possible

Description: In any history view, it is not possible to filter on inactive user.

Fix: The user dropdown in any history grid now also includes inactive users. As such, it is now possible to filter on them as well.

1125074: QC Cards: Unit ? wrongly displays

Description: Unit ? wrongly displays as "" on QC cards.

Fix: Unit ? correctly displays

SLIMS 6.9.22

1178406: Deleting a tablefield causes issues when there is a lot of history

Description: Attempting to delete a tablefield in a DB with lots of history, causes java heap space error and failure of functionality.

Fix: Will be fixed in 6.9.22

1171263: Performance : loading queues with flags is slow

Description: Having a flags column on a grid and a lot of sample is slow.

Fix: Loading grouped queue is not slowed down significantly by flags.

1167932: Fields: sometimes all custom fields are missing in the fields module

Description: Fields: sometimes all custom fields are missing in the fields module. This can happen when misconfiguring a Test via the API.

Fix: It is no longer possible to misconfigure a test through the API

1168059: Flags: adding flags with workflow step groovy is slow

Description: Flags: adding flags with workflow step groovy is slow

Fix: Flags: adding flags with workflow step groovy is faster

1167313: Content history: Error if you use is one of operator on record

Description: An error occurs when using the "is one of" on the record field of the content history.

Fix: The "is one of" filter is no longer available.

1165959: Checkbox: Import via Excel should adds NULL value

Description: When doing an update via excel import and clearing checkbox value (TRUE or FALSE), the import sets checkbox value to NULL

Fix: The checkbox value is now FALSE in this case.

1163462: Reagent usage: value from prior usage appears but is not saved

Description: When tracking reagent usage in the ELN without a default usage value, linking multiple reagents results in blank usage fields. If the first usage is manually edited and set to a specific value, this value becomes the default for subsequent usages when double-clicked for editing. However, if the user clicks away to save the change, the value is not saved, and the usage field remains blank.

Fix: A suggestion is not made for the next reagent in the Reagents grid. Usage values are also saved now.

1162619: Label templates: Scripted labels cannot be printed anymore if you log an empty quantity

Description: It's not possible anymore to print a label if you "log" a quantity field present without a value.

Fix: No error displayed in the console.

1160394: Macro: Don't retain values option doesn't work on all datatype fields

Description: Macro (with don't retain values option enabled) values are not cleared for at least datatypes quantity, comparator quantity and dynamic choice with multiple values when used in an edit step.

Fix: Value are cleared

1155586: RequestableTest cannot have Default Analytical Method set by REST API

Description: When attempting to set a valid "Default Analytical Method" with a REST call on a RequestableTest record, an error is thrown:

"tests": " - defaultAnalyticalMethods : errorAnalyticalMethodNotAssociatedWithTestOrAnalyte"

This error is raised even if the PK you are attempting to insert is in fact an Analytical Method usable by the combination of Test/Analyte on the RequestableTest.

Fix: No error occurs and Default Analytical Method is updated

1148615: Label templates: Cannot sort or filter on label template height and width

Description: Label templates: Cannot sort or filter on label template height and width

Fix: Label templates: It is now possible to sort or filter on label template height and width

1121272: Warning do not appears in QC with QC template Raw Data

Description: When going to Quality Control module, the result created does not have any warning display even if the value is upper than limit define on the QC template.?

Fix: The result created have warning display in column "Warning"

1111759: Results/Field data not showing up until after Refresh is done

Description: User is not able to see that results are out of specification or put details for time in/time out, or pick an instrument while working on their workflow until SLIMS is refreshed.

Fix: When updating a result in a grouped view, the rule spec is correctly evaluated, grid is refreshed and the selection is being kept.

SLIMS 6.9.21

1155207: Simplified Protocols in Workflows - Result blocks are lost when copying protocols

Description: When using the “copy” option to copy an existing simplified protocol in the Workflow Management module, the copied protocol does not have any Result blocks in it. Other types of blocks are copied

Fix: The result block is copied correctly in the new protocol.

1154763: Block Grid import does not work

Description: Not able to import values on protocol run step content using grid block.

Fix: The import button is not available.

1154426: Excel Import - Default Scalar unit prevents quantity from importing

Description: Fields with the default Scalar unit (whose abbreviation is just an empty space) are ignored during excel import. If you put a single space into the “unit” cell for the field or just leave it empty, SLIMS makes no attempt to fill the field at all.

Fix: possible to import a content with a value for a scalar quantity field by typing the amount and leaving empty or entering a space in the unit column.

1151773: SLIMS REST: login issue

Description: When logging into SLIMS REST with a locally authenticated user, if login fails (for example user is locked or incorrect password is used) the user will get an error about LDAP. This error is misleading for the user.

Fix: The correct error is no shown in this case

1151770: Simplified workflow protocol: viewing multiple runs causes page to freeze

Description: When viewing runs in the runs module, viewing a few in a row resulted in the page to be blank and freeze.

Fix: It no longer freezes when we open several runs after each other. Runs module allows us to view multiple runs in succession

1150447: Sequences can't be called in scheduled jobs

Description: The sequence.next() method is available in the insert menu for scheduled jobs, but results in a null object error.

Fix: sequence.next() can be called with no error

1150513: Licensing: license renewal sometimes behaves incorrectly

Description: Licensing: license renewal sometimes behaves incorrectly

Fix: Grace period has been extended to 60 days. Better deal with the fact that there might be multiple entitlements: SLIMS will no longer complain about an expired feature (or close to expired feature) when there is another feature with the same name that is not expired (or close to expire)

1149807: Contents : inactivate products do not appear in the Product field dropdown to filter on

Description: Inactive products are hidden by default in the product field (cntn_fk_product) if trying to filter on it.

Fix: Inactive products are visible for the filters in the top of the grid and for the filters in the edit view window.

1145244: SLIMS login page is indexed by search engines

Description: SLIMS does not contain instructions for search engine robots, and publicly available login pages can be indexed and appear in search engine results.

Fix: Crawlers and bots are prevented from indexing SLIMS pages.

1139375: Safari users get pop up 'invalid JSON detected' when logging into SLIMS

Description: When using Safari, a warning pop-up window saying "Invalid JSON was reported, please contact Agilent support" appears. This message appears directly at login, and unfortunately it prevents the user from doing anything in SLIMS (i.e the ELN folders and the contents are not accessible..).

Fix: No error appears at login.

1137658: SLIMS Rest: add location size defaults to 1x1

Description: When adding a location using slimsrest, if we don't specify the number of rows or columns, they default to 1x1.

In prior versions (6.9.9), the default used to be taken from the location type.

Fix: Locations created with SLIMS Rest default to the number of rows and columns set in the location type.

1129971: Macro: Slow performance if you show fields during execution and if you repeat macro with a lot of steps

Description: Opening a macro can take up to 1 minute when showing some fields during execution. The macro gets slower and slower until you refresh SLIMS.

Fix: Additional fields does not impact opening time.

1126121: Variant dropdown has fixed width

Description: The form to add a variant observation uses a fixed width dropdown for field Variant. It is not possible to change the width nor add more columns.

Fix: Width can be expanded.

1125916: ELN: missing attachments can cause ELN to crash

Description: When attachments images are missing from the repository, the ELN takes minutes to open when opening an experiment based on a protocol using these images. Blocking the system in the meantime.

Fix: ELN loads immediately

1121614: Using a guid direct link to a Content record displays just that one content, but does not highlight it

Description: Generating a link to a content, then clicking on that link, redirects to the content module and shows that content, but does not select it. Clicking on the Content is required to see its information.

Fix: The content associated with the link is selected.

1120868: License: Errors are not nicely displayed for Emergency License and token is not trimmed.

Description: When entering an emergency license, in case of an incorrect token is used, the error message is not user friendly. In addition, if the token contains trailing space or newline characters, it is considered as incorrect while it should not.

Fix: The error message that is displayed on an invalid license is now human readable The key is trimmed on leading and trailing spaces

1119152: Macro: Entering rich text in macro clears other custom field

Description: When a running a macro with an edit content step, when updating a rich text field of the content, all other fields (except quantity ones) are cleared.

Fix: The previously entered data is not erased.

1086860: Content : Container type dropdown is hidden when editing multiple contents

Description: It is not possible to select a container type when editing multiple contents at once, either with the edit content action or within an edit content macro step. The container type dropdown does not appear and you cannot select a new value.

Fix: Fixed for macros and multi-edit actions.

SLIMS 6.9.20

1155450: Workflow queues: Some workflow queues are no longer rendering

Description: Queues with a "QueueFlags column" are no longer rendering.

Fix: Queues with a "QueueFlags column" are now rendered correctly.

1153105: Performance: SLIMS performance in general can be improved

Description: Performance: SLIMS performance in general can be improved

Fix: Add event macro actions and default actions now correctly show a progress bar. Add event on many samples is much faster when being run in a workflow. There is some calculation that checks if content can progress in the workflow after closing a step. (validateFlagsAllowWorkflowProgress). This calculation only ran if there are active flags in the instance, now it only runs if there are active flags with a consequence that is not "no consequence". History grids have been changed to: Only show extra columns like "Type" for "Content" or "Test" and "Content" for "Result" if they are showing history of many different records. They no longer show on history of one record (like right click or the tab in content management). This needs some testing on various history grids

1149695: SLIMS Logs - ContentDao missing update/add time line when not done in form

Description: The logs are not showing the "time taken" entry when doing a save/create operation from a macro or from "Selection > edit"

Fix: Log with update time now also appears when doing an update from somewhere else than the form itself (like edit content macro, or multi selection edit).

1148640: fetchContentFamily() much slower on MariaDB than MySQL

Description: fetchContentFamily() that takes less than 1 second on the MySQL instance, but will take 18-20 seconds on the MariaDB instance.

Fix: The -dslims.mysql.disableRecursiveQueries=true flag in the SLIMS startup options then no query is performed to test whether the DB supports recursive queries

The flag is mentioned in the installation manual.

1146412: Rules: Compare results rules are not working

Description: In 6.9 the compare results are not working anymore when you have a derived content order evaluating both results of the same test.

Fix: Result can be saved

1145330: Roles: Basic-request role: users with basic-request role cannot use excel imports

Description: Roles: Basic-request role: users with basic-request role cannot use excel imports

Fix: Role functionalities 'User configuration' & 'Can import records in SLIMS via Excel' are now accessible for basic requester roles.

1143579: Orders: Copy order group gives wrong time in time field

Description: Copying an order group by right clicking in order grid causes time field value to be copied with 1 hour less than the original value.

Fix: Time field is correct in copied order.

1143406: ELN: Default protocol first step is not selected when stepping into a run

Description: In ELN when stepping into a run of a default protocol, the first step is not selected. It works fine when opening the run on creation, just not for existing runs

Fix: First step is now selected.

1142166: Grids: dynamic choice result values display by pk instead of name

Description: Having a result data type of dynamic choice, result values displayed in a grid are displayed by PK rather than by the configured display field.

Fix: Dynamic choice result values in grids are now correctly displayed according to the configured display field.

1141443: Workflow queues: scrolling too fast stops records from loading

Description: In the workflow queue, when scrolling through the list of queue elements, scrolling faster than the records load get to a blank grid, then the grid will never load.

Fix: Grid correctly loads

1137800: Admin manual : Runs chapter is missing from TOC

Description: With reorganization around 6.9 manual, a chapter id changed but wasn't updated in the TOC, so Runs module doesn't get included.

Fix: the Runs section is now in the manual

1129022: Impossible to get slimsgate logs from rest

Description: The endpoint for getting slims and slimsrest logs fails when used for /slimsgate (slimsrest/logs/slimsgate/)

Fix: slimsgate logs can be retrieved via rest.

1126342: Workflow : Vertical window position in a subsequent simplified protocol is based on the window position when the previous protocol was completed

Description: With two simplified protocols in a given requestable, if Protocol 1 has enough blocks to require scrolling down to see the last block, Protocol 2 will open in a similar window position instead of opening at the top of the block list.

Fix: Both in Simplified ELN and Simplified Workflows, SLIMS now scroll to the top when starting a new run, or when switching to another run

1111197: QC by card : Wrong card selected after draft report generation.

Description: After generating a draft report off a QC card, on the refresh of the window, a random QC card is selected instead of the originally selected one

Fix: For both cases, where records > page size & records <= page size, after report generation the originally selected record is selected again.

1097914: Fields : Conditional field on second derivatives is shown event when condition for display is not met

Description: Fields configured to propagate to derivatives and appear conditionally based off a check box field appear on every 2nd level derivative/child content regardless of if the conditional setting is met.

Fix: The conditional visibility now properly applies to all levels of the derivation/propagation tree.

1095661: Content : Multi Edit pop up remains empty and doesn't load the fields

Description: When editing from the Content module on multiple contents, the pop up window just remains empty.

Fix: No NPE is thrown anymore when multi editing content after inactivating a conditional checkbox field.

SLIMS 6.9.19

1142536: Upgrading from 6.8 to 6.9 does not update usage of reagents xrsc of simplified protocols' ad hoc block

Description: When upgrading from 6.8 to 6.9, all contents linked in a simplified protocol ad hoc link-reagents step won't be displayed after the upgrade

Fix: Only fixed for 6.8 to 6.9 upgrade, for 6.9 to 6.9 upgrade, see issue 1147881

1141653: Orders: OrderContent grids cannot be loaded with status restriction

Description: When restricting any status to some roles, Order grids do not load anymore for the roles that doesn't have access to a Status.

Fix: OrderContent grids now load again with status restrictions on role.

1139910: SLIMS GATE: certain plugins are broken because of a camel upgrade

Description: SLIMS GATE: certain plugins are broken because of a camel upgrade. This causes SLIMS GATE to not work

Fix: Plugins are not broken anymore, SLIMS GATE works again

1129973: Value expression of conditional fields is not evaluated when created from a plugin

Description: When a field is 'shown only' if another is checked, then it won't be evaluated when creating a content via a plugin.

Fix: In the content created, the short text CF has the default value defined by the Value Expression.

1128815: Checking off results as Action Block input doesn't work

Description: When setting up an action block with: A Result block as the "Input block" A flow with the option "Requires manual selection" set to true The action button in the run remains permanently grayed out, and does not become clickable when a result has been selected.

Fix: The flow button becomes clickable when the result has been checked off.

1127816: Reference Data: Copy Reference Data Record is not working

Description: It is not possible to copy a reference data record. The pop up doesn't show up

Fix: The copy form opens and reference data record can be copied.

SLIMS 6.9.18

1121353: Groovy : Logs do not appear in slims.log

Description: Groovy logging does not log to slims.log.

Fix: The logging is in slims.log

1114559: Remote Daemon always logs port 8999

Description: After changing the port on which the slimsgate remote daemon runs, it still shows port 8999 in the logs.

Fix: Logs use the port it's booting up with

1113462: SLIMS complains immediately when something is wrong with licensing

Description: SLIMS complains immediately when something is wrong with licensing. It should not complain the first 24h, as the issue auto resolves in a lot of cases after 24h.

Fix: When stuff is going wrong in this first day, SLIMS do not complain

1111293: CLL: Service shutdown return the licenses and request them right after

Description: When stopping the service (Tomcat) licenses are returned, but features are requested again right after. This results in licenses not well returned and still being seen as taken from CLL

Fix: Licenses are returned and not requested after tomcat service shutdown

1110143: Jump in sequences

Description: In a load balanced environment, there can be holes in sequence with jumps in sequence values

Fix: For newly created sequences post-fix, "FLUSH TABLES;" will not lead to a sequence jump to the next 1000. The sequence will be correctly incremented with 1.

1109547: Plugin: Trouble loading plugins after 6.9.16 upgrade

Description: Plugins with configuration file don't work anymore after upgrade from 6.9.13.1 to 6.9.16. Restarting (or re-adding) throws an error.

Fix: Plugin loaded successfully.

1101684: Reference data: Submodule icon cannot be changed afterwards

Description: After creation of the reference data submodule and setting its icon, it is not possible to change the icon afterwards.

Fix: Icon can be updated.

1095198: iLab Plugin: Order duplicated

Description: iLab Plugin sometimes sync the same order multiple times into SLIMS, causing duplicated orders in SLIMS.

Fix: Order is no more duplicated.

1091793: Fields : Target Reference Data Type of a Dynamic Choice with target table "Reference Data" can be changed

Description: When you have a Dynamic Choice Field with target table Reference Data, it is possible to change the Reference Data Type after creation of the field.

Fix: Target reference data type of a dynamic choice custom field with target table "Reference data" cannot be changed after field creation.

1082246: Reports : Unit incorrectly displayed in Jasper report

Description: When generating a report (Jasper) in SLIMS the unit is displayed as g/l instead of µg/l when the µ is used for µ the symbol

Fix: Unit is now displayed in µl

1073408: Administration manual : Grouping of flat field needs clarification

Description: Administration manual mentions that flat fields cannot be selected in the "group by" option in grid templates, but does not mention that grouping in views is supported.

Fix: Manual was updated

SLIMS 6.9.17

1128732: Views cannot be edited, (in)activated or created using view buttons when in the ELN module.

Description: Views cannot be edited, (in)activated or created using view buttons when in the ELN module.

Fix: Views can now be edited again.

1110713: ELN: General menu (refresh, export, print) does not work

Description: In the ELN, Refresh/Print/Export/... (any action from the general menu) does not work

Fix: ELN: General menu (refresh, export, print) now works again

1108813: Dynamic choice field displays values from previously selected content

Description: In the content module, after searching and displaying a content having a dynamic choice field with some values, searching and displaying another content having dynamic choice field empty, SLIMS frequently shows the dynamic choice field values from the first content.

Fix: We now always see the correct field values for the selected content.

1108178: Location detail: Not possible to drag and drop to other position

Description: It's not possible to drag and drop a sample in the location detail. An error pops up.

Fix: Drag and drop of location details to other position is now possible.

1107281: Triggering a plugin during another plugin execution can fail

Description: In some conditions, when a plugin triggers another plugin (for instance, a plugin creates a content, and content creation triggers another plugin) the second plugin is not executed

Fix: Triggering a plugin during another plugin execution now works fine.

1097754: ELN: Display of the filtered run in Content is shown in ELN

Description: When clicking on "by project" in the Content to link content to the ELN and then switch back to ELN, you will see the filtered run details instead of the active one in the ELN

Fix: The details of the active link content step are now shown.

1096860: Reference Data Record : Copy and update rich text field updates the value of the original record

Description: When updating a rich text field during a copy action on a reference data record, clicking out of the box before creating the copy saves the new value on the original record as well.

Fix: Rich text fields cannot be changed when copying.

1096147: Flags: Flags are slowing down ExperimentRunStepContent grid

Description: In a protocol run the default view in Content tab is very slow when some flags are defined.

Fix: During enriching, contentEventRecords are now not fetched in case there are no active content event types.

1038232: Version button in protocols remains orange even after versioning the changes

Description: The version button for protocols in a workflow remains orange indicating changes exist, even after versioning the workflow/protocol.

Fix: Versioning button now correctly becomes grey after versioning the protocol.

1095663: Groovy : MoveContentsService.move does not preserve the order of the contents

Description: The move method of the MoveContentsService does not preserve the order of the contents.

Fix: The move method of the MoveContentsService preserves the order of the contents.

1092968: Fluent groovy: fetching parents of content on creation does not work

Description: When creating (deriving) a content and try to fetch its parents, the following fluent groovy returns nothing:

```
originalContents = content.retrieve().allParents().getAll();
```

After the content is created and saved, then it will work.

Fix: allParents() fluent groovy now correctly returns the parents upon content derivation.

1092624: Label printing: the print label action is not visible on orders with an uneditable status

Description: Label printing: the print label action is not visible on orders with an uneditable status

Fix: Label printing: the print label action is now visible on orders with an uneditable status

1089461: Excel: Importing a field which you cannot update gives unclear error

Description: When trying to import an excel file to update a field which your role is not allowed too update, you get an unclear error "errorFieldUpdateNotAllowed": Update of field "{0}" is not allowed." instead of the name of the field that cannot be updated.

Fix: The error message now correctly shows the field causing the error.

1043315: Fields : Value expression of datefield is triggered too soon

Description: When typing in a value in a date field, the value expression calculation can be triggered too soon when the user type in slowly. For instance, when typing 180, calculation may be triggered with 1 or 18

Fix: The date and the quantity recalculate correctly.

SLIMS 6.9.15.1

1128732: Views cannot be edited, (in)activated or created using view buttons when in the ELN module.

Description: Views cannot be edited, (in)activated or created using view buttons when in the ELN module.

Fix: Views can now be edited again.

1110713: ELN: General menu (refresh, export, print) does not work

Description: In the ELN, Refresh/Print/Export/... (any action from the general menu) does not work

Fix: ELN: General menu (refresh, export, print) now works again

SLIMS 6.9.16

1094346: Studies: Values are seemingly empty when sorting on multiple values field

Description: When sorting studies in the view, some fields of the study appear empty in the detail panel.

Fix: All fields are displayed in the detail panel.

1092821: Printers: Printmate printers are not working

Description: After creating a printer of type printmate and stated a value for the driver folder, the error "The route throws an error on the "{" character" is thrown when starting slimsgate

Fix: Printmate printer routes are now starting correctly again when starting SLIMS GATE

1088688: Plugins: the configuration for newly created plugin sets sometimes does not populate

Description: Plugins: the configuration for newly created plugin sets sometimes does not populate. This is the case when the initial configuration is empty.

Fix: The plugin default configuration now populates when adding the plugin (in case no initial config). Additionally, when updating the plugin, the current configuration (which may deviate from default config) is being kept.

1088387: Fields: Warning during field creation

Description: During field creation, a "Criteria for field seed are not supported" warning message is displayed

Fix: No warning is displayed.

1086719: ELN: Re-Opening ELN steps are not allowed if an Expired Reagent was Previously Used in the Step

Description: When an ELN step has an expired reagent previously linked to it, then re-opening the step or editing the step is not possible when the "allow linking of expired reagents" is turned off.

Fix: It is possible to reopen a step containing an expired reagent It is not possible to close this step again (the expiration policy still runs)

SLIMS 6.9.15

1097753: ELN: Closing a step triggers closing event multiple times

Description: When using the "by project" filter in the Content module, duplicated events on experiment runs steps are shown in the ELN. It also shows multiple sign off windows, multiple value expression executions and triggers concurrent change error as it updates the experiment run step content multiple times.

Fix: No more concurrent change error appears when closing the step.

1096558: Results: N/A value doesn't count as a filled in value

Description: When filling in a result with N/A , the result is no longer moved to status verified.

Fix: Result goes to status verified

1094832: ELN: Editing the project name at ELN tree level is sometimes not possible

Description: It is not possible to go in Edit mode in the ELN tree to update the name of an experiment or a project or a run.

Fix: It is now possible again to update the name of an experiment or a project or a run.

1091922: Scan: Content view is reloaded when you execute a macro

Description: Macro execution can be very slow when there is "slow" filter open in the Content module

Fix: Only one content grid refresh occurs at end of macro instead of at end of each step.

1090299: Installation manual: Content overlap in the SLIMS Kit initialization

Description: The “SLIMS Kit initialization” section of the installation manual contains unwanted data from the “Obtaining SLIMS properties” section, causing display of a table with overlapping cells.

Fix: No more overlap in manual.

1089752: Worklists: Cannot fill in first result in a woklist

Description: It's not possible anymore to fill in the result of the first value of a woklist.

Fix: Result values in woklist can be changed

1084590: Password change and license expiration pop-ups conflict

Description: When a warning message about SLIMS license about to expire appears at the same time the change password is displayed to the user, the license warning pop-up appears in front of the password change one, but it is impossible to close it, making password change impossible

Fix: Warning popup can be closed, allowing password change.

1082728: Contents : Not possible to derive sample on conditional required field

Description: When a required field is conditionally based on another checkbox field, it is not possible to use the derive action.

Fix: Derive action is now possible

1080483: Contents : Whitespace in Content tabs

Description: When removing the Detail tab from a content, there is annoying whitespace in the other tabs after refreshing SLIMS

Fix: There no more whitespace in the other tabs

1078019: Upgrade: WarFileName does not work

Description: Specifying a warFileName in the properties before building a SLIMS kit does not work, and a “file not specified” error appears in the logs

Fix: Specifying war file names is now working.

1077081: Results : Import fails when Result data type is dynamic choice

Description: When a result is set to dynamic choice, the basic excel import/export says that the result is not unique.

Fix: Import does not fail anymore.

1074114: Macro: SLIMS GATE flow in macro does not refresh anything

Description: Macro: SLIMS GATE flow in macro does not refresh anything

Fix: The macro step is now refreshed after completion on the flow

1073407: Label printing: issue with label template with an error

Description: Printer jobs based on label templates that contain an error keep getting processed, causing a busy SLIMS server and a lot of logging

Fix: Printer jobs with an error go to status 'Error' and are no longer processed

1071225: NGS: Mix used in other mix can give an unclear error message in an NGS run

Description: When using a mix into another mix in a NGS execution run, a cryptic "duplicate key" error message is shown when trying to run a NGS execution run. Error message is expected, but its content is not user friendly.

Fix: No error message appears.

1070245: Orders: cannot create content within order when OrderContent has N/A Fields

Description: It is impossible to create content within an order (using the "+" button) when a field on OrderContent table has "can be N/A" set to true.

Fix: Pop-up appears to create new content.

1067026: Workflow : Aggregated method updates rslt_value every time the rslt_value of a single aggregating result is updated

Description: When using aggregated method in SLIMS to calculate i.e. mean, max, etc. for a repetition of results, it is observed that the rslt_value of the aggregated method is updated every time when the rslt_value of any of its aggregating method is updated.

Fix: Calculation occurs only once for multiple results

1055920: Fields: Console logging for value expressions don't appear after logging configuration change

Description: Console logging for value expressions stops working after tomcat logging settings are changed (update of log4j2.xml).

Fix: Logging appears in the console window

1052988: Slims Share : impossible to export when the file is using Japanese characters

Description: It is impossible to export a package when the file name contains Japanese characters

Fix: Can now correctly download a slims share package with japanese characters filename.

1052348: Content : New content form does not load fields if you have a lot of fields restricted by category

Description: When there are more fields restricted on category than on content type, the “new content” form doesn’t load the fields after selecting the content type.

Fix: The expected fields are now shown.

1051744: Adding or modifying lots of results is slow

Description: Adding or modifying lots of results is slow

Fix: Adding or modifying lots of results is now faster

1043151: Simplified ELN : Print does not use the correct timezone

Description: When printing an experiment, times in the fields “Created on”, “Last modified on” and “Completed on” are always displayed in UTC time zone

Fix: Timezone is correct when printing.

1034035: Results : Value expression sequence does not work as configured

Description: Value expression sequence does not work as configured on result record

Fix: Value expression sequence works as expected.

990616: Import store package failed trying to remove read only existing value

Description: When importing package “Inventory as content”, the field volume is required and contains some dependencies in the package. If there is an existing volume field with lower limit set up (e.g. 0), the package import fails with error that field lower limit is not allowed to update.

Fix: Package value is ignored if the package value is null

SLIMS 6.9.14

1076227: QC Graph card does not correctly display Japanese characters in title.

Description: QC Graph card does not correctly display Japanese characters in title.

Fix: QC Graph card now correctly displays Japanese characters in title.

1075876: Orders : Cannot see what content is in an order

Description: In some conditions when selecting some orders in order management, a "java.util.ArrayList\$RandomAccess" error message is displayed.

Fix: The error about the RandomAccessSubList does not occur anymore

1075732: ELN Note block: error appears constantly when typing

Description: ELN Note block: error appears constantly when typing

Fix: The error no longer appears

1075094: Attachment : "Invalid JSON was detected" when uploading an attachment

Description: An error dialog pops up saying "Invalid JSON was detected. Please contact Agilent support" appear when trying to add a new attachment in the attachments module.

Fix: No more error dialog is displayed.

1074287: ELN: Open ELN Link does not display ELN record

Description: When following a SLIMS ELN link, the ELN module opens but the ELN record is only displayed for a second before being replaced by the display of the project details.

Fix: The focus stays on the opened ELN record, and shows its details.

1073032: ELN: In link content block, the pop up loading data and Linking content is slow

Description: When there is a lot of content records (several thousands) linking content through a link content block can be very long,

Fix: ChangelogMaster#inheritSecurity is now only called in case record group or user is changed in the update. So the update due to linking the content in the ELN link content block will not call ChangelogMaster#inheritSecurity anymore which was the cause of the slowness.

1072873: Workflow: Link Content Block unable to unlink contents in the queue

Description: In a simplified workflow protocol, it is impossible to unlink a content from a run when it has been linked from the link content block

Fix: It is now possible to requeue from a link content block in workflows, unlinking is not possible

1070982: Rich Text datatype occasionally displays a "truncated data" error message

Description: In some conditions the rich text datatype shows an error message about data being truncated in the change log entry table

Fix: The truncated error message no longer appears.

1069928: Results: History is wrong and filler is being updated

Description: It is possible to update a result, changing status and filler, when a filler which is not the current logged user is defined.

Fix: The result is still in status pending and filler does not change.

1065247: QC Order: Specifications to be checked can be changed after scheduling

Description: After scheduling a QC order, the "specifications to be checked" field can still be edited. By removing the specs and reading them, the newest version will be linked, while the actual result evaluations happen at the version at the moment it was scheduled.

Fix: Specifications to be checked cannot be changed after order scheduling.

1064524: Worklists: Predefined QC rows have no content type and cannot be removed

Description: When a worklist template has predefined rows, they cannot be removed and are shown completely blank.

Fix: All values are filled in correctly and the row can be removed

1063552: History: loading history for certain modules can time out

Description: History: loading history for certain modules can time out

Fix: Loading history no longer times out

1063102: Link Content : Empty changes are saved endlessly

Description: When inline editing a content in a link content grid in a default or simplified protocol the changes, if empty, endlessly save.

Fix: - no message is shown. - back and next buttons are enabled.

1062468: Simplified Protocols : Empty grid templates sometimes don't populate until exiting and re-entering run

Description: Grid templates starting from Content filtered to "Context: linked in current protocol run" which are empty on step start remain empty after contents are linked to the run, even after "small refreshes" on the grid template block.

If you alter the filters so that there is at least one content in the block when the step starts, and then link additional content to the run, "small refreshes" on the block will show these new rows. It is only if the grid template block is displaying no rows when you enter the run.

Fix: After linking content in the reagent block, upon refresh of the grid template, the linked content now correctly appears in the grid template block.

1061023: Plugin : ConvertRecordService has result value not internalized if rslt_fk_test is not a PK

Description: In plugin, when using ConvertRecordService to create / update a result, with rslt_fk_test set to test name (and not the test PK) and rslt_value set to any value, the rslt_fk_test is correctly converted to the PK of the test while the rslt_value is not taken into account and is not in the output map.

Fix: rslt_fk_test is internalized correctly, the name is replaced by the PK.

1060421: R : SLIMS generates CSV files not in UTF-8 format

Description: When SLIMS generates a CSV file to be used in an R script, the file is not in UTF-8 format. This leads to problems when trying to work with the ?C symbol in R (among others)

Fix: The CSV file is in UTF-8.

1057499: SLIMS-R : locale and charset should have reasonable default values

Description: SLIMS-R - locale and charset should have reasonable default values

Fix: Default Java locale and charset are English and UTF-8

1056640: QC Module: QC by Card: Plot Not Properly Displayed

Description: QC by card sometimes displays correctly, sometimes it does not show up (even after refresh entire SLIMS)

Fix: Plot only appears for QC cards with an associated report template

1055916: Layouts: not possible to change layout as readonly role

Description: It's not possible for a read only role user to change his layout. There is also no way to assign a layout to a user as an admin. You can only use "enforce" to give all users of that role the same layout.

Fix: Readonly user can switch layouts

1054920: Localization: Japanese translation is missing in Add Sequencing settings dialog

Description: There are untranslated strings in Add Sequencing settings dialog

Fix: All strings in the Add sequencing settings dialog are properly translate in Japanese.

1053658: Groovy : Result of daoHelper.fetch() cannot be used in email() parameters

Description: It is not possible to use the result daoHelper.fetch() in the parameters of the email() method because it is kept as "MapWithRetrieve" instead of "Map", causing a NotSerializableException.

Fix: It is now possible to send a mail with some fetched entities in a map included.

1051743: Performance : On cloud instances, import runs slowly because of logging

Description: When SLIMS is generating a log of logging (due to some other SLIMS activity), the import of results is much slower than usually.

Fix: Logging does not have impact on performance anymore

1051648: Groovy : Code advice suggest deprecated method

Description: The advice for NoActiveUserFoundException suggest to use the deprecated method ActiveUser.set() to set a user.

Fix: Correct ActiveUser.runAsActiveUser(...) appears in stacktrace.

1045851: Attachment : Adding certain images to a field causes an error

Description: For some attachments, a warning popup "Server returned FAILURE with no error message performing operation custom" "is shown because the image cannot be previewed. A NoSuchElementException appears in the logs.

Fix: Images can successfully be uploaded and attached

1044150: Workflow : Mix grid sub-view is not editable

Description: Workflow : Mix grid sub-view is not editable

Fix: Grid Sub-View can be modified

1043333: Groovy : DataSourceCache contains wrong entries if formula field is defined in datasource file

Description: When using Fluent API, DataSourceCache contains wrong entries if formula field is defined in datasource file

Fix: The FluentExperimentStepQueries correctly appears in the logs

1031134: Result: Filling in a result in a run step, does not update the status to Verified

Description: When filling a result in a experiment run step, in some conditions the status does not move to verified and stays in pending.

Fix: The status now moves to Verified when needed.

1029995: QC Template : Results for analyte group don't show up in QC Card

Description: When creating a Default Custom QC template for a test which requires an analyte, it is possible to select an analyte group in the drop down list, but then result for analytes part of this group won't show up in the QC.

Fix: The result for analytes shows up on the QC card.

993815: Views : Match Any criteria fails for workflow queues

Description: "Match any" criteria fails when used in workflow queue, producing an unfiltered view.

Fix: See only contents that fulfill filter conditions

663036: SLIM REST documentation is too limited

Description: SLIM REST documentation is too limited. A few examples can be useful.

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1075876: Orders : Cannot see what content is in an order

Description: In some conditions when selecting some orders in order management, a "java.util.ArrayList\$RandomAccessS error message is displayed.

Fix: The error about the RandomAccessSubList does not occur anymore

1075732: ELN Note block: error appears constantly when typing

Description: ELN Note block: error appears constantly when typing

Fix: The error no longer appears

1075094: Attachment : ``Invalid JSON was detected" when uploading an attachment

Description: An error dialog pops up saying "Invalid JSON was detected. Please contact Agilent support" appear when trying to add a new attachment in the attachments module.

Fix: No more error dialog is displayed.

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1072382: Attachments: It is not possible to drop attachments into a note

Description: Attachments: It is not possible to drop attachments into a note

Fix: Attachments: It is now possible to drop attachments into a note

1070160: Views : Slow views with role restriction on a lot of content types and statuses

Description: Default view is long to load (about 20 seconds) when user role has restrictions on lot of content type and content status.

Fix: Default view is fast

1064617: ELN: Result Block can get stuck and keep loading after a block refresh

Description: In ELN result block, after entering a value and performing a block refresh, the block content can remain in "loading data" state.

Fix: The block is no longer stuck after refresh,

1062018: Workflow queue not reflecting accurate content count

Description: When contents are in a workflow queue, the number next to the queue in the workflow graph does not accurately reflect the number of contents in the grid. If a protocol run is created, the number of contents

in the queue on the graph gets decremented, but the content stays in the grid on the right and shows the total count of contents, including the ones that are in a protocol run.

Fix: The displayed number is now correct.

1057864: Scheduled jobs: no fluent groovy possible

Description: When trying to fetch records in a Scheduled job using the “global” property, it outputs an error (groovy.lang.MissingPropertyException: No such property: global for class)

Fix: global property works.

1057278: QC Module: “New” button on left section of QC by Template

Description: In the left section of the QC by Template , the “new” button has no effect.

Fix: New button is visible

1056146: Macro: Lots of time spent fetching macro groovies

Description: When running a macro on a instance with lots of fields, a lot of time is spent fetching and refetching the groovies for this macro

Fix: Caching is used to speed up groovies fetch

1055884: Groovy : Sequences.next returns null for label templates

Description: Using sequences.next with label templates returns a null value and log the following error:

Error occurred in executing groovy label template DWP BC Labels java.lang.NullPointerException: Cannot invoke method next() on null object at org.codehaus.groovy.runtime.NullObject.invokeMethod(NullObject.java:91)

Fix: It does not return null.

1055923: Content: Creating record which is not applicable to your current filter in view gives issues

Description: If you have specific filter in your view, the grid will try to find your newly created record and remove the filters to do this.

Fix: The default view is selected but only the newly created records show

1055922: Content : View with frozen columns and filter on location is null gives issues

Description: When choosing the filter “location is null”, the view popup window is sometimes not closed. After pressing a few times on the apply temporarily button, the grid tries to load but fails

Fix: Grid is correctly filtered on location is null

1055918: Content : Performance issue when updating a record having lots of derivations

Description: Saving a content with a large derivation tree is slow

Fix: In case there are no changes, there now is no propagation to derivations.

1054705: Studies: Exported dynamic choice fields have empty values

Description: When exporting all Studies to Excel, the values of some fields are missing.

Fix: Column with a display value are correctly exported.

1054500: Localization: Japanese translation is truncated in progress dialog

Description: Button ?????????? (run in background) of In Progress dialog for file attachment progress is truncated.

Fix: Button is correctly displayed

1052517: Localization: Workflow graph buttons are truncated in Japanese

Description: In Japanese, in the workflow management module, display buttons on the left have their text truncated

Fix: Button text in Japanese now fits button size

1050338: Orders : Form loading gets slower when navigating thought order types

Description: When there is a lot of custom fields on order, navigating thought order types gradually makes the loading of the form slower.

Fix: Form is no more slow

1049830: InterActiveImportService : Not possible to add "Irrelevant" date

Description: When a imported file contains the "Irrelevant" entry, InteractiveImportService and is failing because the date "Irrelevant cannot be parsed" while it should be ignored.

Fix: Date with value Irrelevant is ignored

1049209: R report: Very slow generation of csv

Description: The csv generation of an R template, goes extremely slow on Results.

Fix: CSV export is much faster

1045047: Sign-off: Authentication ``window" does not go away

Description: When closing a run step and the sign off authentication window opens with an external authentication log in window. After closing the ?authentication is complete? window and returning to slims, this authentication box is still there.

Fix: The authentication box is no longer there.

1041683: SLIMS Share: Installed packages tab freezes

Description: Clicking on the Installed packages tab doesn't do anything and it freezes. A Tomcat restart is needed to fix it.

Fix: The installed packages tab works as intended and no longer freezes

1041214: Order: Time fields are wrongly copied when using `Copy order group' or `copy order'

Description: Copying an order group by right clicking in order grid causes time field value to be copied with -1H than original value. Copying an order using a single step 'copy order' macro, causes time field value to be copied with +1H than original value.

Fix: Time fields are always correctly copied.

1035735: Tests : The value expression of a record that requires a signature cannot be triggered by a record that does not require a signature

Description: When a test which is not requiring a signature triggers a test which requires a signature, the second test is not triggered: it does not get updated and signature popup does not pop up.

Fix: Test is updated and electronic signature popup is shown

1035411: Orders : It takes a long time to load Content in an Order

Description: The content grid in the Orders module is extremely slow (more than a minute) to load when it contains a lot (3000 for instance) entries

Fix: It takes a few seconds to load the content grid

1035073: Login : History records are not always created for log in or log out events

Description: History login and logout events are sometimes missing: the automatic logout doesn't create the event, or an account stays logged in forever and does not have login events created.

Fix: Automatic logout creates event

1033082: Customer Order Portal : CSS stylesheet file is missing

Description: Missing plugin stylesheet may lead to un-user-friendly view on webpage. Logs show "PortalRenderer - Could not find a plugin stylesheet '/styles/styles.css" info message.

Fix: Forms are now wider

1033079: Customer Order Portal: Update Order button always gives an error

Description: Update order in portal is not possible, the "Could not update order:errorConcurrentChangeDetected" error is always raised.

Fix: Updating an order is possible

1033077: Customer Order Portal: an error shows when adding Dynamic Choice Field into portal

Description: Customer Order Portal: an error shows when adding Dynamic Choice Field with multiple values into the portal

Fix: The error no longer appears

1031393: ELN: Result Block Views sorting does not work after refresh

Description: Sorting in the view of result block in ELN is not working as expected after refresh.

Fix: Sorting works after refresh.

1030101: QC : No filter is working

Description: In the QC module, adding a view is possible but no filter is working.

Fix: Filter value is set and the filter is applied

1028457: Content types: unable to excel import content types to a specific category

Description: Importing content types in a category that is not default fails.

Fix: Content type is imported in selected category

1026939: Simplified ELN : plugin with "simplified" usage does not show in "Link content" block

Description: There is no way to have a SLIMSGate flow showing on a link content block in a simplified protocol in workflow.

Fix: Flow appears in simplified workflow.

993819: Sample Scheduler: Empty value overwrites sequence field

Description: Values not filled in a sequence overwrite default values when sequence is submitted to the sample scheduler,

Fix: Not defined values (empty parameter) no longer overwrite existing (filled) parameters of the rolled out sequence.

988280: Orders : Grid is not refreshed after going to status content received

Description: Using the action or macro to move an order to content received, the grid is not updated.

Fix: Order grid is refreshed automatically

969747: Studies: Duplicates in export to excel

Description: When exporting studies to excel from study module, some lines are duplicated in generated file.

Fix: The lines are no longer duplicated

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1053257: SLIMS Share: Error when importing cannabis_complete_workflow package

Description: An ErrorUpdateAmountField exception is raised when trying to import the cannabis_complete_workflow package

Fix: Importing the cannabis_complete_workflow package now works.

1043407: Python: Fetching a lot of records returns EmptyDisplayField error in some cases.

Description: Doing large fetches on records with multiple dynamic choice fields causes an EmptyDisplayField error to be thrown.

Fix: The records are now correctly shown.

1043361: Excel import: Slow performance when importing a huge file

Description: When importing a large Excel file, it takes a long time to finish the import.

Fix: Excel imports with big files are now faster.

1039823: Upgrade: Upgrade script for 6.8 fails when the count of cnrd_fk_status fields is not zero

Description: The SLIMS 6.8 upgrade script fails with lots of exceptions (BeanCreationException, LiquibaseException, MigrationFailedException, DatabaseException, SQLIntegrityConstraintViolationException, ...) in the SLIMS logs when the count of cnrd_fk_status fields is not zero.

Fix: The upgrade script for 6.8 works in this case.

1039768: REST API: Attachments are reachable without access rights

Description: Using the REST API it is possible to download documents to which the user should not have access due to access rights limitations.

Fix: Only attachments where the user has access to can be downloaded, using the REST API

1039264: Worklists: Issue with new worklist

Description: After adding/moving an order to the new worklist, the Order is not removed from the worklist selection. The Test columns are also not available when working in the worklist

Fix: The order is removed from the worklist selection, when added to the new worklist. The test columns are now visible when working in the worklist.

1033809: SLIMS Share: Cannot export container types with "Additional location type"

Description: When trying to export container type records using SLIMS share, if the container type has restrictions on "Additional location types", then the container type cannot be exported successfully (a json file with 0 KB will be generated) and errors shows in slims.log.

Fix: The export works as intended.

1032984: SLIMS Share: Unable to export macro having too many parameters

Description: Exporting a 'complex' macro (e.g. with > 40 content type restrictions) fails with the "The incoming request has too many parameters. The server supports a maximum of 2100 parameters. Reduce the number of parameters and resend the request." error. Only happens on MSSQL.

Fix: This error no longer appears.

1032738: Worklists: Move button is shown twice

Description: When selecting a record inside a worklist, the move button is shown twice.

Fix: Move button is only shown once.

1032481: Dashboard: Graph widgets do not show up after upgrade

Description: Graph widgets are not displayed on the dashboard after upgrade to 6.9.8.

Fix: The graph widgets are displayed.

1031648: Workflow: Hide used content in mix protocol step throws an error

Description: Checking the box 'Hide used content' in a protocol run step of type mix throws an 'could not resolve property: corl_fk_from.cntn_pk of: com.genohm.slims.common.model.ContentRelation' error.

Fix: The error no longer appears.

1029489: Licenses: License is not returned after Tomcat shutdown

Description: When tomcat is shut down, the licence is not returned, causing the original server not being able to request a license when its db has been copied to another server.

Fix: When tomcat is shut down, the server license is returned.

1028910: Report templates: draft generation count gets copied on new versions

Description: When a report template is versioned, the generation count of its draft is copied to the generation count of the new version.

Fix: The generation count is set to 0 after versioning

1028816: Triggers: SlimsFlowTriggerList can contain multiple identical entries

Description: When triggering a slims gate flow via a conditional value expression rule, the resulting slims-FlowTriggerList in the flow can contain identical entries more than once.

Fix: slimsFlowTriggerList can no longer contain duplicate entries.

1026614: Electronic signature: No signature box for signature required on Content Status

Description: When a content status is set with "an electronic Signature is required to edit records with this status" option turned on, trying to edit a content with that status in the Orders module shows a pop up saying "signature required" but no signature box pops up.

Fix: The signature box now appears

993061: Performance: Performance issues can occur for specific SLIMS setups

Description: Performance issues may occur in cases where lots of entities are created and updated at the same time.

Fix: Added 30 general performance improvements when lots of entities are created and updated. Some of the improvements are related to analytical workflows with a lot of requests (lots of analytes), the rest are general performance improvements.

992690: Email templates: Cannot use "Sequences" method in "Email Template" template expression

Description: "no such property" error occurs when using "Sequences" method in Email Template Expression even if there is the method in "insert" menu.

Fix: 'Sequences' can now be used.

991728: Orders: Error message when creating new order in specific cases

Description: A error message pops up that order type is required. After confirming the popup, you can select your order type and create the order successfully. This only happens when lab setting 'Allow only one content record per order' is enabled.

Fix: The error message is no longer shown.

990597: Locations: In the Location detail tab, some actions do not work

Description: In the Location detail tab, the action 'content link' does not work, as well as 'Link to picklist', 'Change parent', 'Workflow chain of custody' and 'view rule evaluations'.

Fix: The broken actions are now working again.

984146: SLIMS Store: Import package from store: it is sometimes not possible to reuse existing field s

Description: When importing packages, it is not possible to reuse existing quantity fields with different units in same dimension.

Fix: It is now possible to reuse existing quantity fields with different units in same dimension.

979099: Widgets: Graph widget "Sort on" action has no effect

Description: When creating a graph widget, nothing happens when clicking on the "Sort on" action in the Columns section of the Meta tab.

Fix: The 'Sort on' button now opens a pop-up, where sorting can be configured.

977837: Worklists: Cannot open a worklist

Description: It's not possible anymore to load certain worklists.

Fix: All worklist can now be opened again.

949752: SLIMS Store: CoA cannabis report cannot be run when cancelled/rejected results are present in the order

Description: When a order contains both verified/validated and cancelled results that are triggering the same specification, the CoA report cannot be created as the same title (specification) is used twice in the pie chart

Fix: If there is only one validated/verified result then the pie chart gets created. For customers that run duplo/triplo a warning in the User Documentation that the summary pie chart is limited to single results has been added.

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986623: Licenses: Concurrent licenses not freed up automatically with OpenID

Description: When a concurrent user logs in with OpenID and doesn't use the log out button, the concurrent license is not freed up after tomcat session timeout.

Fix: The concurrent license is released after a tomcat session timeout

961125: Content : Printed history data is incomplete

Description: When printing the content history, change column is empty in some rows

Fix: The printed history is now complete

SLIMS 6.9.10

1042216: ELN : When running Mix content macro from action block, some content is not included in the mix

Description: Some ingredients in a mix can be lost when performing macro to mix contents from an action block in the ELN. Derivation tree and History don't show all contents selected for the mix. This is caused by an incorrect behaviour of the selection. When macro is run from the drop down selection on top, no issue occurs.

Fix: The selection of ingredients now works correctly and includes all selected ingredients in a mix.

1030304: Electronic signature and Plugins: Plugin cannot update a result requiring signature on modification

Description: A SLIMS Gate flow that updates a result in status 'Verified', requiring a signature on modification fails, and no signature popup is displayed.

Fix: SLIMS Gate flows that requires e-signatures during a step that requires a file upload can now correctly be signed.

1025830: Plugins: Plugin set with vaadin plugin does not work and requires a file upon trying to save

Description: When importing a vaadin plugin via a plugin set, when trying to save afterwards it throws an error on the lack of file in the plugin.

Fix: A plugin set including a Vaadin plugin can now be uploaded and edited (in the plugin configuration) afterwards.

993813: Results: N/A result can be removed unexpectedly

Description: When setting a result for a test of data type date (that can be N/A), results of other tests set to N/A can get removed.

Fix: Other results no longer get removed in this case.

991184: Simplified Protocol: Required extra content is not validated

Description: In a simplified protocol having a link content block with required extra content types, running the protocol without linking required content types works while it should not be allowed.

Fix: It is now no longer possible to run the protocol in this scenario.

989876: Sequences: It is not possible to use a SLIMS sequence of type GROOVY in the generation of barcode with DB sequences

Description: SLIMS sequences of type value expression cannot be used in the generation of barcode when SLIMS uses DB sequences (JVM argument `slims.usedatabasesequences = true`)

Fix: When using JVM argument `slims.usedatabasesequences = true` SLIMS now allows to use sequences of type groovy to be used to generate a barcode for a record (like content, order, result). The type of the sequence is not changed from groovy to barcode.

989141: Macros: Inactive Label Templates are selectable

Description: When a print labels action step is used in a macro, active and inactive label templates appear in the selection dropdown.

Fix: Inactive label templates can no longer be selected.

988875: Reports: XML Generation show PKs instead of record name for dynamic choice multiple values

Description: When generating an XML file (for Jasper Reports) that includes a dynamic choice field with multiple values enabled, the record PKs are listed for that field instead of record names.

Fix: The record names are now shown, instead of the PKs

985012: Fields: Date Difference fields require an extra save to evaluate

Description: Date Difference fields only evaluate on a second save if one of the targeted fields is changed.

Fix: Date difference fields are now accurate on a single save.

983367: Results: Removing all values of a multiple values fixed choice does not change status

Description: When removing all result values of a multiple values fixed choice, status does not change from verified to pending

Fix: Result status now goes to pending in this scenario.

983104: Workflow: Cannot remove usage of reagent when its status requires a signature to edit it

Description: In a default protocol, in a link reagent step, it is not possible to remove a usage if the status of the reagent requires an e-signature on edit.

Fix: see 979088

982535: User: filtering history on a specific user raises a HTTP 502 error

Description: in User or Test modules, when trying to filter history on a specific user an HTTP 502 error is raised

Fix: Filtered history events show up for a specific user and no longer cause a timeout error.

979088: Reagents: Default Usage removal throws error when status of linked reagent requires signature for updates/edits

Description: In Link Reagent step, removing a reagent usage causes a warning message when status of linked reagent requires signature for updates or edits.

Fix: The usage can now be removed.

973874: Macro: content created in `Create Content' macro step are not linked to protocol run step.

Description: The contents created in a 'Create Content' macro step with 'Output content to block'=true are not linked to the protocol run step of the workflow run

Fix: The content created in the 'Create content' macro step are created AND linked to the protocol run step.

970812: Macro: NA value is saved in macro configuration after disabling NA in the field

Description: When a macro is designed to set "NA" for a field (which can be NA) and when this field is later updated to disable the "can be NA" option, running the macro hiddenly sets the field to NA

Fix: The field is no longer set to NA when 'can be NA' is not an option for the field.

963100: License: Hourly license update failing due to back office update

Description: Flexera update of license rights from back office can conflict with hourly license check resulting in 'SLIMS will degrade' warning showing up after every refresh until the next successful hour check in the next hour.

Fix: This error is now ignored and no longer displayed to the user.

960764: Simplified protocol: ``link and go back to workflow" function sometimes does not work

Description: In some conditions, when the user uses the function "link and go back to workflow" in a block within any protocol run that expects users to link content, the interface brings users back from content module to the block but the block does not show the linked contents sometimes. The contents however, are properly linked. After a browser refresh, the users are able to see the linked content in the same block.

Fix: The linked contents are now always correctly shown when coming back to the block.

960125: Slims R : Error message ``R_USER not set" when attempting to generate report

Description: Because of missing properties to set locale and charset in SLIMS-R, attempt to generate an R report (using an R test script) within slims result in the 'R_USER' not set error.

Fix: It is now possible to generate R reports. The properties are now correctly used in SLIMS-R.

954287: SLIMS Share: Layouts with simplified protocols do not transfer

Description: SLIMS Share: Layouts with simplified protocols do not transfer

Fix: SLIMS Share: Layouts with simplified protocols can now be transferred

944100: Roles: access right for default action not enabled by default

Description: When upgrading or deploying new instances to 6.9, the 2 new functionalities “can create content using default action” and “can update content using default action” are not enabled by default.

Fix: “can create content using default action” and “can update content using default action” are now active by default.

933337: Macro: Macro crashes on edit content step

Description: In some conditions a macro can get stuck at edit content feedback step

Fix: Macros now close with success and no longer get stuck

687475: SLIMS Development manual: Documentation for customer development with Eclipse is insufficient

Description: SLIMS Development manual: Documentation for customer development with Eclipse is insufficient

SLIMS 6.9.9

977714: SLIMSGate flow with usage internal: Camel route is sometimes not created

Description: When using the slims store file importer configuration with an import from a watch folder, the import sometimes fails with the slimsgate.log indicating that a camel route cannot be created. The same file can later be imported successfully.

Fix: The route is always successfully created.

977463: SAML: Status setting that requires comment forces users to sign in again

Description: When using SAML authentication, users are required to sign in when editing a content that has status that requires a comment to be added (but not e-signature)

Fix: It is no longer required to sign in with the authentication provider when leaving a comment.

976957: SLIMS Share: “There exists at most one entry...” option value changes after grid template migration

Description: During SLIMSShare grid template migration, “There exists at most one entry for this node for each corresponding root node” option has changed after the import.

Fix: The value does not change during the import.

972534: Audit trail: Inconsistency in boolean display

Description: Boolean values are sometimes displayed as 1 instead of true in the audit trail.

Fix: Boolean values are now always shown as true or false (and not as 1 or 0)

971412: Picklist: Impossible to save

Description: The button to save changes in a picklist has no effect.

Fix: The picklist save button works.

967419: Content: The history is not completely visible

Description: In the content module, the history is not completely visible in the history tab, the scrollbar not allowing to see hidden part of the history

Fix: In the content module, the history is now completely visible in the history tab. The layout has been corrected.

965333: Reagents: All Contents appear in the result grid along with the selected reagent

Description: On link reagent step for default protocol, the usage tab does not filter anymore on reagent only content but also shows "normal" link content from queue

Fix: Only the reagents are visible. The 'normal' content is filtered out.

965280: Groovy: isNA fields are not in content object in label template value expressions

Description: isNA fields are not part of the content objects in value expressions for label templates. `if(content.cntn_cf_xxxx_is return "N/A" }` script does not work as `cntn_cf_xxxx_isNa` is not in the content object.

Fix: 'isNa' has been added to the the content object

954118: ELN: It is impossible to refresh a simplified protocol block from a plugin

Description: It is not possible to trigger a refresh of all the blocks of a simplified protocol from a plugin.

Fix: The text of Notes and SOP blocks is refreshed after a SLIMS GATE flow is executed.

952251: Macro: The edit action does not allow editing of flagged fields when multiple contents are selected

Description: Having a flagged field which relies on another field. Running an edit action to update multiple fields does not allow to fill this flagged field for the selected contents. Running this edit action on a single field works

fine.

Fix: Running an edit action on multiple flagged fields now works in this scenario.

943570: Sample scheduler: Link to sequence does not work when scheduler URL does not end with a /

Description: When SLIMS is configured with a sample scheduler URL without a trailing / (slash), link to sequence misses a slash and thus breaks access to the sequence.

Fix: The link now also works when the scheduler URL does not end in a / (slash)

769491: Installation manual : No instruction on how to rollback in case of failure

Description: In case of failed upgrade, there is currently no instructions on how to proceed to a rollback.

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969881: Workflow: ``New" button only becomes available after running ``Add multiple" button

Description: When trying to create a manual result in a protocol run where results are not created automatically, the new button is not available unless "add multiple" action is performed.

Fix: The "new button" is now always available.

969377: SLIMS Store: Error when enabling Proband field from Pedigree Package

Description: After installation of the Pedigree Package from the SLIMS Store, enabling the Proband field from a derived content of a Pedigree content type raises an "Could not find the active user" error.

Fix: Error no longer appears when enabling Proband

969426: Workflow: Result can be removed from closed protocol run step using Excel import

Description: When using Excel import, it is possible to update results from a closed step

Fix: It is no longer possible to update results from a closed step with Excel import

967237: Licenses: SLIMS licensing issues appear after importing one SLIMS database into another one

Description: After copying a database and file repository from an instance to another (e.g. production to Test), the production licenses are set to be degraded in x hours.

Fix: Server licenses are now returned when shutting down tomcat, making it possible to dump and restore databases without licensing issues, on the condition that tomcat is shut down before making the database dump.

966460: Fields: Time is wrongfully displayed in an experiment run

Description: When filling the time in a time field on protocol run level, the time shifts. After the soft refresh the correct time is shown.

Fix: The correct time is shown. Time no longer shifts.

964811: Reagents: Error message when adding usage in link reagent workflow step.

Description: Adding a Usage inside a “link Reagents” step of a workflow causes the “This datasource does not support Find” error message to appear.

Fix: The error no longer appears.

964275: Grid template: type filter instantly cleared

Description: It is not possible to filter grid templates by types because the filter is cleared automatically right after being set

Fix: The option to filter on type is no longer available.

963821: Products: newly created child product doesn't have a value for prdc_fk_parentProduct in the groovy map

Description: When creating a child product, the created product map doesn't have a value for prdc_fk_parentProduct (in groovy)

Fix: The created product map now contains prdc_fk_parentProduct

963820: Fields: A checkbox depending on another checkbox is not evaluated when hidden

Description: The value expression of a field depending on checkbox field (“show only if X is checked”) is not evaluated when X is not checked and the field thus not displayed.

Fix: The value expression is now correctly evaluated

963490: Request: Error when loading request list with absent dynamic choice display field

Description: When displaying a dynamic choice, if the selected reference data does not have the field used for display filled in, a "Request_fetchManyToMany" error is displayed

Fix: The error no longer displays, the request can be loaded

963041: Order request: scheduling of high number of specification is not usable

Description: When requesting high number of tests with specifications, the user experience is not fitting business need and implementation circumventing this limitation causes performance issues. This is illustrated in this scenario where labs want to ask for "test this Cannabis sample on Concentration of Heavy metals according to the specifications of California." We would typically treat this as a QC order and you add "Specifications to be checked" something like "Cannabis california - Heavy metals". This is often awkward, it's weird to design your products like this. You have a lot of duplication on specifications, analyte groups, ... and this complexity creates unworkable performance issues.

Fix: Orders of type "Order management" now have the option "Allow to select products and specifications". When active, this setup significantly improves performance.

961745: Databas: Wrong date column datatypes are being created on MSSQL

Description: Upgrading a 6.9 instance to 6.9.6 may create date columns with wrong datatype (datetime2 instead of datetimeoffset)

Fix: date columns are now of the correct datatype (datetimeoffset)

961123: View: Error when searching history on `Field updated' value

Description: When attempting to query the History in the Content module for a specific field being updated (selecting ?Field updated? as the parameter for the query) and selecting a flat dynamic choice field an error "Criteria for field tbl_label are not supported" or "Must be a whole Number" occurs

Fix: The errors no longer appear

960768: Performance: Loading is slow to schedule order and start protocol run

Description: Loading time can be very slow when scheduling orders or when starting a protocol run, especially if the protocol run has several contents, and each content is requested with a test with 15-30 analytes.

Fix: see 963041

960672: Locations: Random `Cannot drop here' error appears

Description: The content detail can sometimes randomly break, throwing "Cannot drop here" errors

Fix: The errors no longer appear

960193: Plugins: Reset config to default resets to the state of import

Description: After updating a plugin default config in the plugin code and you updating the plugin, it is not possible to reset the config to this new default configuration. The reset button resets to the original state.

Fix: The reset button now resets to the new default values.

960150: Rule: Total number of row is wrong in export and value expression is exported twice

Description: When exporting rules, the total number of row is wrongly displayed in export window and in the generated excel file the value expression is exported twice in two columns

Fix: The total number of rows displayed is now correct. Only 1 value expression is now exported.

959725: Report templates: Generation count does not increase for Core reports

Description: 'Generation count' of report templates works only for SlimsGate reports, not for Core reports.

Fix: Generation count works as intended

959573: Content: The status workflow prevents the record from being edited

Description: When a status "status 1" of a status workflow has been disabled and then reenabled, selecting it in a content status field makes impossible to edit the record once saved. The following error is then thrown: "The status transition status 1 ? status 1 is not active. you can't active the transition"

Fix: Self status transitions are never disabled.

957504: Analytes: sorting on N/A short text field results in error

Description: In the analytes module when sorting on the list of analytes on a custom field of type N/A, it results in no sorting and a pop-up with an error that it could not resolve a property for tableFieldValues

Fix: Sorting works as intended.

954346: Analytical method: automatically calculated tests never show more then 6 tests in read-only list

Description: When an analytical method has 'calculate tests automatically' set to true, it is not possible to see more then 6 tests listed as the read-only list format does not allow for the scrollbar that is present when turning this setting off.

Fix: The read-only lists of test is now scrollable

953932: Scheduled jobs: Camel route is not created when importing scheduled job via slimsshare

Description: Camel route is not created when importing scheduled job via slimsshare

Fix: A Camel route is now immediately created when importing a scheduled job via slimsshare

948973: Plugin: plugin configuration is not updated after a plugin update

Description: When updating plugins via plugin set import, an update of a plugin's configuration is recorded in the history of that plugin, but the configuration is actually not updated.

Fix: The following behavior is now in place: If you get a plugin from SLIMS Share and it causes an update of a plugin: Do not overwrite the configuration. If you get a plugin from a plugin set and it causes an update of the plugin: Overwrite the configuration. History corresponds to what happened.

948970: Plugin: Version is cleared even for updates without changes

Description: When saving a plugin that has a value in slpg_version, this value is cleared even for updates without any changes

Fix: slpg_version is not cleared when an update without changes happens

946708: SLIMS GATE: DelayedTrigger happens although the triggering update did not happen

Description: When a record update delay triggers a SlimsGate flow via a Rule, and the record update is blocked due to a concurrent change error - the SlimsGate flow is still triggered

Fix: The delay trigger does not happen if the record update fails

943050: Fields: Not possible to unlink a content from an order in case a value was stored on an order content field

Description: It is not possible to unlink a content from an order in case a value was stored on an order content field. It is also not possible to permanently remove such an order.

Fix: In both cases, a warning message indicating that the data on the order content will be lost is shown. After confirming, unlinking or removing is now possible.

940648: Macro: pre-entered field values from the macro config are overwritten by the default field value expression when creating content with a macro

Description: When creating contents in a macro with field values configured in the macro configuration, these values are not taken into account when the field has a value expression configured in the fields module. This value expression overwrites the values from the macro configuration.

Fix: The values from the macro configuration are used instead of the default value expression.

810795: Workflows: An error occurs when saving an empty value result

Description: Workflows: An error occurs when saving an empty value result for the following data types: Decimal number, Whole number, Date, Date and time, Time, Dynamic Choice

Fix: The error no longer appears

775075: Installation manual : Tomcat and proxy config for CLL need clarification in case apache httpd is used

Description: The installation manual does not mention that when using apache httpd, tomcat should not run on 80 or 443 port anymore but on 8080

And licensing proxypass should use 127.0.0.1 instead of localhost

757458: Protocol Run Steps: Unable to drag and drop samples in location tab

Description: Drag and drop of samples in a location tab in Protocol Run step while running a protocol does not work all the times.

Fix: Drag and drop of samples in a location tab in Protocol Run step while running a protocol now works correctly.

704873: Content: Permanently removing content can generate an error message that is not user friendly

Description: Permanently removing content can be impossible for various reasons. When this is the case, an error message that is not user friendly might be displayed. This is a cryptic error message about ?SQL [n/a] constraint [null]? (and more hibernate/spring technical details) .

Fix: The error messages are more user friendly.

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971321: Audit trail: Changes to flat date(time) fields are sometimes not recorded when using SLIMS REST

Description: When updating a flattened field of type date or datetime through SLIMS Rest, no history for change is recorded in audit trail.

Fix: The history is now correctly recorded

961705: SLIMS Share: Action block with macro forgets link with macro on export

Description: When you export a protocol with an action block to slims share, the link between the action blocks and any macros configured for that block gets lost.

Fix: The link between them is no longer lost on export.

959107: SLIMS Share: Protocols lost their "restricted to macro"

Description: During SLIMS Share migration of protocol, macros in the protocol (action block with "restricted to macro") cannot be migrated. No error occurs but after migration, protocol is migrated whereas the macro in the protocol is empty, even when the macro was previously imported.

Fix: Macros in the protocols are now migrated as well

958418: Macros: Input field visible during macro execution when "Specify value expression" is enabled in macro configuration

Description: After specifying a new value expression in the macro configuration, the input field is still visible to fill in during the macro execution (e.g. in Content module). The value entered during macro execution is ignored, the value expression from the macro configuration is correctly used.

Fix: The input is now correctly hidden during macro execution.

956076: Login: SLIMS login page can freeze on certain Chrome versions

Description: Login: SLIMS login page can freeze on certain Chrome versions, making a SLIMS login impossible.

Fix: SLIMS login page is no longer frozen.

951575: Views: Highlighting is seemingly transferred to other views

Description: Adding a new highlighting in a view and saving this view makes the highlighting to be also present in other views (until a SLIMS refresh)

Fix: Highlighting is no longer seemingly transferred to other views.

950692: ELN: Macro available when run is completed

Description: Macro from action block can be run even when run is completed

Fix: Macro (and other actions) in action blocks are now readonly (greyed out) when a run is completed.

949155: Database: MariaDB export fails to import on MySQL

Description: 6.9 MariaDB export fails to import on MySQL

Fix: 6.9 MariaDB export can now be imported into MySQL

948354: Rules: email() does not send when parameters argument is included

Description: When using the email() method in rules, the method email(String) works, but the method email(String, Map<String, Object>) does not trigger anything to send

Fix: email(String, Map<String, Object>) now works as expected

946002: API Manual: correct section on setting Active User

Description: The SLIMS development manual states that ActiveUser.set() should be used, while instead, this should be used: ActiveUser.runAsActiveUser(user, () -> { //do stuff here })

Fix: The SLIMS development manual has been updated and now contains the correct instructions

943993: Grid: (MSSQL) ``from" relation to attachments prevents grid loading when more than 2100 attachments are fetched

Description: On a Content based grid, having a "from" relation to the attachments, will break export of the grid when total number of attachments gets greater than 2100 (e.g. 701 content with 3 attachment each)

Fix: Those grids can now be exported

941426: Orders: Foreign key constraint issue when unlinking contents from cancelled requests

Description: SLIMS is throwing an error whenever a user attempts to unlink a content with a previously added flag from a cancelled request.

Fix: The content can now be unlinked without error.

941104: Excel import: Propagated required field is required during excel import of a derivation

Description: During an Excel import: When having a mandatory field which propagates to derivations and the imported derived content does not have this field filled in, an error is raised (while SLIMS should reuse field value from the parent content)

Fix: SLIMS now reuses the field value from the parent content during the import

811016: Content status workflow: Some status (transitions) are not behaving correctly

Description: Content status workflow: Some status (transitions) are not behaving correctly. This is only the case for content status transitions.

Fix: Content status workflow: all status (transitions) now work as expected.

807048: Access rights: Default creation actions are sometimes incorrectly disabled

Description: The default creation actions (New, Derive, Aliquot, Dilute, Copy, Mix content) are disabled incorrectly and disappear with “Can create content using default actions” is True and “Can update content using default actions” is False Created macros are also disabled and disappear.

Fix: Default creation actions are now enabled and disabled at the right moments.

806783: Masshunter: worklist export to CSV with Chinese characters contains wrong characters

Description: The characters in the exported Masshunter CSV sample sheet are wrong when it contains Chinese characters

Fix: Exported Masshunter CSV files can now contain Chinese characters

806679: Time fields: The time field of a copied order temporarily give a wrong value (+1h)

Description: When copying an Order, the time fields are actually displaying the time +1h in the grid and form until a “soft refresh” of the grid is done. After the soft refresh the correct time is shown. But saving this record before doing the soft refresh saves the time +1h to the database.

Fix: Time fields of copied orders now always display the correct values.

805476: Localization: When logged in with a German user, the slims version displayed is not correct

Description: Localization: When logged in with a German user, the slims version displayed is not correct

Fix: The displayed version is now correct

804848: Worklist templates: Columns on result are not sortable

Description: In a worklist template the result columns are not anymore in the order they were selected.

Fix: All columns are now in the order according to their position that is defined in the fields module.

803501: Locations: Concurrent changes detected when attempting to reserve a location position

Description: In some cases an errorConcurrentLocationWrite with message “Concurrent changes detected position with row x and column y is already occupied” is thrown when attempting to reserve a location position.

Fix: It is no longer possible nor needed to reserve location positions.

797117: Role: update level set to ``nothing" prevents content creation.

Description: A role with all the necessary functionality rights to create a content and for which the update rights are set to "nothing" cannot create a content in the content module.

Fix: see 807048

794255: SLIMS Share: Synonyms are not removed when you remove a record

Description: When deleting a record (like an unused field), its package guid is removed, but not any of its synonyms.

Fix: SLIMS Share: Synonyms are now also removed when you remove a record

789959: Flat field reporting: Not reported when query fails

Description: When a query involving flat fields times out (or gives a DB problem) this flat field is not reported on with flat field metrics and logging

Fix: When a query involving flat fields times out (or gives a DB problem) this flat field is now reported on with flat field metrics and logging

785307: Contents: Expiration date using a Date field causes reagents to expire at 12:00

Description: When the expiration date field is a ? Date ? field and not a ? DateTime ? field, the (hidden) time is actually 12:00. So reagents that are being used after noon (e.g. at 13:00) are considered as expired.

Fix: Reagents no longer expire on the expiry date, but only the day after, as it should be.

775551: Dashboard: graph widget does not use display field but pk instead

Description: When creating widget graph using as facet fk field (such as status), then the key of the status is used instead of display field

Fix: The correct display field is now used instead of the pk.

766711: Users: a password modification is not recorded as a change to the user record in the user audit trail.

Description: When a user changes its password, the modification is recorded in the user audit trail as "No changes to this record since last update".

Fix: A password change is now recorded as a change to the user record. The old and new passwords are both obfuscated in the user audit trail.

617254: Groovy: can cause erroneous error log entries in the SLIMS log files.

Description: Groovy: can cause (a lot of) erroneous error log entries in the SLIMS log files. These can fill up the SLIMS server disk space. These error entries do not show up in the Groovy logging console.

Fix: These erroneous log entries are no longer shown in the SLIMS log files.

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960019: Database: MS SQL columns have wrong data types.

Description: On 6.9, MS SQL columns storing date times have the wrong MS SQL data type datetime2 instead of datetimeoffset.

Fix: The columns now have the correct data type datetimeoffset

959184: Login: Frozen SLIMS login page on Chrome

Description: For SLIMS users using Chrome, the login page is frozen.

Fix: SLIMS login page no longer freezes on Chrome

957368: Simplified Protocol : Blocks are opened on experiment even when `Open blocks by default` is disabled on protocol

Description: Blocks are opened on experiment even when 'Open blocks by default' is disabled on protocol

Fix: Blocks are now collapsed by default

955865: Load-Balanced: Hazelcast: Cannot be setup correctly

Description: The following properties are not available: -Dslims.hazelcast.port -Dslims.hazelcast.members -Dslims.hazelcast.public.address

Fix: Load Balanced Hazelcast can now be set up correctly

954984: Reference data: Reference data type history shows nothing

Description: Reference Data Type History shows nothing

Fix: Reference Data Type History now always shows the correct data.

953709: ELN: when switching off the "Allow block to be removed" for a block, it can still be removed in an experiment in ELN

Description: ELN: when switching off the "Allow block to be removed" for a block, it can still be removed in an experiment in ELN

Fix: "Allow block to be removed" for a block is now working correctly

950862: Views: Same view appears multiple times unexpectedly in ELN

Description: Same view shows up multiple times unexpectedly

Fix: Same views can no longer be present multiple times

949263: Remote Daemon: Access token expires despite refresh preventing authentication after 12 hours

Description: After reinstalling the remote daemon post 6.9-installation, the service will startup and successfully get an access token on initial authorization. The logs indicate successful token refresh occurs every 30 seconds for the next 12 hours. At 12 hours, the logs switch to indicate failed heartbeats and a failure to refresh the token.

Fix: The token refreshes every 30s and now has to be manually reauthenticated once every year.

949053: Package browser: filter is not working

Description: The filter in the package browser is not working

Fix: The filter in the package browser is now working

947830: Orders: In some cases it is not possible to create orders

Description: Since the upgrade to 6.7.22, the fields of Order are not visible anymore in the form to create an Order, and this makes it impossible to create an order. This is only the case when 'allow only one content record per order' is activated.

Fix: It is now possible again to create orders.

947754: ELN: creating protocol run via simplified protocol can be super slow

Description: A simplified protocol with more than 10 blocks takes very long time (about 30 seconds) to load

Fix: A simplified protocol with more than 10 blocks now loads a lot faster

947718: Performance: Memory issues can appear when a lot of tests with custom fields are present

Description: The caching mechanism in SLIMS behaves badly when a lot of test with multiple custom fields are present.

Fix: The caching mechanism has been improved, having a positive impact on performance.

942229: Login : Users with expired password cannot login

Description: SLIMS does not load when login with a user having a expired password and does not display the change password window.

Fix: SLIMS loads and asks for password change when login in with an expired password

939500: ELN: Simplified protocol blocks aren't shown in ELN after migration

Description: Simplified protocol runs that have some removed blocks and some created ones during execution loose some blocks after migration from 6.6 to 6.9. Database records are present so no data is lost but it is not possible to find back old runs.

Fix: All blocks are now shown

939201: Users: Logged out users are never seen as such and cannot terminate session

Description: Logged out users still appear as logged in on the user module. These users are using concurrent licenses and preventing new logins.

Fix: Logged out users are now correctly taken into account.

935647: Installation manual : Tomcat start and shutdown mode is not mentionned

Description: If a windows server is rebooted, having startup mode of Tomcat service set to 'Automatic' is not enough to have a successful start up.

Fix: Mentions about startup and shutdown mode added to the install manual.

935179: Content: Forms have bad spacing for quantity and date fields

Description: Quantity and date fields are displayed with a bad spacing in content forms

Fix: The spacing is now correct

811781: Attachments: SLIMS consumes excess memory whenever it attempts to upload/preview a TIF image

Description: When trying to upload a 20MiB TIF image, SLIMS will consume excess memory and sometimes will run out of java heap space. The TIF image is successfully uploaded as an attachment but SLIMS will fail to render the image within the 'Attachments Preview' window.

Fix: Large images (>5000px in height or width) no longer generate previews.

811464: Grid templates: name display issue when adding root for selection type `Criteria' for report templates

Description: When adding a root for report template of selection type Criteria, the root is added correctly but the name is not visible.

Fix: The name is now visible.

810783: Authentication : SAML2 authentication does not redirect to the correct url

Description: When using ForgeRock IdP when trying to login using SAML redirection is made to the "identity provider" and not to the url where the user can enter their credentials

Fix: See 809167

810139: Macros : Content type restrictions for macro's are ignored in action blocks

Description: Action blocks in simplified protocols do not check content type restrictions when running a macro.

Fix: Macro cannot be run when an unauthorized content type is selected

809167: SAML: e-signature password is sometimes automatically filled

Description: When using SAML authentication on electronic signature steps, "Sign in with authentication provider" sometimes automatically fills the user password without requiring any user input.

Fix: It is now always required to enter username and password in case of SAML authentication on electronic signature steps.

809229: Roles : Basic (read-only) role does not have access to content event and CRF in content module

Description: User with role with Basic (Read-only) entitlement does not have access at all to the content event tabs.

Fix: Roles with a Basic (read-only) entitlement now have access to the following functionality access rights: Content events Stability studies Instruments Locations Reports Content types Providers Customers Sources Diseases Container types Analytes SOPs Printers Studies Study design Reference Data They can be activated but are not active by default. No migration of existing roles occurs.

809138: Sample Scheduler: Associating a blank content to a sequence links it to all non-samples rows

Description: Sample Scheduler: Associating a blank content to a sequence will cause it to be linked to all non-samples rows (calibration and QC)

Fix: Blank content (with an empty name) will no longer be automatically associated.

809046: Upgrade manual: Does not mention what to check in log to ensure upgrade completeness before starting SLIMSGATE

Description: The upgrade manual does not mention what to look for in the log to know that the upgrade is finished before starting SLIMSGATE.

Fix: The upgrade manual now mentions how to know when the SLIMS upgrade is finished before SLIMSGATE can be started.

808093: Installation manual : Does not clearly mention that upgrade should only be done to more recently released minor versions

Description: The SLIMS upgrade manual does not mention that it must be avoided to upgrade from a certain initial minor version A to a certain final minor version B when this final minor version B has been released at an earlier date than the initial minor version A. For instance, 6.7.20 released on 24 Apr 2023 should not be upgraded to 6.8.11 released on 04 Apr 2023 but only to 6.8.12 (released on 03 May 2023) or later.

Fix: The upgrade manual was adapted to reduce erroneous production upgrades in the future

808106: After migration to 6.9 the derive step is not working anymore when suffix does not contain a number

Description: After upgrading to 6.9, the derive step is not working anymore when the suffix does not contain a # (placeholder for a number): Error pops up that the suffix should contain #

Fix: Both derivation actions and macros with derivation steps now work without a # in the suffix mask

807936: Macro: Conditional field might appear in derived content when the condition is not met

Description: Macro: Conditional field might appear in derived content when the condition is not met. This happens when the condition is met in the original record.

Fix: The conditional fields in derived records are only shown when the condition is met in the derived record.

802665: A warning box without message can appear when saving a record with a multiple value dynamic choice field

Description: When saving a record with a field of datatype "dynamic choice" that allows multiple values, and where the display field has not been set, an empty error box appears.

Fix: An error message stating that you need to set the display field now appears.

801404: QC Orders: when versioning products: the request list disappears for linked content

Description: On linked content (QC orders), the list of requests that can be chosen disappears when a product gets versioned.

Fix: The list of requests is present

800481: Rules : Non working actions in response to rest-api changes

Description: When a SLIMS entity is modified via rest api, rules work for errors but do not work for sending emails, notifications and warnings or logging in a value expression evaluated on every save.

Fix: Notification, email and warning are fired by a rule when triggered by rest call.

800335: Performance: Versioning and creation of specifications can become too slow

Description: When creating a product with ~hundred specifications and some subproducts, versioning is very slow.

Fix: Performance has been improved significantly.

799657: Result: The "expression depends on" dropdown show UID instead of result value

Description: In the test module, under "configure result datatype", the "Expression depends on:" dropdown only shows unrecognizable field names (unique identifiers) instead of results.

Fix: The dropdown now shows the correct values

798644: Installation manual: Linux instructions in Windows version of the manual.

Description: In the Windows installation manuals, there is a 'Create file repository folder' section which is specific for Linux OS.

Fix: The specific instructions for Windows and Linux are now in the correct places in the manual.

797777: Groovy: Expression to add flags - content.results is null

Description: On a protocol step, when wanting to define a groovy to add flags the "insert" proposes to use "content.results" to have access to the results, but this ends to a Null Pointer Exception as content is null.

Fix: content.results now works

797660: Orders : Removing content with order content data from and order displays cryptic error message

Description: When trying to remove from an order a content that has order content data, the action cannot be completed, and a complex SQL related error message is displayed.

Fix: Order content products were not removed when a content was removed, fix ensure they are, preventing the SQL error.

796128: SLIMS Gate: flow execution can fail on MS SQL Server

Description: A SLIMS Gate flow cannot be executed if you add “too many” rows in a single transaction, because of an error related to an incoming request with too many (>2100) parameters.

Fix: The error no longer appears, as the transaction gets properly handled by SLIMS.

794100: Fields: Saving is very long when restricted to a category with a lot of content types

Description: Saving a field which is restricted to a content category having a lot of content types takes a very long time

Fix: Saving these fields is now a lot faster.

789566: Installation manual: HTTP configuration instructions for CLL/Apache on Windows needs clarifications

Description: When upgrading to 6.8 while keeping HTTP, the configuration instructions are not clear.

Fix: Added instructions for when customer wants to keep HTTP when upgrading to 6.8.

789104: Installation manual: R service doesnt work when installed on something else than the C drive

Description: Generating R-report does not work when R is installed in another drive than C:/ despite the installation on D:/ being possible.

Fix: Installation manual now contains instructions on how to configure R service when R is not installed on the C drive

781894: Status workflows: creation of new workflow shows all SLIMS statuses until refresh

Description: When a new status workflow is created and you directly go to its ‘Statuses’ tab, all available statuses are listed.

Fix: No status is available when navigating directly to the ‘Statuses’ tab, for a newly created status workflow.

779346: Views: Filter in the Default view can be saved

Description: It's possible to rename the default view and then save a filter in this renamed view. Renaming the view back to Default ends up with a filter saved in the default view

Fix: The name of the default view can no longer be saved. The filter in the view is empty.

774550: Sample Scheduler: It is impossible to reset associated samples

Description: In the "complete sequence" second step of sample scheduler integration there is no way to "unassociate" content from an injection line.

Fix: It is now possible to reset or unassociate individual lines or all changes prior to submitting to sample scheduler. The reset button and/or eraser icon can be used.

654204: Installation Manual: Centos MSSQL Manual has screenshots of Windows MSSQL GUI and steps

Description: Installation Manual: Centos MSSQL Manual has screenshots of Windows MSSQL GUI and steps

Fix: Correct instructions are now present

524512: Track usage: unit stored in versioned protocols is also updated to default unit

Description: Track usage: unit stored in versioned protocols is also updated to default unit when the default unit is changed.

Fix: The unit of a quantity field can not be changed if the quantity field has an amount somewhere in SLIMS

SLIMS 6.9.5

940971: Excel Export: Does not work on content views from master layout

Description: Having a master layout with some content views, trying to export one of this views of this master layout from a client layout fails with a multiple metatrees error.

Fix: Export completes successfully

940819: Grids: Grid is broken if you filter on mix count field

Description: Opening a grid with a filter on the mix count field is not possible anymore Instrument / Configuration / Setup

Fix: Error no longer pops up, grid is loaded correctly.

940135: Views : Not able to choose the condition for highlight

Description: The creation of highlights in views is not possible as the condition cannot be chosen.

Fix: Dropdown for conditional field is populated.

938599: Views : Impossible to create highlights

Description: The creation of highlights in views is not possible due to the fact that the dropdown to select the field for the condition is not populated.

Fix: Dropdown for conditional field is populated for simple and advanced highlight.

937627: Administration manual : Missing versioning section

Description: Versioning section is missing in the admin manual

Fix: Admin manual now contains the section on versioning.

936508: Upgrade : Fails on MS SQL Server due to index problem

Description: Upgrade fails due to liquibase issue, with the following reason in the log: The index 'pcgd_guid' is dependent on column 'pcgd_guid'.

Fix: Index was removed, column size updated and index was added again

936056: Administration manual : Support contact address is incorrect

Description: Support contact in manual is listed as support@genohm.com while it should be the Agilent Software Service Desk webpage: <https://servicedesk.li.agilent.com/support>

Fix: Support contact is updated in manual.

934436: Location details : out of memory crash with a lot of contents

Description: Having a location containing a huge number of contents will crash SLIMS with an out of memory error when trying to open the location detail tab of a content from this location.

Fix: SLIMS do not fetch content fields to display in the location detail grid if the location is too big or positionless

810979: Login : SAML IdP SSO URL not correctly transmitted to identity provider

Description: When trying to sign into SLIMS with SAML, instead of arriving at the IdP SSO URL that was configured in SLIMS, the user arrives at the page that says "Oops, this link is not working" as some part of the URL is ignored when clicking on the button

Fix: URL parameters are no longer stripped from SAML URLs

809136: Custom fields : ``Propagate changes derivation" option causes error when saving

Description: When a fixed choice (can be NA) custom field is defined with "propagate changes to derivation" and "use bulk propagation", editing it after a content was created and derived causes an error when saving.

Fix: It is now possible to save custom field with "propagate changes to derivation" option

808108: Rule : Updating a QC result show a server failure error popup

Description: It's not possible to update a record that has a warning from a QC type rule.

Fix: Removed loop in QC Card rule evaluation results removal

808041: After migration to 6.9 manual NGS indexing step throws an error

Description: After migration from 6.8 to 6.9, selecting plate index design during index allocation NGS step throws "Server returned FAILURE with no error message performing operation 'BarcodeAdapterTemplate_fetch'".

Fix: Default value for panl_barcodeAdapterSetsRestricted set to avoid defaultValueBoolean not applied on MS SQL Server.

806684: UTC : Value expression to copy a time field gives wrong value when using a copy order macro

Description: When copying an Order with a macro, and fetching a time field (like cntn_collectionTime) to return this time in another field, the value is not the same.

Fix: Value is kept.

806635: Slimsgate : slimsProxy.checkForInterruption does not work

Description: slimsProxy.checkForInterruption() does not work as expected, and a plugin bean is not interrupted when clicking on the Cancel button of the plugin user interface.

Fix: Cancel button now interrupts the plugin (if marked as "interruptable")

805921: Unique identifier : Reference Data unique identifiers for same name get stuck on _2

Description: When creating new reference data records with repeated names, the auto-generated unique identifier does not increase after the second reference data records with created with the same name, and remains to "_2" for all subsequent reference data records.

This results in duplicate unique identifiers after making 2 reference data records with the same name.

Fix: Fixed escaping issues in SQL like clauses on MSSQL that were preventing the increase of the unique id counter

804436: iLab Store Package : included rule for sending order completion takes 2 saves to fire

Description: The rule that comes with the Standard iLab store package to trigger the order completion flow does not work on initial update of the Order iLab status if the order status is already completed or changing to completed during the same save action.

Fix: Groovy updated in package for migration to 6.9

802678: ELN : Action buttons not visible but clickable

Description: User don't having update rights in a certain group and being inside a run from this group, can still click on the hidden "flag" button.

Fix: Click event disabled when update is not allowed

800771: Orders : Content receive action timeout

Description: When receiving content on a large amount of records, slims becomes unresponsive until the transaction is finished, and a timeout message appears (while transaction is still ongoing).

Fix: A progress bar is displayed

800451: Simplified ELN : Report Templates field is visible in default Experiment Step forms

Description: The Report Templates field (specific for simplified Action steps) is visible in all Default Experiment Step types.

Fix: "Report Template" is not visible in default protocol

800305: Installation manual : No instructions for updating certificates in Windows

Description: HTTPS certificate updating is described in the Linux manuals at "2.3.1.4. Updating certificates" for the 6.9.2 version, but not in Windows manuals.

Fix: Instructions for updating certificates in Windows added.

800245: Order : Missing options via right click on results

Description: Cancel, reject and revert result actions are only available when selecting a result and not via right-clicking on them.

Fix: Revert, cancel and reject actions are displayed among the actions available with right-clicking.

798291: Products and specifications : Creating a multiple dynamic choice to analytes on the rule table crashes the module

Description: After creating a field on the table rule with dynamic choice to the table analytes and multiple values enabled, displaying the products and specifications module crashes with a "Product_fetchManyToMany" server failure error.

Fix: Error does not occur anymore

798279: Attachment : not possible to delete in Slims an attachment whose file does not exist anymore.

Description: It is not possible to delete an attachment record from Slims if the related file (in /repo/....) does not exist anymore.

Fix: Attachment can be deleted and a message is logged server side to mention that SLIMS could not determine whether attachment existed in the repository.

797559: Performance: Location detail view too slow

Description: Dragging and dropping content in a location is very slow

Fix: Location detail grid is recreated whenever it needs to be redraw

795897: Macros : output of macro is too broad when using action block

Description: When using action block for macro, the output definition is too broad so that unwanted content gets outputted.

Fix: Macro only gives output from one macro step configured with the new option "output content to block"

795771: Excel import : Import of results using a specific import key doesn't work

Description: When using an advanced import, setting a unique identifier as the key which should be used for the import makes the import to fail.

Fix: Import does not fail when using unique identifier as import key

795022: Orders : Remarks cannot be recorded

Description: It is no longer possible add a remark to an order result.

Fix: Remark can be added to order result

794765: Analytes : Not mentioned in workflow chain of custody.

Description: When looking at workflow chain of custody in analytical workflow where results were added for test that requires an analyte, analyte on result are not mentioned.

Fix: Analyte (and also aggregation method which was missing) are displayed.

794761: Simplified ELN: Result block view does not allow highlights

Description: There is no highlight tab in the result block for simplified protocols.

Fix: "Edit highlighting" tab appears in Edit View panel.

793453: SLIMS Share: status workflows not importable

Description: When migrating status workflows from an instance to another, the import fails with a "Optional.get() cannot be called on an absent value" error

Fix: Status workflows can be imported

791740: Workflow : "Reason for change" appears in all windows when user is logged multiple time

Description: When a user is logged simultaneously on 2 different browsers, displaying the "Reason for change" window when versioning a workflow will show this window in all browsers

Fix: Window only pops on the correct browser.

791025: Results : fixed choice value cannot be set

Description: Result value is not saved when its data type is a fixed choice allowed to be NA

Fix: When selected from the dropdown list the result value is saved.

787163: Installation manual : slims-r jar file has an incorrect name

Description: slims-r.jar filename generated with upgrade script does not match the file name specified in slims-r.xml. The kit should contain a file called slims-r.jar and not slims-r-jar

Fix: Kit script updated with correct filename

785259: Fields: Time from a Time field shifts on Experiment Run Step

Description: When filling in a time field on an experiment run step, the time shifts depending on the timezone of the user.

Fix: Time is now correctly saved and disregards timezone

783835: NGS : DNA libraries fetch is based on deprecated cntn_status for sample sheet generation

Description: When generating the sample sheet, the DNA Libraries are fetched based on the value of their cntn_status which is now deprecated and not necessarily matching the cntn_fk_status

Fix: SLIMS now uses the cntn_fk_status instead of cntn_status

781568: SlimsShare: Migration of fields with same UID but not same GUID is not possible

Description: When importing a package from another instance (so having different GUIDs) that contains an item with the same UID as an already existing one (for instance cntp_blood), it is not possible to remap the imported item to the existing one.

Fix: No error when performing a remap at import.

759815: Admin manual does not mention that experiment are not imported with the import action of the ELN

Description: The admin manual does not mention that the “Import” list action in the ELN module only allows import of projects and not experiments

Fix: The SLIMS 6.9 manual now mentions that the actions in the ELN module are used to export and create and/or update projects (not experiments).

SLIMS 6.9.4

948938: Macros: field in macro step sometimes disappears

Description: Quantity fields may not appear in macro

948753: Protocol : Read-only fields don't appear on form blocks

Description: If a Protocol Run Step Content field is set to “read-only” and added to a Form block, running the protocol does not show the field.

802151: Orders : Order content data cannot be opened anymore

Description: Content data section of content details of an order does not show fields when being hidden/shown

Fix: Values of the custom field on Order content are saved and are displayed correctly after a SLIMS refresh

798436: Views : Cannot load a view that filters on a flat checkbox field

Description: A view cannot be opened anymore because it contains a filter on a flattened field having a checkbox equals false.

Fix: SQL Server related issue. View can now be opened

795408: Slims Store : Standard iLab plugin cannot handle ``on" as value in required property

Description: When fetching form information, the plugin will sometimes fail to import if a field in a requests' form is marked "required" with a required property defined as "on/off" instead of "true/false".

Fix: Required property removed from imported data in ilab.

793379: Workflows: not possible to create analytical method measuring a test requiring an analyte

Description: Having a test that requires an analyte, creating in an analytical workflow an analytical method that measures this test fails with a "Data too long" exception.

Fix: Data space was extended to avoid error

792804: SLIMS REST: @RestRestricted doesn't apply for DELETE/PUT/POST

Description: SLIMS REST: @RestRestricted doesn't apply for DELETE/PUT/POST

Fix: SLIMS REST: @RestRestricted now also applies for DELETE/PUT/POST

791684: Installation manual : Windows version of the manual contains some linux commands

Description: Section "3.2.2.3.3. Migrate to SLIMS GATE base" for Windows contains some linux commands.

Fix: Replaced linux commands by windows ones.

790160: Workflow : Manually created analyte results get associated to wrong request

Description: When creating manual results in an analytical workflow involving product specifications on analytes, the specification does not correctly apply to the analytes, and some results that should be verified fail on a rule of a different analyte

Fix: Specifications correctly match analytes

790221: SLIMS Share : Import fails when reusing field ``expiry date``.

Description: When trying to import slimsshare package containing same field name (and datatype) "expiry date" and using reuse functionality, it does not work

Fix: Synonym is created and import success.

790031: Attachments : Files bigger than 2GB fails to attach or get corrupted

Description: Attaching a file bigger than 2GB results in an attachment error or in an apparent success, but the file stored is corrupted and actually smaller than the original one.

Fix: File size is now correctly handled

788976: Installation manual : Windows Mysql/mariaDB references linux related file

Description: The Verify database configuration settings section of the manual mentions /etc/my.cnf while this file is only present on linux installations. (it is my.ini file on Windows systems)

Fix: Windows MariaDB and MySQL manuals updated with my.ini reference and path instead of my.cnf

786531: Fields : Custom fields in result details disappear when view is updated

Description: Custom fields on the result table that are filtered by result (for example a result detail in a workflow result step) disappear when the view is updated (for example when removing a column).

Fix: Fields don't disappear when view is updated

786242: Workflow management : Grid template block within a simplified protocol is not versioned when the workflow is versioned

Description: When using the "Version workflow" button on a simplified protocol that contains a grid template, the grid template is not versioned.

Fix: Version button is now enabled on grid template changes.

784580: Views : Flat fields do not work within query scripts for Views

Description: When creating or editing a view, it is not possible to filter on custom flat fields within the query box.

Fix: SLIMS can filter on custom flat fields within the query box.

784475: SLIMS Store : Mettler Balance Integration: Connection error is not descriptive

Description: The plugin included in the Mettler Balance Integration store package does not give a descriptive error when the connection with the balance fails.

Fix: The message that is included by the exception is now also printed.

784108: Installation manual : Missing parameter changes description in JasperReportService

Description: 6.9 Upgrade manual has a section about the JasperReportService for Plugin upgrades but it does not specify that in comparison to ReportService no Optionals can be provided anymore in the methods. Instead, SlimsCriterion can be null and for recordPKs and empty Set can be provided

Fix: Updated ReportService changed to include changes in method signatures of JasperReportService

783740: Grids : Missing magnifying glass icon

Description: There is no magnifying glass icon to open the detail of a record

Fix: Magnifying glass icon is now displayed.

783287: Plugins : Reset values of plugin dependencies button throws IllegalStateException error

Description: When running a plugin with rule dependencies set, these cannot be reset due to a non-human readable error being thrown.

Fix: Action of the "Reset values of plugin dependencies" button completes successfully

783107: Groovy : log.info(result) does not work

Description: Using log.info(result) in the script of a specification type throws an error message in the groovy console.

Fix: Result map is logged.

781339: Grid templates: Quantity fields are replaced by the original content field.

Description: When opening the filter on a grid template metatree element, the quantity fields are not loaded correctly but are replaced by another field (and value get replaced as well)

Fix: Criteria fields of the filter are loaded correctly

780739: Rules : Setting up a view on active specifications does not work in Products & Specifications

Description: When creating a view that filters on only active specifications, the view does not actually filter.

Fix: Specification grid is now filterable on active.

779041: Electronic signature : case-sensitivity in http request

Description: When using SAML SSO, SLIMS expects a lower case registration ID when using electronic signature with authentication provider Case mismatch raises an error 500

Fix: registration ID is no longer changed to lower case

776245: Electronic signature : Usage Expression throws error when status of linked reagent requires signature for updates/edits

Description: During a Link Reagent step in a protocol, if a default usage is configured to subtract from the reagent's amount field and that reagent's status is also configured to require an E-Signature for any edits, SLIMS will throw an "id to load is required for loading" error whenever an attempt to add usage is made.

Fix: No more error is thrown

776033: Excel import: Cancellation takes a very long time

Description: During a big import of contents, clicking the cancel button takes a very long time to actually cancel the import (on a 10 000 samples import it can be one hour)

Refresh or opening a new tab does not stop the background import cancellation process and SLIMS can be slowed down until the process ends.

Fix: Cancel button stops import immediately.

774548: Simplified ELN : Readonly custom fields are not shown in form block

Description: Custom fields on experiment run step that have the option "readonly" true are not shown when used in form block.

Fix: Custom field are displayed as readonly

772101: Administration manual : Role restriction on content type needs clarification about content type visibility.

Description: Content types are not visible in the grids module for the roles who are not allowed to create content for this type. But the description of the "Only for selected roles" option in the administration manual is not clear about this: The content type (and not only contents of this content type) will not be accessible outside of the content type module by roles that don't have access to it.

Fix: Manual is updated to mention that restricted roles will be able to access it in the content type module only

767521: Administration manual : Lacks documentation about using password with non alphanumeric characters in emails

Description: The manual does not document how to use a password containing a special character (such as "+")

Fix: Manual updated to mention that password must be set by calling the RAW() function to prevent issues with special characters.

767055: Orders : Clicking on the action menu of an order does not update order related panels

Description: Selecting an order action menu and performing any of the actions proposed does not actually selected the order, causing the different panels (contents list, order details) to remain unchanged and display data from a previously selected order.

Fix: Other panel are updated

766862: Admin manual : Changed behaviour of join queues is not described

Description: Starting from 6.7 there was a change in behaviour of join aggregator queues of any type of workflow (analytical and non-analytical). Before 6.7 requests were joined across orders, since 6.7 requests are only joined for the same orders. This is not described in the admin manual

Fix: Admin manual description if Join aggregator updated.

766035: Development manual: Missing multiplicity parameter description

Description: The dev manual doesn't explain anything on how to use multiplicity.

Fix: Multiplicity is explained on page 27 (page 33 of the PDF).

763586: Logs : SLIMS log files a retained longer than 30 days

Description: SLIMS log files are never deleted, while the log files older than 30 days should be deleted.

Fix: Logs are now correctly deleted.

761060: Singled order content : Fields restricted on content type are irrelevant in export

Description: Having "Allow only one content record per order" enabled, restricted content type fields are not in the export, even if they are restricted to the exported content types.

Fix: Restricted content type fields are in the export,

759622: Workflow : Imported workflow cannot be versioned due to analytical methods with non-calculated test routes

Description: When importing a analytical workflow from slimsshare with methods that have a manual selection of tests, the analytical method prevents versioning of the workflow.

Fix: Imported workflows can be versioned.

759126: Excel import : Database crashes during excel imports for location updates

Description: Importing an excel file with a lot of locations can lead to a huge database transaction and crash the database.

Fix: Import per table can be restricted with the `-Dslims.maximumimportsize.` setting and `lctn_left` and `lctn_right` updates can be deferred with `-Dslims.excel.location.deferindexupdates` option.

747472: SLIMS Share : Empty Offending path exception when versioning a imported workflow

Description: When versioning a workflow after import, an error is displayed "There are paths for requestable Element analyse where test TOC is never executed. Offending paths:"

Fix: Imported workflows can be versioned.

668529: Localization: Some strings related to Order and Label in History are non-localized

Description: Some strings related to Order and Label in History are non-localized

Fix: String are correctly localized.

665647: SLIMS REST API: documentation on how to use authentication is insufficient

Description: SLIMS REST API: documentation on how to use authentication is insufficient

Fix: REST API Authentication documentation was enhanced.

653158: Manuals: The supported Jasper Version(s) are not mentioned in the administration or development manual

Description: Manuals: The supported Jasper Version(s) are not mentioned in the administration or development manual

Fix: Manual redirects to Technical Requirements to know which versions are supported.

532038: Localization: The Chinese characters of field ``usage" are too wide to fit on 1 line

Description: Localization: The Chinese characters of field "usage" are too wide to fit on 1 line

Fix: Characters now fit on one line.

SLIMS 6.9.3

791751: Macro : Execution fails with ``no error message"

Description: When executing a macro step on orders, a null pointer exception can occur and server returns a ? Server returned FAILURE with no error message performing operation 'custom'. ? error message.

Fix: Code made robust to cope with empty order content that is causing an exception.

786342: Specifications : Rule with match specification does not work with non-numeric data type

Description: When a product specification must match a non-numeric value (e.g "Pass") the rule evaluation fails even if the value (Pass) match the rule and the error message states that the value is expected, for instance ? Expected values: ["Pass"] ?

Fix: Value is save correctly and rule evaluation now succeed.

778044: Status workflow : Default status transitions can be deactivated from the grid

Description: Some default status transition (in Default Order or Defaut Stability Study Template Publication Status Workflows for instance) can be deactivated from the grid while the "active" switch is greyed in the form

Fix: Editing of status workflow from the grid is disabled.

774653: REST API : Unable to create a mix

Description: When using the rest api endpoint: /rest/actions/content/mix , a NoActiveUserFoundException error is raised

Fix: Mix can be created.

773936: Workflow : xsts_fk_groupingAnalyte: Field is required

Description: A warning message "xsts_fk_groupingAnalyte: Field is required" always pops up when linking test to ELN result step, preventing from saving and versioning.

Fix: A Grouping Analyte is required only when Test requires an Analyte.

773554: Plugins : SLIMS does not apply camel-context policy to proactively publish route metrics from plugins

Description: SLIMS does not proactively publish metrics from plugin routes : any metrics must be packaged into the individual plugins' camel-contexts.

Fix: Micrometer policy and heartbeat route added to all plugins.

773006: Printers: Not all columns can be selected when exporting printer jobs

Description: When exporting printer jobs to Excel some columns such as "Content" cannot be selected

Fix: All columns are selectable for export.

772061: Notifications : Cause the window to unfocus and slow down the UI

Description: When SLIMS receives a notification, the UI is redrawn and focus is lost. Being in a form when this happens causes form to jump to the top.

When a lot of notification are sent, the UI gets slower and slower.

Fix: Removed prompt from request updating notifications Added check on SlimsPanel visibility as well to decide whether to refresh the notifications grid

770202: Rich text editor: Cannot change the start value of a numbered list

Description: When interrupting a numbered list in the rich editor, it is not possible to start another numbered list at any other number than one.

Fix: Start value of a numbered list can be changed

767595: Workflow : In a queue grid, selection checkboxes remain fixed when a sort is applied

Description: In a workflow queue, if you check off a row, then apply a sort to one of the columns, the rows you checked off will remain checked off, even though there are now different content represented by that row.

Fix: Selection is now reset when sort is applied/modified

766939: Workflow : Run with content and derivates gives unsupported scenario error

Description: A content with its derivates are linked to an order with a request (from request module, no product and spec involved) and an analytical method. When the contents are sent to the analytical workflow and a protocol run is started with all contents, an "unsupported scenario error: Found multiple requests" is displayed.

Fix: No Error is raised

766220: Results : long-running transactions can lead to duplicate Unique Identifiers

Description: When doing result uploads, which can take 5-10 minutes, sometimes the upload will fail with a SQL constraint error referencing violation of the uniqueness of the result_uniquelIdentifier field.

Fix: SLIMS does not re-use UID's

764385: Installation manual : no explanation on how to take a MS SQL database backup

Description: The MS SQL manual tells to take a database backup, but there are no information on how to do it.

Fix: Installation manual updated with MS SQL database backup procedure.

762935: Reference data: Attachment column shows ``null" in reference data record list

Description: The list of reference data records with an attachment does not show the correct attachment URL in the attachment column but shows "null" instead

Fix: Prevents any "file" column to be used as a display or sort column.

761110: Forms : Poor performance with lots of fields

Description: A form with lots of fields (N/A, quantity, date,...) on content can take up to 20 seconds to display when opening the detail of a content

Fix: Opening details of a content don't slow down SLIMS.

759121: Groovy : Returning a quantity with simultaneousChanges fails upon creation

Description: When using simultaneousChanges in a groovy with a quantity object, the simultaneous change fails during creation of the record.

Fix: Quantities can be returned in simultaneousChanges upon record creation.

759097: Attachments : opening attachment grid raises an exception

Description: When opening or initializing an attachment grid an IllegalStateException is thrown because of a duplicate "attm_currentlyLinked" field.

Fix: No exception occurs.

757727: Views : Advanced Highlight: ``is one of" does not allow user to select multiple values

Description: When creating an advanced highlight, the user is able to select the "is one of" filter for some fields, but is not actually able to select multiple values

Fix: Checkboxes for multiple values selections are displayed and user is able to select multiple values from the list.

757514: Macros : Skippable steps not selectable as input for other steps

Description: Skippable macro steps cannot be selected as 'Output from step as input' in other macro steps.

Fix: Skippable steps can be selected.

754453: Products: View fails to display when using sorting on several dynamic choice fields

Description: When a view on products contains more than one sorting level that uses a dynamic choice field, an error message is displayed and the list of products remains empty.

Fix: Sorting on multiple dynamic choice custom fields is now correctly handled.

749114: Products: Importing/Exporting of products with large number of specifications can throw a connection error.

Description: When importing or exporting products with large numbers of specifications the time it takes can result into the errors/warnings regarding connection loss with SLIMSShare or the browser just stating that something went wrong.

Fix: The browser no longer crashes.

746110: Grid templates: meta tree filtering provides useless query language box

Description: When creating a grid template a useless query box for filtering is displayed on the meta tree branch.

Fix: Gridtemplate filter options no longer includes query box.

743667: Specification request in a requestable group does not show after versioning

Description: Having a product with a specification, and a requestable group containing this specification, the "add requests" option of a QC Order containing content with this product should show the requestable for the specification. But after versioning the product, the requestable for the specification does not show up.

Fix: After versioning, only the new version of the specification is in the requestable group.

719801: Performance : Navigation in reference data module get slower and slower overtime

Description: When you are navigating in the Reference Data module, moving from one reference data type to another one (and do this for all the ref data types you have) makes SLIMS becoming slower and slower.

Fix: see 761110

673030: Agilent Hosted Onboarding Manual: documentation on SLIMS GATE Remote required reauthentication is not sufficient

Description: Agilent Hosted Onboarding Manual: documentation on SLIMS GATE Remote required reauthentication is not sufficient

Fix: Note added in manual for the need of reauthentication upon machine restart.

SLIMS 6.9.2

782463: SLIMS REST : LDAP login does not work

Description: Login with an LDAP account using the REST API does not work

Fix: Rest calls with LDAP user works.

771187: Products: In some cases the Products dropdown list cannot be opened if you have more than 2100 products

Description: Products: The Products dropdown list cannot be opened if you have more than 2100 products, and SLIMS uses a MSSQL database.

Fix: Products: The Products dropdown list can now be opened if you have more than 2100 products

769986: Status workflow: Some active status transitions are read only

Description: In the default order status workflow and default result status workflow, some active transition appears as read only and cannot be edited

Fix: All status transitions that need to be editable are now editable.

767211: License: Intermittent 'License is Invalid' Errors can be shown.

Description: Sometimes the SLIMS License becomes invalid due to a hazelcast cache issue.

Fix: The error is no longer present.

765992: Simplified ELN : Link content block cannot enable "Can execute slimsgate flows" option

Description: On link content blocks there is a checkbox to be able to execute slimsgate flows on a selection in that block. This check box cannot be set to true, it jumps back, and no flows can be added.

Fix: Checkbox "can execute SLIMGate flow" can be checked.

764946: Administration manual: track usage in Link Reagent step is not clear

Description: Manual mentions that: Reagents have usage options that are different from the "Track Usage" and "Content Types for Usage" options that exist on other types of steps. When this option is enabled, usage options for both reagents and input content can be specified

But then it is only mentioned Reagent content types, and not "Input Content type" which can be misleading, as the "Reagent content types" field (dropdown list with options on each entry) should be used for both reagents and input contents.

Fix: Manual was updated

764603: SLIMS Share: Importing a new version of a workflow package can lead to not being able to version

Description: Importing a workflow of a specific package version and then later importing a newer package version can lead to a duplicate key error when versioning the workflow

Fix: It is now possible to import a newer version. The error is no longer displayed.

764076: Upgrades: It is sometimes impossible to upgrade to 6.8 from 6.7

Description: Upgrades: It is sometimes impossible to upgrade to 6.8 from 6.7. An error about fields with duplicated names is shown.

Fix: The upgrade to 6.8 now works as intended in this case.

763226: Protocols: Disabling track usage still decrement volume

Description: When a content type is defined as track usage with a default value for a protocol step, disabling the track usage in a newer version of the protocol does not disable the decrease of the volume at each run.

Fix: Usage is now working correctly

762200: Performance: Displaying orders with lots of contents takes long

Description: When an order has a lot of content linked (several thousands), selecting the order in the order module takes a long time.

Fix: Performance for this use case has been significantly improved

761493: Groovy : Simplified groovies do not work in Email Templates

Description: Simplified groovies do not work as 'global' does not exist in EmailTemplate Service.

Fix: Email templates can be sent which contain Simple Groovy global() function

761268: Plugins: Memory leak in plugin logging

Description: Some plugin logging configurations can cause a memory leak.

Fix: The memory leak is no longer present.

759920: SLIMS Rest: Unable to fill in Calibration date for instrument

Description: When creating a new instrument via REST API, setting a calibration expiry date (nstr_calibrationExpiryDate field) fails with a ClassCastException (class java.lang.String cannot be cast to class java.util.Date)

Fix: Adding calibration expiry date via Rest API works

759803: Products: A transport error appears when versioning a lot of products

Description: When versioning a root product with a lot (~ 90) of child products (~15-20 specifications per product), an HTTP "Transport error" pops up after some time. No error is present in the slims.log file.

Fix: The transport no longer appears and versioning of products works as intended.

757838: SLIMS Share: custom field restriction on protocol run and protocol run step are not exported with the package

Description: When some fields on protocol run or protocol run steps have restrictions on specific protocol or protocol steps, the state of the checkbox is exported but the list of protocols or protocol steps is not exported, making the workflow not complete as expected.

Fix: The list of protocol (run step)s is now also exported.

756323: Installation manual: CLL section does not mention installation on a http proxy

Description: The SLIMS 6.8 Installation / Upgrade Manual mentions how to install the Common Licensing Layer (CLL) on a HTTPS proxy, but not on a HTTP proxy.

Fix: CLL section now mentions installation on a http proxy

756306: Orders: Results are not appearing in Orders Module

Description: After completing a workflow, results are not showing in the Orders module neither in the "results overview" tab of the order, nor in the "results" tab of a selected content.

Fix: The results are now shown in the Orders and Content module.

755151: Performance: SLIMS allows to fetch all content at once.

Description: It is possible to fetch all contents at once (using groovy, slimsgate flow or because of a bug) causing a possible out of memory issue on the server.

Fix: It is no longer possible to fetch all content at once. This can be overridden by setting `Drepositary.content.fetchall.disallow`.

755148: Attachments: SLIMS allows startup with missing file repository

Description: SLIMS does not prevent startup when file repository is missing, which can mask a possible data lost.

Fix: SLIMS doesn't start when the file repo is missing. This can be suppressed with `-Dslims.allowemptyrepository=true`. The option is documented in the installation manual.

754516: Specifications: Filtering on checkboxes is not working

Description: Filtering on the checkboxes for active, propagated and inherited is not working.

Fix: Filtering is now working

751217: Slimsgate: slimsgate.xml can break content module

Description: When creating a plugin with a corrupted slimsgate.xml code designed for contentmanagement usage, this plugin can make the content module not accessible anymore.

Fix: When having a plugin without steps (or with another required element missing), an error will be visible in the SLIMS Gate log (but not in the Plugin log). The plugin itself still starts (For example Quartz routes will run) but the SLIMS Gate won't be loaded, and won't cause any modules to not load anymore.

750660: Fields: Inconsistent sorting of fixed choices list of possible values

Description: The sorting of possible values for a fixed choice field is different depending on whether the field's checkbox "Multiple values" is set to true or false.

Fix: The choices are now always shown in the order they have been defined in (in the fields module).

749582: Excel import: A missing required field stops the import process causing the Excel file with all errors listed to be not correctly filled

Description: During an Excel import in Content module, the import can fail after which an Excel file with all the errors listed can be downloaded. When the import fails because a required field is not filled in (at e.g. row 10), the import stops and the generated Excel file showing the errors only shows the feedback up to that row (10). No feedback for subsequent rows (>10) is shown.

Fix: The import now continues and goes through the complete excel file and subsequently shows all errors in

the error file.

749566: Custom fields: field on Location, Location type and Instrument can be flattened

Description: It is possible to flatten a custom field on Location, Location type and Instrument. This should not be possible.

Fix: It is not allowed to flatten fields on Location and Instrument. It is documented that it's not allowed. If fields are already flat on Location or Instrument, they can still be saved.

743844: Custom fields: Restricted fields can be created on tables that do not allow restrictions

Description: When creating a new custom field on a table that allow restrictions, one can check "only applicable to certain content types", for instance. Changing the table to one that does not support restrictions before saving will still save the field with the restrictions set, causing a exception when trying to display the field.

Fix: Field is created as an unrestricted field when table is changed to one that does not allow restrictions

743625: ELN : When deleting an experiment from the ELN, the protocols steps are not immediately removed from UI

Description: When a experiment is deleted from the ELN tree, the steps panel is not refreshed and still displays the blocks of the deleted experiment.

Fix: Blocks from the deleted are removed from the UI.

738621: Content module: The Studies tab does not show fields of the Studies module.

Description: In SLIMS 6.8, fields in the view of the studies tab in content management only show ContentStudy fields, while in previous versions of SLIMS, both Study and ContentStudy were shown.

Fix: Study field is shown in list of available columns when editing a view in the Studies tab of a Content.

737736: SLIMS Share: versioned grid templates block are shown in the main entities list

Description: When a grid template of type block is linked to a simplified protocol which is then versioned, all "versions" of the grid template appear in the SLIMS Share module

Fix: Only the "draft" / strain is shown

737381: Sample Scheduler: Switching OLSSservers causes authentication issues

Description: An error 'Invalid token' is displayed when trying to synchronize instruments after changing OLSS server to another one.

Fix: Instruments can be synchronized.

730406: Grid Templates: link columns (protocol run, protocol run step...) can have the wrong column name

Description: Grid Templates: link columns (protocol run, protocol run step...) can have the wrong column name. The default name is always used.

Fix: Link columns now have the correct name, the one defined in the grid template.

692571: Text field : an error appears upon saving when certain specific text has been typed in

Description: When the text field content reached the maximum number of allowed characters (255), using specials characters may cause the save to fail.

Fix: Lower clob limit to prevent db errors

657216: SLIMS installation manual: Prometheus documentation is insufficient

Description: SLIMS installation manual: Prometheus documentation is insufficient

Fix: SLIMS installation manual: Prometheus documentation has been extended.

654689: Installation manual: section ``Prometheus Integration with SLIMS REST" is incomplete

Description: Installation manual: section "Prometheus Integration with SLIMS REST" is incomplete

Fix: The "Prometheus Integration with SLIMS REST" section has been expanded.

527196: Macros: Execution of a macro derive step: No evaluation happens to check if the suffix mask field contains

Description: Macros: Execution of a macro derive step: No evaluation happens to check if the suffix mask field contains #. Derived samples however get a trailing number, even if no # is present in the suffix mask.

Fix: Check for # in suffix mask is always performed

SLIMS 6.9.1

768563: Orders: Scheduling a QC order results in a NullPointerException

Description: After migrating from 6.8 to 6.9, scheduling a QC order may result in a null pointer exception

Fix: Scheduling a QC order no longer results in a null pointer exception

760417: Workflow management: Concurrent change error when adding a new protocol before an existing node in the workflow.

Description: In a workflow, when a protocol already exists between queues B and C, adding a new protocol upstream in the flow (from a new queue A to the existing queue B) raises concurrent change error. If added downstream, there is no error.

Fix: There is no error anymore.

759517: SLIMS Store: in standard-ilab plugin "assigned to" is a String instead of a list of Strings

Description: The ilab api has a defect that causes the "assigned to" field to show as a string instead of a list of strings

Fix: The "assigned to" field is now shown as a list of strings

757450: SLIMS Store: ilab plugin cannot import multiple values from reference data

Description: standard ilab plugin import in SLIMS fails with errorReferencedRecordNotFound error when form checkboxes are filled with multiple values from reference data.

Fix: The error no longer occurs.

757445: SLIMS Store: datetime from ilab form field is not imported for SLIMS orders

Description: When importing data from a form field of ilab, the datetime cannot be imported on an order field.

Fix: Datetime from ilab form field is now imported for SLIMS orders

755685: Installation manual: There is a typo in the manual.

Description: The SLIMS Installation / Upgrade Manual wrongly states that premium licenses require the premium functionalities to be disabled.

Fix: The mistake has been corrected

755704: Fields: date difference does not work on flattened fields

Description: Once you flatten a date time field, other fields from type date difference do not work anymore if they depend on that field.

Fix: Date difference fields now work on flattened fields

752329: SLIMS Development manual: Broken URL to slimsgate-start-example plugin and some minor mistakes in code examples.

Description: SLIMS Development manual: There is a broken URL to slimsgate-start-example plugin. Some other minor mistakes are present in the coding examples.

Fix: The broken URL and other mistakes have been corrected.

750736: Incorrect filtering when using the affectedBy restriction in groovy

Description: When a groovy performs a fetch using the “affectedBy” restriction to filter data, the data may not be filtered in some cases.

Fix: The data is now filtered correctly in these cases

750314: OpenID Connect: Login with OpenID account does not work if you have an LDAP account with similar username

Description: Having an OpenID external ID similar to a LDAP user name breaks the OpenID login.

Fix: OpenID login now works as intended

750222: Content: once in an inactive location, a content cannot be modified

Description: If a content sees its location set to inactive, no modification will be done to it, but it is no longer possible to edit the content.

Fix: Content in an inactive location can now be modified

750094: SLIMS Installation manual: SLIMS Gate Upgrade section is not up to date

Description: SLIMS Installation manual: SLIMS Gate Upgrade section is not up to date to the 6.8 API changes

Fix: The upgrade section is now up to date

749336: Installation manual: CLL configuration section requires update

Description: The CLL configuration of the installation manual misses the location of the file that needs to be updated. The update instructions needs clarification about what to do when a section or a “ProxyPass /

http://localhost:8080/slims" entry already exists in the file Instructions do not mention that httpd needs to be restarted once the file update is done

Fix: The cLL configuration section has been updated.

749334: SLIMS Share: Attachment is not created in repo when imported

Description: When importing a package from slimsshare which contains attachments (e.g. a report template), the attachments are not actually created in the repository.

Fix: SLIMS Share: Attachment is now correctly created in repo when imported

748776: Label template: It is not possible to print elements/fields that have role restriction

Description: Printing a label containing fields with role restrictions fails and nothing is printed at all.

Fix: Printed labels now also contain the role restricted fields

747958: ELN: Required field restricted on simplified protocol does only appear after first selecting another protocol during simplified experiment creation

Description: When a mandatory field is restricted to show only for a protocol that have the "Use sign off step" option enabled, it will not show in the UI when creating a new protocol.

Fix: The required "To be signed off by" field is directly visible upon the first (automatic) selection of the "Experiment template 1" protocol (in the "Add Experiment" pop-up window) on which this field is restricted.

744223: Database: MariaDB over SSL does not work

Description: SSL for MariaDB is not correctly supported

Fix: SSL for MariaDB is now correctly supported (mariadb-java-connector has been updated from 2.1 to 2.7)

744165: Slims GATE: feedback type parameter does not work anymore when feedback contains HTML

Description: A slimsgate flow that usually displays a feedback during the second step of the flow does not show the feedback anymore when it involves html formatting.

Fix: The html text needs to be encapsulated into a CDATA section. This is now mentioned in the manual.

744144: Manuals: Some manuals still refer to 6.8 instead of 6.9

Description: SLIMS 6.9 Agilent hosted onboarding and development manual titles still refer to 6.8 instead of 6.9

Fix: Manuals now correctly refer to 6.9 and not 6.8

743214: Installation manuals: typos are present in the manual

Description: For MSSQL - Windows manual: The path to the Environment Variables setting panel is not up to date to latest windows versions. The connector definition contains an extra double quote, showing protocol="HTTP/1.1" instead of protocol="HTTP/1.1"

For MariaDB - Linux manual: The warning paragraph about files to be copied contains twice the word "the" in following sentence: "Also copy the SLIMS REST war files if the the REST API or the Python API is needed"

Fix: Typos have been corrected

743200: Installation manual: Command in MariaDB installation section does not work

Description: The command `mysql_secure_installation`, mentioned in section "2.2.3.2. Installing the MariaDB database" of the SLIMS 6.8 / 6.9 Installation Manual, does not work.

Fix: The installation procedure has been updated.

742928: Slims store: iLab plugin throws an exception if there are no service requests with a target status in the target instance

Description: If there are no orders in the target iLab core with one of the targeted statuses, the following line throws a null pointer exceptoin:

```
ilabApiSession.getIlabGetter().getAllServiceRequestsByStatusFromCore(requestStatusesToImport).stream()
```

Fix: The error is no longer displayed

742772: Product: Expected value disappears for match specification with operator "is one of"

Description: When creating a product using the match specification "is one of", the possible value of the test selected as "expected value" disappears when saving the specification.

Fix: The value no longer disappears

742847: Flags: Cancelling a content from a protocol run, prevents derived contents run step to load

Description: When a parent content is cancelled from a workflow protocol run, which has a sibling content that was flagged, then a warning message is displayed for its derived contents and sibling content in all following run steps. Also, the run step contents are not displayed in the run steps anymore.

Fix: Sibling and derived contents can be further processed in the subsequent run steps and there is no warning message.

741404: Slimshare: Biobank layout cannot be exported

Description: After migrating to 6.9, biobank layout package cannot be exported from the slimshare module: An error related to mtr prefix used for multiple tables occurs.

Fix: The Biobank layout can now be exported

741235: Installation manual: erroneous command to download the MariaDB repository

Description: Section 2.2.3.2. Installing the MariaDB database contains a typo in command to download the MariaDB repository, using a -O (uppercase O) option while it should be a -o (lowercase O)

Correct command is: `curl -Ls -o mariadb_repo_setup https://downloads.mariadb.com/MariaDB/mariadb_repo_setup`

Fix: The command has been corrected (-o instead of -O)

740931: Plugins: interactiveImportException.getExcelFile() does not always output a file

Description: Plugins: interactiveImportException.getExcelFile() does not output a file in case of validation errors

Fix: InteractiveImportApi.InteractiveImportException.getExcelFile() can be used to optionally retrieve an (Excel) error file resulting from a failed Excel import.

739099: Grid templates: Filter title displays ID instead of name

Description: When filtering the list based on a table, the column labels are replaced by their internal id.

Fix: The column labels are now correctly shown.

739002: SLIMS Store: iLab plugin only imports 15 services

Description: Running the iLab plugin against an iLab instance with more than 15 services only imports the 15 first services

Fix: All services are now imported, even if there are > 15.

738625: Study design: highlighting is not possible in the grid in study design

Description: In the study design, there is no tab for edit highlighting.

Fix: The tab for 'edit highlighting' has been added.

738277: SLIMS Share: MH Package with test requiring analyte throw out exception when ``Create default requestable for one test" is set to true

Description: During the import of MassHunter integration store package, an exception thrown out which results in the failure of the whole package import.

Fix: The MH package can now be imported without errors

737393: Flat fields: Flattening fields on the Order table cause an error when accessing orders in SLIMS

Description: Flattening an order field causes the message "Incorrect syntax near the keyword 'Order'" to be displayed when opening an order.

Fix: Flattening fields on the Order table now works fine

737408: Content: Warning on edition when status of record requires reason for change

Description: When the lab settings "Electronic signature requires a meaning to be provided" is enabled and a content is in a status that has the "An electronic signature is required to edit records with this status" option enabled, editing a newly created content shows a empty warning window instead of the electronic signature dialog.

Fix: The electronic signature dialog is now correctly shown.

735551: Results : Impossible to restore cancelled results

Description: When cancelling normal results, they can be restored in the Order Module or the Protocol run step, but not in the Content Module.

Fix: The functionality to restore cancelled results is now available in the Content Module

735613: Installation/upgrade manual: MariaDB upgrade procedure needs enhancement.

Description: The current documentation of the MariaDB upgrade procedure is brief and does not describe the steps to take if the commands give anomalous output.

Fix: The upgrade documentation has been extended.

735174: Requestables: List is limited to 75 requestables

Description: In the Requestables modules, only the first 75 requestable can be seen and searched, and only 1 can be exported.

Fix: Requestables: List is no longer limited to 75 requestables.

734299: Excel export: The time on generated Excel report is not correct

Description: The time displayed along with the date in the Excel export template does not contain the correct time of generation of the template.

Fix: The time is now correct

732834: Slims Store: Fragment Analyzer CSV Import does not correctly import values when comma is used as decimal separator

Description: A Fragment Analyzer file that is semi-colon (;) separated and has commas (,) to separate decimals (example 104,6259) has the decimal separator removed during the import and the values are imported without separator.

Fix: Comma (,) decimal separators are now replaced by points (.) during import, instead of being removed.

732237: User: User session does not terminate after logout

Description: If a user logs into SLIMS with a concurrent premium user account and afterwards logs out of SLIMS, the user is still shown as "Logged in" and will occupy the concurrent license.

Fix: User session is now correctly terminated after logout.

731920: Order content: Duplicate order contents can be created due to difference in UIDs generated by upgrade script vs generation for new records

Description: Duplicate order contents can be created due to difference in UIDs generated by upgrade script vs generation for new records

Fix: Order content: It is no longer possible to generate duplicate order contents.

731632: Plugins: reset configuration to default does not work

Description: Clicking on "Reset configuration to default" in a plugin configuration will not reset it

Fix: see 719365

731439: Content categories: The restriction to selected roles does not disappear when specifying a value directly

Description: In a content type category details, using the "specify a value..." option after having previously selected "apply a value..." and checked the "only for selected role option" does not disable the "only for selected role" When later coming back to change from "specify..." to "apply..." the "only for selected roles" option appears checked while it should not.

Fix: The checkbox "only for selected roles" is not checked. It is now automatically unchecked when "Specify a value directly.." is selected.

730855: Simplified protocol: Moving blocks updates timestamp

Description: When moving blocks in an experiment using a simplified protocol, the timestamp of the blocks is updated

Fix: The timestamp is no longer updated when moving blocks

729167: SLIMS API: addRequestService.createDefaultRequest does not allow duplicate requests

Description: addRequestService.createDefaultRequest service does not allow to add duplicate requests for 1 content (while SLIMS UI does).

Fix: SLIMS API: addRequestService.createDefaultRequest now allows duplicate requests

728857: SLIMS API: AddRequestService: it is not possible to use createWorkflowRequest without an order

Description: in addRequestService, the Order is mandatory to create a new workflow Request.

Fix: A request can now be created without an order by passing null for the order parameter of the createWorkflowRequest method of addRequestService.

728791: SLIMS GATE: SLIMS GATE flow gets stuck when clicking cancel on electronic signature window

Description: When opening a SLIMS GATE flow window and executing a process that requires a signature, clicking on cancel causes SLIMS to be stuck and requires a hard refresh.

Fix: The window no longer gets stuck and can be use as intended.

727693: Workflow: Concurrent error appears when trying to requeue contents/cancel run from an existing protocol run

Description: Intermittently trying to requeue a content or cancel a protocol run from the workflow module is blocked as "Concurrent changes have been detected"

Fix: The concurrent error no longer appears.

727403: Simplified ELN: The name tab of an existing experiment deselects when attempting to edit

Description: Within the ELN module, when attempting to change the name of an existing experiment (of Simplified type), the tab where you can enter/delete text for the name will automatically deselect after typing/deleting a few characters.

Fix: The name tab can now be edited without automatically being deselected.

725466: Content: Dynamic choice field with multiple values enables does not show up in grid

Description: A Dynamic choice field with multiple values enabled breaks the display of the studies tab of a content.

Fix: A Dynamic choice field with multiple values no longer breaks the display of the studies tab of a content.

724145: SLIMS Share: linked test is not shown in detail

Description: After importing products and specifications from SLIMS Share, the linked test is not shown in the pop-up detail.

Fix: Linked test is now shown in the pop-up detail.

723925: Excel import: Importing specifications for multiple products shows the same product for in all unique identifiers

Description: From an excel template of specifications, it is possible to define specifications from multiple products. When importing this template, all specification will correctly be linked to their product, but their unique identifier will always use the first product as prefix. For instance, if the file contains specifications for "product_one" and "product_two", all specifications will have their unique identifier starting with "rule_product_one_" even specifications for product_two

Fix: The product value used in the specification unique ID now correctly comes from the product the specification is linked to

723419: Products: Having more than 2100 products prevents the product field from loading when using MS SQL database

Description: Having more that 2100 products on a server running on Microsoft SQL Server database shows an SQL exception when trying to load the product field.

Fix: Product lists with over 2100 products can now be loaded.

721089: SLIMS api (on github): apiVersion is not up to date

Description: The 4 templates have apiVersion set to 6.7.0, should be changed to 6.8.0 as it is the latest version. For slimsgate-template, the howToUseThisTemplate.md contains bullet points for test.com.genohm.slims.custom.beans.SayHelloTest which is not part of the template

Fix: master SLIMS-API on github is now up to date

720031: Performance: Product: Fetching too slow if you have a lot

Description: ProductFetchService.getAccessibleProducts is slow when you have a lot of products

Fix: Fixed with 723419

720029: Performance: Fetching content in orders can be slow

Description: Fetching content in orders can be slow. This is caused by fetching of the `rslt_status` field.

Fix: Fetching `rslt_status` can be disabled, significantly improving performance. The tomcat startup parameter `slims.performance.content.skipresultstatus` can be used.

719365: Plugins: ``reset config to default" erases the config

Description: In the plugin module, clicking on Reset configuration to default, erased the configuration.

Fix: 'Reset configuration to default' now works correctly

717320: Content: SQL server has the limitation that you cannot do queries with more than 2100 parameters

Description: By clicking on the dropdown arrow for products in content detail tab, SLIMS starts loading for about five seconds and then throws the Warning "The incoming request has too many parameters. The server supports a maximum of 2100 parameters. Reduce the number of parameters and resend the request."

Fix: See 723419

716497: Contents module: Childs in a tree get updated without changes after you save a propagation field

Description: Derivation trees can be very big, and in this case, updating the root record can take a lot of time because when "propagate changes to derivations" is enabled, it updates all children even when the child is not changed at all.

Fix: The children are no longer updated when nothing changes. This can improve performance significantly.

716390: SLIMS Rest: The REST manual is missing an example of a fetch request with a list of criteria

Description: The SLIMS Rest API manual has no example of how to write a fetch request with a list of multiple advanced criteria.

Fix: An example has been added to the manual.

712985: Stability study: It is impossible to add description in Stability study design template

Description: Description entered in the Stability Study Template Details tab is not saved

Fix: Stability study: It is now possible to add description in Stability study design template

712886:

Description:

Fix: SLIMSAPI: recordQueries now have findByUniqueIdentifier available. All recordQuery classes can now fetch by unique identifier. The return value is a Map<String, Object>.

708517: SLIMS GATE: It is impossible to add unversioned products

Description: The product that is added on the default product field can be without any versioning in SLIMS UI, but adding a product on this field via plugin can still result in an error if the product is not versioned.

Fix: It is no longer possible to add unversioned products. Products from the product module are added as a draft on the Content Products from the study design module are added as a version on the Content.

696133: ResultTableField are not restricted by type in MiSEQ package

Description: The Table Fields related to Tests (Reverse_FastQ, Forward_FastQ) created by the MiSEQ package are created with a resultTableField which is not restricted by type. This may cause error when import packages between SLIMS instances.

Fix: The relevant table fields are now restricted by type.

690115: Installation manual: It is not clear where CLL licensing files need to be obtained from

Description: Installation manual: It is not clear where CLL licensing files need to be obtained from. Manual mentions "the linux subfolder" instead of "On the customer zone in the installations/6.8/linux subfolder".

Fix: Manual has been made more explicit on where to download licensing files.

689344: Localization: Several resources are not translated into French

Description: Localization: Several resources are not translated into French

Fix: French translations have been added

689003: Localization: Several German translations are missing

Description: Localization: Several German translations are missing

Fix: German translations have been added

673858: SLIMS admin manual: broken link in the Scheduled Jobs Module section

Description: SLIMS admin manual: broken link in the Scheduled Jobs Module section

Fix: The link has been corrected

669102: Specifications: Expected value is not saved for Fixed Choice tests

Description: Specifications: Expected value is not saved for Fixed Choice tests

Fix: Specifications: Expected value is now saved for Fixed Choice tests

663188: SLIMS Installation manual: several instructions are not clear enough

Description: SLIMS Installation manual: several instructions are not clear enough

Fix: Several small changes have been added to the SLIMS installation manual

660248: SLIMS install manual: troubleshooting section does not contain info on maintenance plan setups for MSSQL databases

Description: SLIMS install manual: troubleshooting section does not contain info on maintenance plan setups for MSSQL databases

Fix: The troubleshooting section now contains info on maintenance plan setups for MSSQL databases

658841: SLIMS Installation manual: Timezone support for MariaDB 10.6 doesn't work with instructions in manual

Description: SLIMS Installation manual: Timezone support for MariaDB 10.6 doesn't work with instructions in manual

Fix: Instructions in the manual for Timezone support now also work for MariaDB 10.6.

657757: The column ``Product (filtering without version)" has lost its function

Description: The column "Product (filtering without version)" has lost its function

Fix: The column "Product (filtering without version)" works as intended

657751: Worklists: column width is too narrow and cannot be changed

Description: Worklists: column width is too narrow and cannot be changed

Fix: Column is now resizable

657742: SLIMS Development Manual: there is no complete list of all available services in the public API

Description: SLIMS Development Manual: there is no complete list of all available services in the public API

Fix: A list of all available services in the SLIMS API has been added to the development manual.

648300: Fields: Date difference with too big differences or rounding make the records unavailable

Description: Fields: Date difference with too big differences or rounding make the records unavailable

Fix: Fields: Date difference with very big differences now also works as intended

647531: Order: `Add or remove requests for this order' pop up keeps shaking and throws an error.

Description: Order: 'Add or remove requests for this order' pop up keeps shaking and throws an error.

Fix: The error no longer appears and the pop up is not shaking anymore.

646914: Sorting on comparator quantity field does not work

Description: Sorting on comparator quantity field does not work

Fix: Sorting on comparator quantity field now works correctly

645418: The fields `Reverse fastQ" and `Forward FastQ" from the miseq package do not show up in the fields module.

Description: The fields "Reverse fastQ" and "Forward FastQ" from the miseq package do not show up in the fields module.

Fix: see 696133

634908: SLIMS API manual: lacks documentation on option

Description: SLIMS API manual: lacks documentation on option

Fix: Instructions for have been added

567282: SLIMS Cloud: Rich text: unable to upload certain images

Description: SLIMS Cloud: Rich text: unable to upload certain images

Fix: Certain attachment extensions cannot be uploaded in Rich Text blocks. The error message is now more clear.

544106: SLIMS REST API: Advanced Criteria documentation are slightly unclear for `combining criteria' as part of Complete Request

Description: SLIMS REST API: Advanced Criteria documentation are slightly unclear for 'combining criteria' as part of Complete Request

Fix: see 716390

SLIMS 6.9.0

731574: Admin manual : ``Configuring a Sample Scheduler Workflow" section miss the link to Analytical section

Description: Chapters displays ??? instead of actual link to the analytical workflows part

Fix: Manual contains a correct link to Configuration section for Analytical Workflows

731433: Grid Templates : custom DateTime field filter options in grid only allow filtering by date

Description: When filtering on a custom date/time field while viewing a grid, the time options are not present in the filter selector and only entire days can be chosen

For both the selected start and end date, the time used appears to be midnight, despite being shown "12:00" in the UI. For example, when making filter Nov. 16th - Nov. 17th, no dates from the 17th would be included. It appears that this filter behaves as Date on or after Nov. 16th at midnight and Date one or before Nov. 17th at midnight

Fix: Filtering can now be done with a date range taking into account the date and the time.

731160: Not possible to start SLIMS with an empty DB or a DB from before 6.6

Description: Starting from an empty database or from a database earlier than 6.6 fails

Fix: It is now possible to start SLIMS with an empty DB or a DB from before 6.6

730711: Attachments: Permissions are ignored when downloading attachments

Description: Users can download attachments from an ELN project they had access to, despite the attachments were created with a restriction preventing them to do so.

Fix: Permissions are now correctly applied when downloading attachments

729996: Products: Specification shown in child product is actually specification of parent product

Description: Having a product which has a child product, the specifications shown in the child product are the ones linked to the parent product. Any change made (i.e. active / propagated) on the child product is actually set on the main product specification instead of the child.

Fix: The correct specifications are now shown

727162: Content: Using arrow down and up in quantity items is not working correctly

Description: Using arrow up and down to navigate between rows in content grid may stop working when content has quantities fields.

Fix: Using the up and down arrow now works correctly

725993: Reference data: Records disappearing as selection options from Dynamic Choice dropdowns

Description: In some cases, reference data records stop showing in Dynamic Choice fields dropdown list.

Fix: See 723263

724179: SLIMS Share : Restrictions are lost during export/import

Description: Content type, printer, and other restrictions are not conserved when migrating content with SLIMS Share.

Fix: SLIMS Share import and export now correctly handle ContentType and LabelTemplateContentType.

724025: Custom fields: Field name (unique identifier) is not generated automatically when copying a field

Description: Field name (unique identifier) of a custom field is not generated automatically based on the field label when a field is copied to create a new one

Fix: Field name is now automatically generated when copying a field. This is a default and can be changed.

723925: Excel import: Importing specifications for multiple products shows the same product for in all unique identifiers

Description: From an excel template of specifications, it is possible to define specifications from multiple products. When importing this template, all specification will correctly be linked to their product, but their unique identifier will always use the first product as prefix. For instance, if the file contains specifications for "product_one" and "product_two", all specifications will have their unique identifier starting with "rule_product_one_" even specifications for product_two

Fix: The product value used in the specification unique ID now correctly comes from the product the specifica-

tion is linked to

723780: SLIMS Share: In some circumstance, export of two protocols in a same package is impossible

Description: Using SLIMS Share, a user cannot select 2 protocols to create a package, there is an error popping up. Issue appears intermittently, and source of the problem is not clearly identified yet. It could be linked to the protocol name

Fix: It is now possible to export 2 protocols in one package in those circumstances.

723676: Study design: copying a specification without name results in no copy at all

Description: Copying a Study Design visit type specification without completing the "Name" fails, and no copy is made.

Fix: The name field is now a required field

723655: Simplified ELN: When using Chinese characters, no more than 4 characters can be used in module names

Description: When changing the name of simplified ELN module, when typing in Chinese characters with more than 4 characters, from the fifth one, it will turn out to be latin alphabet rather than Pinyin.

Fix: Using Chinese characters now works as intended

723263: Reference data: Users are able to inactivate reference data records from content module

Description: When a field on Content table is referencing a reference data type, if the "Can create reference data records from within a dynamic choice custom field" option is enabled, users have the option to disable reference data entries when selecting the field in a content

Fix: Reference data: Users are no longer able to inactivate reference data records from content module

722199: Macros: create location step has "active" property set to false by default

Description: When creating a new step of type "Create location" in a macro, the default value for the "Active" property is set to false (inactive)

Fix: The default is now set to true.

721801: ELN: Simplified Form block needs extra refresh

Description: When creating block form on simplified protocol, SLIMS needs to be refresh (again) after instantiating the first run of this protocol to be able to see those fields

Fix: It is no longer needed to refresh SLIMS after versioning an experiment template containing a form block.

719960: Scan module : When running a macro the ``new Date();" always return the date of macro execution

Description: When running a macro that sets (using "new Date()" in the field value expression) the content event to the current date/time inside the scan module, the date/time remains the same for all scanned barcode.

Fix: Fixed in 6.9.0: The new Date() groovy is called and date is updated each time a scan is made

720022: SLIMS Share: import of attachment can result in the wrong attm_path

Description: In some cases the import of attachment can result in the wrong attm_path.

Fix: The attachment path (attm_path) is now always correct after an import

719856: Installation manual : Incorrect commands for chrony service installation for RHEL 8

Description: In the "Install timeserver" section, the "For RHEL 8:" subsection contains a typo (an extra d) in the install command. The correct command being: yum install chronyd

It also misses the commands to enable and start this service: systemctl enable chronyd systemctl start chronyd
systemctl status chronyd.service

Fix: Installation manual now mentions chrony instead of chronyd in the installation command

719468: Attachments: icon does not work in content module order tab

Description: In the Orders tab of the Content module, there is a paperclip icon for viewing attachments on the order. Hovering that icon shows the correct count of order attachments in the tooltip, but when clicking on the icon shows no attachments displayed in the Attachments popup that opens.

Fix: Attachments: icon now works again in content module order tab

719032: Installation manual : two ``Agilent licensing Flexera" directories are misspelled

Description: In the Common Licensing Layer (CLL) chapter of the installation manual, the CLL installation section mentions two Agilent Licening Flexera directories using an uppercase A instead of a lower case one. As Linux systems are case sensitive, they are thus indicating wrong directories. Correct directories are: Install directory: /opt/flexnetls/agilent Data Dir: /var/opt/flexnetls/agilent

Fix: Installation manual now shows correct case in agilent directory

717278: Macro: Drop down list is not visible during execution for specifying new value for content type

Description: In a macro step of type Edit content, if the Type is marked as “Show during execution”, the drop down list is not showing consistently.

If “Keep at current value” is selected at the macro level, when switching to “Specify new value” during the execution, the drop down list won’t be displayed.

If “Specify new value” is selected at the macro level, the drop down list is there, but disappear when switching to “Keep value” and back to “Specify new value”.

Fix: Macro: Drop down list is now visible during execution for specifying new value for content type

716334: Administration manual: Timezone format for history change is incorrect in the manual.

Description: Changes section in history shows Date & Time values in UTC (which is required for compliance) while the manual states it is in Local Time.

Fix: The manual has been corrected. The time is correctly shown in UTC.

716332: Slimsgate REST: Exceptions thrown from a plugin are treated as internal server error without error message

Description: In a plugin (started via Rest), if an exception is thrown, it is in the end treated as an internal exception without any message.?

Fix: The response body now contains the error message.

715261: Analytical workflows: Duplicate key error appears when versioning analytical workflow protocol

Description: When trying to version a protocol in an analytical workflow, an error pops up saying “Duplicate key”

Fix: The error is no longer present

714585: Plugins: Attachment counter is not working.

Description: The attachment counter (paper clip) in the plugin module always shows 0

Fix: The attachment counter is now working correctly

713539: Macros : Restrictions on type does not work when a macro auto starts with different content types as input.

Description: If a macro with restriction on content type is automatically started in a protocol step in which there are contents of 2 different types, all the contents are processed independently of the type.

Fix: The restrictions are now correctly applied.

712603: License: Unable to use certain features for Read only roles after migrating to 6.8

Description: After upgrading to 6.8, some features are not available anymore for read only roles: - Filter by location - Filter by project - Filter by requestable - Filter by order - Filter by study - Layout configuration - Can link content to picklist - Can unlink content from picklist - Allow editing of the grid template for content grids - Study tab in Contents module - Reports - Can execute drafts of report templates

Fix: The relevant features are now working for basic (read-only) users.

712110: ELN: Color picker makes SLIMS non-responsive.

Description: After selecting a color in the color picker on a table in an ELN text block, SLIMS stays greyed out instead of taking the user back to the dialog that launched the color picker.

Fix: The color picker now works as it should

711826: Simplified ELN: Copy-pasting a figure into text block shows unexpected error message

Description: When a figure is copy-pasted to an ELN text block, the message "File successfully uploaded" is displayed along with an unexpected "Incorrect server response" message

Fix: The 2 messages do not show up anymore. When copy-pasting, only a loading bar shows up while the file is being uploaded.

709928: Installation manual: Layout issue in manual leads to wrong SLIMS properties

Description: The "Additional SLIMS properties" table in the installation manual has a too narrow "Property" column, leading to erroneous property names: The pathToJasperReportsFontsJar property is wrongly hyphenated to pathToJasperReportsFonts-Jar The slims.remote.heartbeat_interval property overflows on the "Possible values" column, making it difficult to read and easily misread as "slims.remote.heartbeat_interva"

Fix: In the installation manual, extra hyphen was removed from pathToJasperReportsFontJar property, and newline was inserted in slims.remote.heartbeat_interval to ensure it is fully visible

708351: Detail tab of content does not show correct tooltip for dynamic choice fields

Description: For a dynamic choice field, when a tooltip is defined, it doesn't appear when hovering over the field in the detail tab of a content. Instead, it shows the description of the referenced record (when a value is filled in for the field) or it shows no tooltip at all (when no value has been filled in for that field yet).

Fix: Detail tab of content now shows the correct tooltip for dynamic choice fields

707172: Plugins: Requests from requestables with fixed sequence settings can be added with an empty panel field

Description: When creating a request in a plugin, it can be created with an empty `rqst_fk_panel` while the requestable has fixed sequence settings.

Fix: The request is now created with the fixed sequence settings

702811: When creating a field, settings for a given table are kept when changing table

Description: When creating a field, selection options that are applicable to fields on a certain table are not removed when the table is changed. For instance, creating a field on Content table allows to set the required option which is not available for fields on Protocol Run Step table. But when creating the field, changing the table from Content to Protocol Run Step after having set Required to true will keep the field mandatory when clicking on the create button.

Fix: The fix will prevent this to happen for new fields, but existing fields will keep their unwanted "required" option and they will still need to be deleted and created again to get fixed.

702808: New content requires barcode when amount is changed to a lower value

Description: Creating a new content allows to create multiple contents at once. When "use barcode as id" is turned on and "slims generates a barcode for content of this type" is turned off, the "barcode" field is shown as many times as the specified amount of content. For instance, choosing to create 5 content will show 5 barcode lines (Barcode 1, Barcode 2, and so forth). Changing the amount to a lower value will reduce the number of barcode lines, but when validating the content creation, SLIMS will complain that barcode is required (for the lines that were removed).

Fix: The barcode requirement validation now works correctly.

701714: Attachment filter default filter doesn't show the "Currently linked" option and displays the wrong label

Description: The default view filter on attachment shows "Name", but it is not what is currently filtered. It should be "Currently linked".

Fix: Default filter now shows the correct options.

700235: Null `pcgd_recordPK` values in `packageGuid` table when using slimsshare

Description: On an empty DB when importing multiple slimsshare packages, at the point of the status workflow import, an error is raised.

Fix: Import works correctly.

699886: Result tab loading forever in case of relation loop

Description: Having a relation loop (like content A being ingredient of B and C, and B and C both being ingredients of A) will result in Result tab of Content module to load forever.

Fix: Result are shown and the modules does not load forever.

699615: SlimsProxy logging: sending logs to the client is slow

Description: Logging a lot with SlimsProxy might slow down the client, making it unresponsive until all logs are received from server. With several thousands of log entries, it can take several minutes.

Fix: SlimsProxy logging performance has been improved

698533: Installation manual: Error in the proxypass redirection for licensing

Description: In the “2.2.7.1. Common Licensing Layer (CLL)” section of the manual, the proxypass redirection of licensing reads https while it should be http

Fix: Proxypass redirections described in the installation manual now use http

697782: Installation manual shows an erroneous command for database backup

Description: Section 3.2.2.1.3 of the installation manual contains a wrong command for performing the database backup. The correct command is: `mysqldump -u DatabaseUser -p[DatabaseUserPassword] [database name] > [backup name].sql`

Fix: The backup command is now correct

696641: Unique identifier is not shown for container type

Description: In the container type module, the field for the unique identifier is not shown either for creation of a new container or for existing containers.

Fix: Unique identifier field is now shown.

696113: Rule evaluations: records cannot be sorted on content fields

Description: Rule evaluation records cannot be sorted (Rule evaluations module) when more than 75 records are present.

Fix: Sorting has been disabled on content column in the Rule Evaluation module. Sorting is still enabled in all other places where Rule Evaluations are shown.

694950: Installation manual: the java and tomcat upgrade chapters are not clear in the windows manuals

Description: Installation manual: the java and tomcat upgrade chapters are not clear in the windows manuals

Fix: The relevant chapters have been improved

689535: Localization: History for order labels is not translated into German

Description: Localization: History for order labels is not translated into German

Fix: Labels are translated into German.

687769: Rule evaluations: columns cannot be sorted

Description: Rule evaluations: columns cannot be sorted

Fix: Sorting has been disabled on content column in the Rule Evaluation module. Sorting is still enabled in all other places where Rule Evaluations are shown.

687024: Development manual: manual is lacking remote debugger instructions

Description: The development manual does not contain any instructions on how to set up a remote debugger on SLIMS Gate service

Fix: The manual now contains instructions on how to setup a remote debugger.

682168: Report template : Exception warning message while creating add root with out enter any fields

Description: When creating a new Report Template, not filling mandatory fields shows an exception warning instead of a clean error message

Fix: Mandatory fields are highlighted.

681718: Custom fields: When copying a field the name is not autosuggested for correct formatting

Description: Custom fields: When copying a field the name is not autosuggested for correct formatting

Fix: Name is now automatically filled based on label value.

681055: Products and Specifications: comma separated numbers are not saved and no error is given

Description: Products and Specifications: comma separated numbers are not saved and no error is given

Fix: An error saying that values are invalid as a period is expected as decimal separator.

675985: Slims Share: sort on id for packages is alphabetic instead of numerical sorting

Description: Slims Share: sort on id for packages is alphabetic instead of numerical sorting

Fix: Slims Share: sort on id for packages is now alphabetic

673969: Order module: cannot filter on Product column in the Request overview tab in the order module

Description: Order module: Filtering on Product column in the Request overview tab in the order module has no effect

Fix: Filter on content columns is not possible anymore in the request overview tab.

667476: SLIMS SHARE: Fields: Importing previously deleted fields is not possible

Description: SLIMS SHARE: Fields: Importing previously deleted fields is not possible

Fix: SLIMS SHARE: Fields: Importing previously deleted fields is possible

667389: Grid templates: Adding a column of the same field twice breaks the grid remake

Description: Grid templates: Adding a column of the same field twice breaks the grid remake

Fix: It is now impossible to add two times the same column on a grid template if it's on the root.

666981: Protocol Steps: restricted by 'can execute slimsgate flow' still shows all flows

Description: Protocol Steps: restricted by 'can execute slimsgate flow' still shows all flows

Fix: Only the slimsgate flows allowed for this runStep appear in the selection menu

665353: Locations: Inconsistent Error Message for Moving Locations

Description: Locations: Inconsistent Error Message for Moving Locations. The same action gives a different error message when moving in the content module or in the location module.

Fix: SLIMS now displays the "Sublocations of selected type cannot be added to this location type" error message

664248: Lab settings: changed SMTP address is not immediately used by SLIMS (GATE)

Description: Lab settings: changed SMTP address is not immediately used by SLIMS (GATE). This can lead to emails going to the wrong addresses.

Fix: SMTP change is now immediately taken into account

663194: Widget: description cannot be more than 1000 characters

Description: Widget: description cannot be more than 1000 characters

Fix: Widget description can be more than 1000 characters.

662521: Content: Import error with non unique groups name

Description: Content: Import error with non unique groups name. Group cannot have the same name as an existing role.

Fix: Added a criteria in the internalization of group name so that only standard groups are searched

662452: Views: Advanced highlight in view not working on content when no fields are selected

Description: Views: Advanced highlight in view not working on content when no fields are selected

Fix: advanced highlight in view not working on content when no fields are selected

661166: ELN: When linking reagents a second time, the usage grid needs to be refreshed before adding a usage or the usage will be blank

Description: ELN: When linking reagents a second time, the usage grid needs to be refreshed before adding a usage or the usage will be blank

Fix: Usage grid is refreshed automatically when adding a new reagent, link reagent or link reagent and back

660727: Workflow and macro: run on start of step doesn't work if more than one macro with restrictions on applicable types is present

Description: Workflow and macro: run on start of step doesn't work if more than one macro with restrictions on applicable types is present

Fix: When multiple macros are present in a protocol step, they are run as expected on the restricted types they apply to.

660222: Orders: deleting a request via the ?Request overview? tab does not completely delete the request.

Description: Orders: deleting a request via the ?Request overview? tab does not completely delete the request.

Fix: Orders: deleting a request via the ?Request overview? tab now completely deletes the request.

660137: SLIMS installation manual: small mistakes with certain images

Description: SLIMS installation manual: an image contains the name of a customer + two image are too small

Fix: Customer name was removed from figure, and figures are now big enough for reading.

659685: Orders: Nullpointer when reverting order that is 'in progress'

Description: Orders: Nullpointer when reverting order that is 'in progress'

Fix: When reverting an order and not specifying a new status, no exception is thrown.

655400: Incorrectly entered Japanese date format is not validated correctly

Description: Incorrectly entered Japanese date format is not validated correctly

Fix: Japanese dates are correctly validated

655330: Result blocks do not allow views

Description: Result blocks do not allow views

Fix: Result blocks allow views

655025: Datetime field values are missing in "Test Single choice grid"

Description: When user execute "Test Single choice grid" on content that have specified custom fields (datetime) grid doesn't show values

Fix: Fixed on 6.9.0: All custom fields have values

652602: Sample Scheduler: Sequence rollout does not work via SLIMS

Description: Sample Scheduler: Sequence rollout does not work via SLIMS

Fix: Sample Scheduler: Sequence rollout via SLIMS now works correctly

653193: Studies: an unusable 'add CRF button' is shown when the study does not allow CRF

Description: Studies: an unusable 'add CRF button' is shown when the study does not allow CRF

Fix: An error message is shown with the following text: "There are no applicable case report forms for this event"

653057: Groups: Virtual groups are present in the filter dropdown for the original group field

Description: Groups: Virtual groups are present in the filter dropdown for the original group field

Fix: The virtual groups are not present in dropdown filter for Original group field.

650632: Reference data: Reference data records with a non editable status in a status workflow cannot be copied

Description: Reference data: Reference data records with a non editable status in a status workflow cannot be copied

Fix: Reference data records with a non-editable status in a status workflow can be copied

649016: Performance: the workflow module is redrawing (refreshing) itself too much

Description: Performance: the workflow module is redrawing too much. It should only redraw when something actually changes.

Fix: Workflow only redraw if something changed.

645363: Customizations: StringUtil.getAsFloat(String) does not throw an error

Description: Customizations: StringUtil.getAsFloat(String) does not throw an error

Fix: No error is thrown, returning null when conversion fails is the expected behavior.

645281: Reference Data: Multiple copy of Reference data record is not possible because of unique identifier validation

Description: Reference Data: Multiple copy of Reference data record is not possible because of unique identifier validation

Fix: Reference Data: Multiple copy of Reference data records is now possible

644896: Grid Template: Checkbox fields do not display consistently

Description: Checkbox fields do not display consistently: For a false value, it sometimes shows "False", and sometimes shows a empty checkbox For a true value, it sometimes shows "True", and sometimes shows a checked checkbox

Fix: When a field is null or false, it always displays an empty checkbox When the field is true, it always displays a checked checkbox, When the field is NA, it always displays NA

639069: SLIMS GATE: ScheduleOrderService api causes a SQLLock exception if it's done following other transactions

Description: SLIMS GATE: ScheduleOrderService api causes a SQLLock exception if it's done following other transactions

Fix: Issue is not reproducible anymore.

636870: Simplified ELN: Form block: rich text field does not adapt size to content

Description: Simplified ELN: Form block: rich text field does not adapt size to content

Fix: Rich text field adapts to content to a certain point where scrolling takes over

628156: Groovy: Result groovy is not evaluated when the result status changes while slims.performance.resultstatus.flushtgether is used

Description: Groovy: Result groovy is not evaluated when the result status changes while slims.performance.resultstatus.flushtgether is used

Fix: This performance flag is deleted in 6.9

591679: Units: the micro sign is not correctly displayed in the grids module.

Description: Units: the micro sign is not correctly displayed in the grids module.

Fix: Micro sign is correctly displayed in the grid module.

585190: Files can not be added to rich-text dashboard widget using the ?Add a file? button.

Description: Files can not be added to rich-text dashboard widget using the ?Add a file? button.

Fix: Files can now be added to rich-text dashboard widget.

531759: Views: blue icon: Unexpected behaviour when saving view

Description: A view icon is normally gray and becomes blue when the view has been edited and not yet saved. When the changes are saved, the icon remains blue while it should become gray again.

Fix: This will not be fixed.

523988: Reference Data: The Name Field is not emptied after clicking 'Create and Add another record'

Description: Reference Data: The Name Field is not emptied after clicking 'Create and Add another record'

Fix: The Name Field should be empty after click Create and Add another record.

515996: UI: SLIMS top bar looks unfinished

Description: The SLIMS top bar has an empty space between the modules and the notifications / user

Fix: The top bar is continuous

503713: SlimsShare: Layout migration between SLIMS major versions does not work

Description: SlimsShare: Layout migration between SLIMS major versions does not work

Fix: Not implemented yet.

487637: Macros: Create content: only one box for barcode input shows up when amount of content records > 1

Description: Macros: Create content: only one control for barcode input shows up when amount of content records > 1. This is only the case when content type is not shown during execution.

Fix: They are as many controls as content records.

451554: Slimsgate Plugin: when editing values in a previous plugin step, changes are not reflected in current step

Description: Slimsgate Plugin: when editing values in a previous plugin step, changes are not always reflected in current step

Fix: Changes for input in the previous step are reflected in the next step

451490: Issue with rules

Description: Rules depending on a field value for a field that is no longer applicable for the current content type, are still evaluated as if the field is applicable.

Fix: The rule is not applied anymore, as the field is not present in this content.

435820: slims-python-api: fixed sequence settings are not being added automatically on a request

Description: slims-python-api: fixed sequence settings are not being added automatically on a request

Fix: see 707172

433003: Grid templates: unable to change join type ``inner" to ``left"

Description: Grid templates: In some cases it is impossible to change join type "inner" to "left". This is at least the case when 'Max' 'Created on' is active.

Fix: It is again possible to change the join type.

429859: Macro: Add event in batch mode: inconsistencies in field values with groovy

Description: Macro: Add event in batch mode: inconsistencies in field values with groovy

Fix: Groovies do not execute for "preview purposes" in macro elements

427474: Groovy: issue with content events

Description: cnvn_date can have 2 different classes which can result in faulty fetches with daoHelper

Fix: Development manual was updated to mention this.

420309: Export: Exporting user table to excel also exports the SLIMSGate user

Description: Export: Exporting user table to excel also exports the SLIMSGate user. This should not happen.

Fix: Slimsgate users are not exported

412655: Grids : filtering on time does not work

Description: In the Grid Module, filtering on date with time does not work

Fix: The grid is filtered based on user input time.

388857: Groovy : Calculation with max. significant number set and scientific notation, no longer calculate if the outcome passes the limit

Description: When reaching the quantity precision, the groovy is no longer evaluated

Fix: The limit is now evaluated for both old and new values

Known issues planned for SLIMS 6.9.24

1200247:

Description:

1196848: SLIMS Share: server returned FAILURE when generating packages

Description: During a migration, when attempting to generate packages for workflows, the "Server returned FAILURE with no error message performing operation 'GENERAL'" is displayed and no dependencies are shown in the bottom list.

1194869: Simplified protocols: can link expired contents with "scan to link" or "go to content" options

Description: When the "allow linking of expired contents" is disabled in a simplified protocol block, expired content do not appear in available content, but expired contents can still be added by using the "scan to link", or "go to content" button.

1194634: Roles: Loading the roles grid is very slow

Description: The roles module takes about 2 minutes to load

1192292: Orders: Order is removed from filter after status update

Description: When updating the status of an order, it's removed from the list if the view is filtered

1190827: Workflows: Slow loading of workflow graph

Description: A workflow with +/- 30 protocols takes a long time (10-20 seconds) loading before the user can click on a protocol/queue/run

1187440: Simplified protocol: SOP blocks expand when using action block (with a flow)

Description: SOP blocks in simplified protocols expand when using an action block with a flow.

1187356:

Description:

1186315: Updates on a field through REST can circumvent the TableField- Dao preValidate and validation code

Description: TableFieldDao and DataSourceFieldDao extends FieldDao and implement a lot of validation logic. Since FieldDao is also a component on its own, it also can be called directly, but doesn't contain the validation code

1185923: Some requestables showing as blank lines

Description: Some requestables show as blank lines in the Requestables module.

1185921:

Description:

1185823: triggerDelayedRecalculation can explode SLIMS when updating results on qc cards

Description: triggerDelayedRecalculation can explode SLIMS when updating results on qc cards

1184621: Simplified Workflow : Filter bar from Result Block: is gone when filter show no items

Description: When filtering in the result block from the filtering bar, in case of no item is found, the filtering bar is gone.

1184538: SLIMSSHARE imports existing Application ID when exporting/importing package to new instance

Description: When using SLIMSSHARE to create a lab settings package, it includes the application ID on the current instance and when importing into a new instance, the existing application ID gets overwritten with the ID from previous instance. This causes issues with licensing as there are now two instances sharing the same app ID.

1183902: Scanning contents to link in workflow step is slow

Description: When scanning contents to link in the workflow it takes a few seconds to process the request

1183466: Simplified protocol runs don't get displayed after opening simplified run in Runs module

Description: After opening a simplified protocol run in the runs module, opening a run in the workflow module is not possible as the screen remains blank.

1182683: Grids: Time field is displayed with the full date

Description: When adding a time field to a grid, the value is shown as the exact stored date in the DB instead of only the HH:mm

1181631: Example multi-facet widget from manual does not work

Description: When following Multiple Graph Facets section of the administration manual to setup an example widget the grid of the widget contains data but the graph is blank.

1180578: Instrument: Uncalibrated instrument cannot be saved

Description: When a instrument calibration date is expired, the "Calibrated" field still has value "YES" preventing saving.

1176912: ELN: Usage tracking does not work on double link

Description: When a content is used twice: as content and as reagent, if the "Usage tracking required" is enabled in the ELN Protocol, the step cannot be finished as SLIMS complains for usage being required

1174957: The version button of imported simplified protocol keeps yellow

Description: The version button of imported protocol keep yellow, because of the deleted form step in the json file

1172876: SLIMS SHARE packages containing a cycle through lctp_fk_defaultSubloc cannot be imported

Description: When a package contains two location types where location Type 1 has "Default type of sublocation" set to "Location Type 2" and location Type 2 has "Default type of sublocation" set to "Location Type 1", the import of the SLIMS SHARE package fails.

1170549: SLIMS Rest: uploadToSlims fills up /tmp folder

Description: Everytime a plugin is uploaded using the ./gradlew :uploadToSlims command , SLIMS creates a jar for every plugin.

1169207: SLIMSREST allows setting dynamic choice field with wrong record type

Description: Slimsrest allows to set the value of a restricted dynamic choice field with records from a forbidden reference data type

1160164: ELN: Editing rich text field value clears other unsaved changes in form

Description: In certain forms, clicking into a rich text editor and back out will clear the other unsaved changes made in the form.

1159729: Workflows: Processed queueElement stays in Queue

Description: Requeuing all the ingredients of a mix content's aggregator leaves the aggregator on the queue.

1131496: Groovy : Impossible to use external URL for images

Description: When using groovy to generate HTML in a custom rich text field, it is not possible to use an external URL in image source even when using https protocol.

1045920: Analytical workflow : If a previous request for a test was cancelled, subsequent requests using the same test fail to create results

Description: After sending the samples to the workflow with one request for 2 tests, and then cancelling the request. When adding a similar request again (for the same test and another), there seems to be no queue element for the second requested test.

Known issues planned for SLIMS 6.9.25

1200272: Simplified workflow: Form block: cf checkbox with N/A show twice

Description: Workflow simplified protocol form block custom field checkbox with N/A show twice

1198568: Unhandled error when modifying result

Description: When a flag is added via groovy in a workflow step, then after the run is finished, trying to modify the result value in a way the flag is removed, raises an error: "Transaction rolled back because it has been marked as rollback-only."

1195768: SLIMS Rest: Posting Date Time Field Value returns Null

Description: When creating a new value or edit and existing value for a field of type 'Date Time' and using the "dd/MM/yyyy HH:mm:ss" format , REST does not throw an error but will upload a null value instead of the one entered.

1195266: Workflow : Username Case Sensitivity for Final E-signature Step

Description: Login is not case sensitive for username; however, if the username entered for the final e-signature step is entered in incorrectly (with an incorrect upper/lower case letter), SLIMS throws an error that the username is incorrect.

1193997: Display field is not unset from dynamic choice when datatype is changed

Description: When creating a field of datatype 'Dynamic choice' if a display field is set, changing the datatype will not unset this display field, causing an absent display name on the records for this field as SLIMS won't find the display field.

1194073: Fields: Filtering value table on checkbox equals false gives issues

Description: If you filter a value table on a checkbox equals false, then the dropdown list is removing the entities which have value "null" but only after starting typing in the dropdown list field.

1192784: Changes to default views not being properly enforced to layouts

Description: The normal process to enforce changes to views is not working for the default view.

1192505: Printing does not include all rows

Description: When printing a grid, the print preview and printed PDF do not show all rows.

1190555: Protocol : Impossible to remove aggregated results after results are removed

Description: In a protocol where multiple results of same test are generated automatically with an aggregated one, if all results are removed permanently all results, it is not possible to remove the aggregated results.

1183531: Content Types module: Content Category attachment upload failed

Description: When uploading an attachment for a content type category, it shows other attachments (all attachments from the attachment module) in the pop up after upload, and a refresh shows that the upload failed.

1182225: Flags on mixes cleared when moving to next step

Description: Mix contents do not retain their flag when moving to the next step in the workflow.

1179266: Fields: 'only show if other is checked' option for Order content table fields is not working

Description: 'Only show if other field is checked' option is not functional for Order content table fields: the field still shows up despite the selected checkbox is not checked.

1177580: Long username causes java string warning when loading modules

Description: SLIMS will allow you to make a username up to 85 characters, but with a long username (around 55 characters) you will get a warning when loading modules.

1174481: Plugins: using finish button after plugin exception causes lockup

Description: In a plugin with sample selection as a required input for the first step, starting the flow without any samples selected causes an error. But selecting the "finish" button after acknowledging the error causes the plugin window to lock up and remain open with no way to close the window aside from refreshing SLIMS.