



Laboperator v4.7.0

Changelog

2022-08-25



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v4.7.0 - 2022-08-25

Added

- [Workflows] When authoring workflow templates, workflow designer can now decide to apply “formatSpecifier” conditionally via table rules
- [Workflows] Allow to display change reason icons in a read only manner. This can be useful when workflow designers want to indicate that certain cells in a table are only editable via workflow behaviors instead of via direct user input.

Changed

- [Devices] When upgrading device drivers and there are multiple compatible drivers found, the system would now prefer to use the latest driver defined by the buildpack. This change of behavior can be observed when upgrading device drivers that either gets renamed, or superseded by a different driver class.
- [Workflows] Device statuses will no longer be displayed in completed workflow runs.
- [Workflows] Network response messages in the Workflow Editor now appear in the user’s chosen application language (workflow-editor v1.1.0).

Fixed

- [Collections] Fix various minor issues with searching for resources by their name.
- [Organization] In a fresh on-premise installation which is configured to authenticate users via SSO, the first user who signs up will now be asked to create a new organization. There’s no longer a need to manually create a new organization beforehand.
- [Workflows] Display of time within tables will now respect the organization settings. To get the desired effect, the underlying table data must have the proper data schema definition including “type: string” and “format: date-time”.
- [Devices] 2mag Mix (Serial): dependencies and configs updated, parameters schema fixed, removed deprecated field (driver-2mag-mix v2.2.1).
- [Devices] 2mag Stirring Hotplate 6 (Serial): dependencies and configs updated, parameters schema fixed, removed deprecated field (driver-2mag-stirring-hotplate v2.0.1).

v4.6.0 - 2022-08-11

Added

- [Audit Trail] When reviewing audit trail, user can now bulk expand/collapse details of all audit trail entries
- [Devices] Cedex Bio HT Analyzer (Serial/SiLA) from Roche: commands to insert and remove racks (driver-roche-cedex-serial-sila v1.2.0).

Changed

- [Devices] In addition to added/removed channels, user will also now be warned of added/removed commands when upgrading/downgrading device drivers.
- [Devices] VIAFLO, VIAFLO-4634, and VOYAGER-4724 from INTEGRA: stability improvements and standardization of command and channel naming. The naming change is a breaking change for existing workflows (driver-integra-viaflo v3.0.0).

Fixed

- [Connector] Improve page performance when viewing connector with sufficiently large number of connected devices

v4.5.0 - 2022-07-28

Added

- [Dashboards] Organization admin may now disable the public dashboard feature via feature flag toggle when necessary.
- [Devices] Select device drivers will now send raw data received from devices as additional data points. The raw data is persisted in the database and may be referred to as necessary for GxP audit.
- [Resources] When viewing resources under collection, users may now filter the resources by custom attributes defined by the organization.
- [Workflows] The updateResource action within workflows are now able to update values of custom attributes of resources
- [Workflows] Early access to the Workflow Editor which enables non-technical users to visually construct workflow templates based on previously uploaded step templates. The editor is available for access on our on-cloud installation. Contact us for support to enable it in your on-premises installation.
- [Devices] Mixer 50 from Esco-Labor: new device (driver-esco-mixer-modbus v1.0.0).

- [Devices] UART Shield from SmartLab Solutions: new channels and commands (driver-smartlab-uart-shield v1.1.0).
- [Devices] All Sartorius balances supported by driver-sartorius-sbi: send raw data for weight channel (driver-sartorius-sbi v4.2.0).
- [Devices] All Mettler Toledo balances supported by driver-sicsserial: send raw data for weight channel (driver-sicssserial v2.5.0).
- [Devices] All Mettler Toledo balances supported by driver-sicstcp: send raw data for weight channel (driver-sicstcp v1.2.0).

Changed

- [Exports] Format of audit trail exports and login attempts report are updated to make the content easier to understand, and to also allow inclusion of customizable logos.

Fixed

- [Dashboards] Fix issues where some elements are showing as forbidden when viewing a public dashboard.
- [Resources] Fix issues where the timestamp for hidden resources is not displayed correctly.
- [Workflows] Fix display of field with type file
- [Workflows] Fix issue in mapping local steps of external step templates

v4.4.0 - 2022-07-14

Added

- [Administrations] Add support for registering custom attributes which can be associated with all resources inside collections. These attributes can be used to store organization specific data, and the values will be available for further processing from inside workflows. Which would enable greater flexibility in designing workflows.

Fixed

- [Workflows] Fix issue where webhook response are recognized with the wrong content type, making the data inaccessible from inside workflow scripting

v4.3.0 - 2022-06-30

Added

- [Devices] Sensor (MQTT) from essentim GmbH: new device (driver-essentim-mqtt v1.0.0).
- [Devices] XPR (TCP) from Mettler Toledo: new device (driver-sicstcp v1.1.0).
- [Devices] XSR (OPC-UA) from Mettler Toledo: new device (driver-opc-ua-weighing v1.0.0).
- [Dashboards] Dashboards can now be shared with non-registered users in read-only mode.
- [Workflows] Allow workflow designers to write workflows with webhooks that download a file and save it as an attachment.

v4.2.0 - 2022-06-16

Added

- [Workflows] Allow workflow designers to write workflows with webhooks that communicate in data types other than JSON.
- [Workflows] Allow workflow designers to access the change reason of field updates in scripting.
- [Webhooks] Added support for using short internal domain names for approved webhook URLs.

Changed

- [Audit Trail] Allow users to filter Audit Trail by multiple event types.

Fixed

- [Devices] VIAFLO from INTEGRA, VIAFLO-4634 from INTEGRA, VOYAGER-4724 from INTEGRA: use latest build dependencies (driver-integra-viaflo v2.1.2).
- [Organizations] Fixed UI bug in user in profiles to correctly display user initials.
- [Deployment] Remove conflicting configuration settings for custom system certificates.

v4.1.0 - 2022-06-02

Added

- [Devices] Osmomat 3000 from Gonotec: new device (driver-osmomat v1.0.0).
- [Devices] Cedex Bio HT Analyzer (Serial/SiLA) from Roche: commands to control orders and start/stop the device (driver-roche-cedex-serial-sila v1.1.0).
- [Devices] Cedex Bio HT Analyzer [SiLA Client] from Roche: new device (driver-sila v1.3.0).
- [Usability] Support for displaying the application, and to set user preferred language, in French
- [Workflows] Support for querying accessible resources during workflow execution. To achieve this, a new action called "getResources" is added to workflow behaviors.

Changed

- [Devices] Buddy from bAhead: updated definition with latest SiLA definition (driver-sila v1.3.0).
- [Workflows] When the last step of a Workflow is completed, if the user executing the Workflow does not have the permission to add a step to a dynamic Workflow, then the Workflow will automatically be considered as completed.

Fixed

- [Collections] Fixed navigation to parent collection in the collection selector being shown when managing resources inside collections
- [Workflows] Fixed error when trying to permanently delete a Workflow Run

v4.0.0 - 2022-05-20

Added

- [Devices] UR10 from Universal Robots: new device (driver-ur-dashboard v1.0.0).

Changed

- [Resources] Archival of resources are replaced with hiding of resources. The changes are mostly cosmetic with minimum expected impact on user's ability to manage their resources.

- [Devices] R-300, R-220 pro, SyncorePlus from Büchi: simplified driver parameters. An upgrade to this version requires manually updating the parameters. (driver-buchi-openinterface v2.0.0).

Removed

- [API] APIv1 of Laboperator was deprecated since release of Laboperator v2.17.0 and is finally removed
- [Administrations] Management of user permissions and access to resources via ACL is removed in favor of RBAC.
- [Audit Trail] Activities page is removed in favor of Audit Trail
- [Collections] With the removal of ACL, the ability to review ACL permissions and filter resources based on ACL roles is also removed
- [Connectors] Non-functional attributes are removed from the Connector edit form and info panel.
- [Exports] Support for exporting to remote Network Drive is removed.
- [Organizations] The explicit distinction between Administrator and Member is removed in favor of assigned roles and permissions via RBAC

Fixed

- [Dashboards] Fixed issue with invalid count of data points in Line Chart elements
- [Exports] Fixed issue with export with sufficiently large amount of data points
- [Workflows] Fixed issue with outdated snapshot observed in workflows which have behaviors written to sequentially update a field and complete substep/step within a single action.