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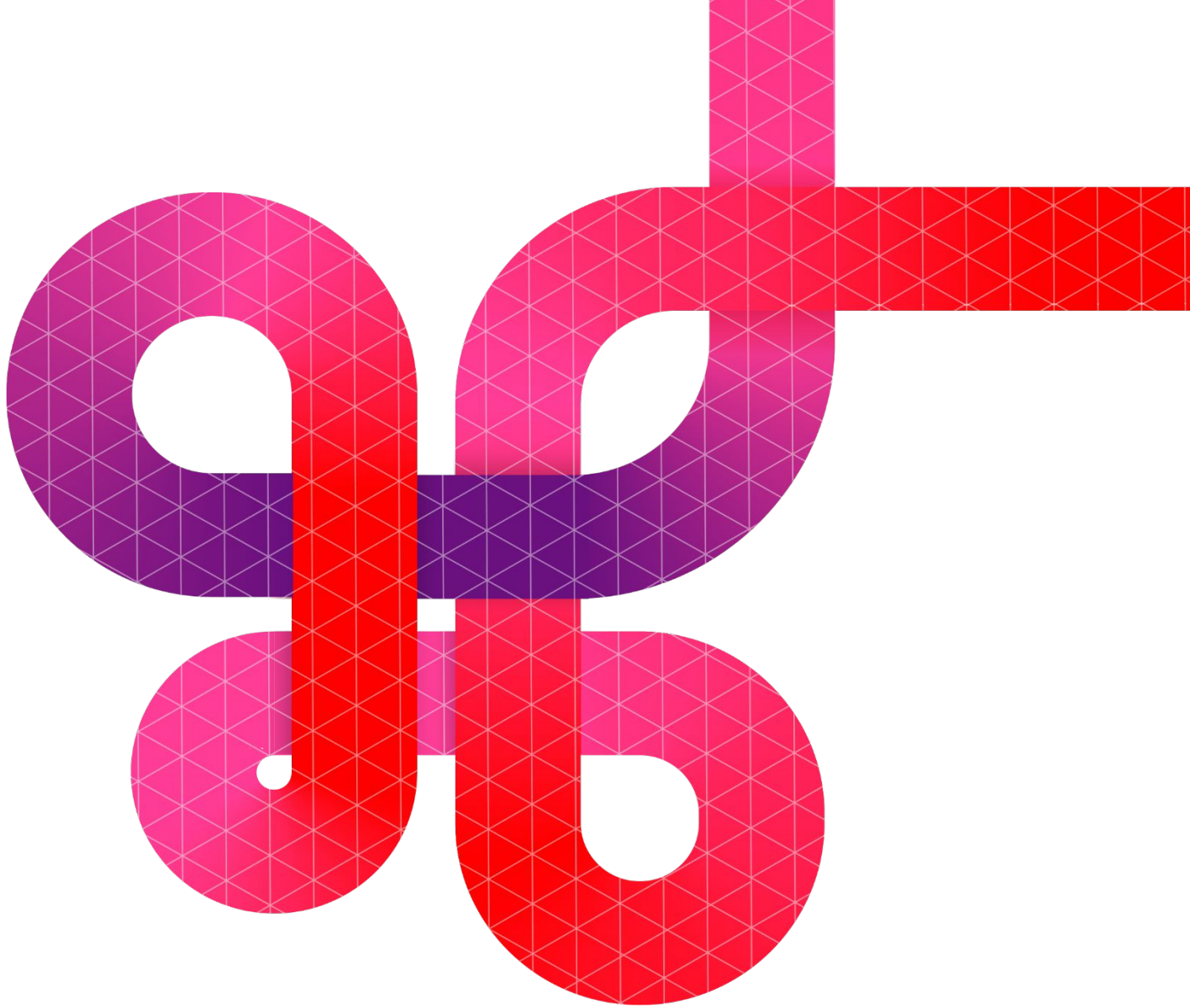
Celonis Process Mining 4.7.1

Release Notes



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Updating to Celonis Process Mining 4.7.1

Please be aware that before updating to Celonis Process Mining 4.7.1, it is **required to install and run version 4.7.0**.

For detailed information and further required steps, please refer to the **Celonis 4.7.1 - Update Guide 1.12.**

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Important changes

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SAP HANA JDBC driver

With Celonis Process Mining 4.7.1, we no longer distribute the SAP HANA JDBC driver (ngdbc.jar) with the application.

If you are currently connecting to a SAP HANA database, please follow the instructions in the Update Guide 1.12 to deploy the SAP HANA JDBC driver. As each SAP HANA Support Stack brings its own version of the SAP HANA JDBC this is required to ensure the full compatibility of the driver with the HANA version!

Not following this instruction will lead to all SAP HANA connections failing (e.g for Data Model loads).

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Custom writable root configuration

In the new version we slightly adapted the configuration of the *filesystem.writableroot* property:

The *filesystem.writableroot* is set to the installation directory in the installer script, and always overrides this property on upgrade. If the target or the subdirectory that points to the writableroot are manually changed, two writableroots are created during the update configuration can be lost by duplicate temporary files and Configuration Store backups. To prevent such a scenario, we introduced a new property called *filesystem.writableroot.allow_different_dir* in the *config.properties* file.

For detailed information and further required steps, please refer to the Celonis 4.7.1 - Update Guide 1.12.

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Improved security

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CyberArk integration – AAM

Secure your database credentials

With this integration, sensitive database credentials do not have to be entered in the Celonis frontend or the configurations files anymore. The passwords can be retrieved from the CyberArk Secure Vault at runtime.

Find more information on the integration in the updated Operation Guide 1.13 or on help.celonis.de.

Note: Requires an active and licensed CyberArk Privileged Access Security Solution.

Restriction of concurrent user sessions

With the release of this version, the amount of concurrent user sessions (authentication from different browsers/endpoints using the same credentials) can now be limited.

The setting is configured in the *config-custom.properties* file via the new property *server.maximumSessions*.

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Analysis improvements

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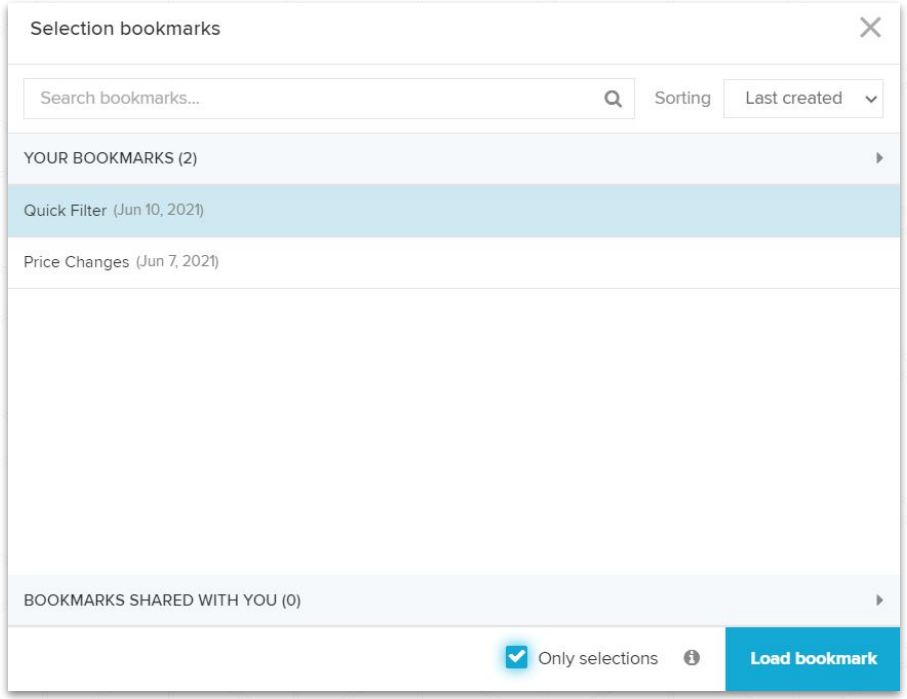
Improved bookmark concept

With Celonis Process Mining 4.7.1, we have reworked and improved the current bookmarks:

- When loading a bookmark, there is now an option that allows users to choose if they only want to load selections or the whole state of the analysis
- The icons were updated to ensure better visibility

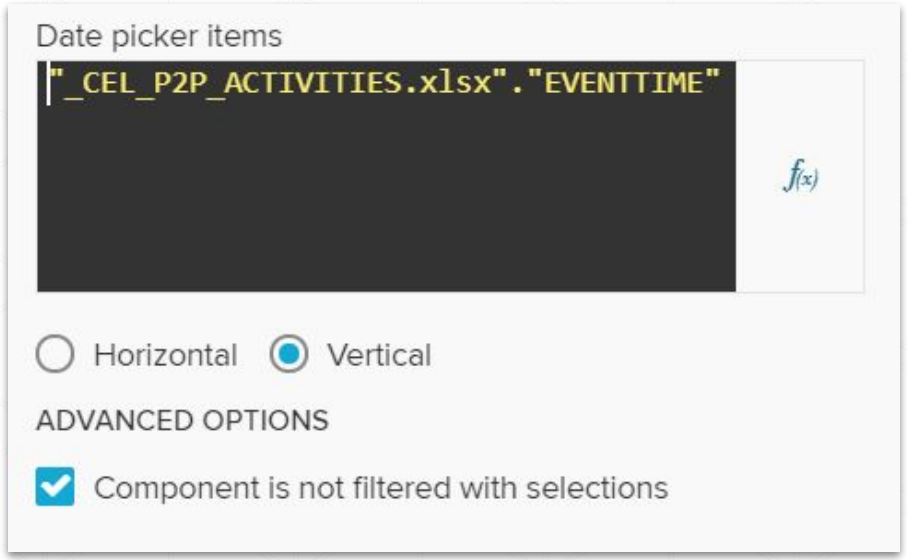
Note: A bookmark saves the state of the analysis. The analysis state includes selections, variables, process explorer view, and states of components such as sorting in OLAP tables.



Improved Date Picker component

The Date Picker now has a new advanced setting that lets the Analyst decide, if the component should be filtered with selections.

Filtering the component also restricts the available dates. If the component is not filtered with selections, all dates can still be selected.



Administration

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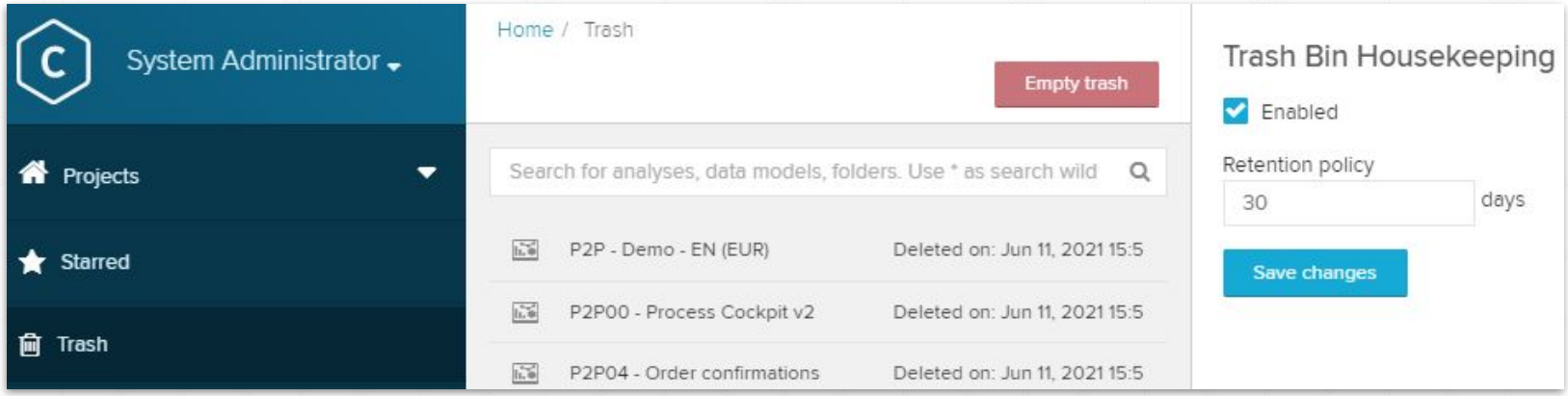
Scheduled trash bin housekeeping

We noticed that a lot of System Administrators never empty the Analysis trash bin. That can lead to various problems, including backup files constantly growing in size. Therefore, we introduced a housekeeping mechanism to specify how long each Analysis should be preserved in the trash before being permanently deleted.



Scheduled analysis draft housekeeping

To further reduce the overall footprint of the application, 4.7.1 enables you to configure housekeeping for Analysis drafts. So far, the full draft history is persisted and written to the backup files. We implemented three new properties that can found in the updated config-custom.properties.sample file. By uncommenting them, you can now control:

- If draft housekeeping should be enabled
- How many drafts should be kept at minimum, regardless of their age
- How long historical drafts should be preserved

Additional resources

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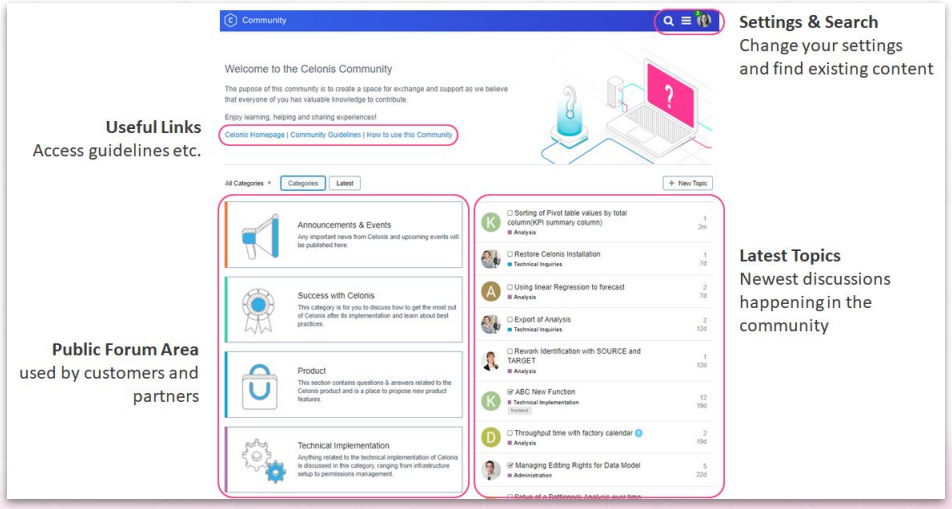
Help resources

celonis Community

community.celonis.com



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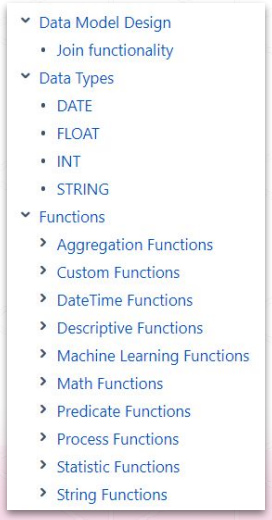
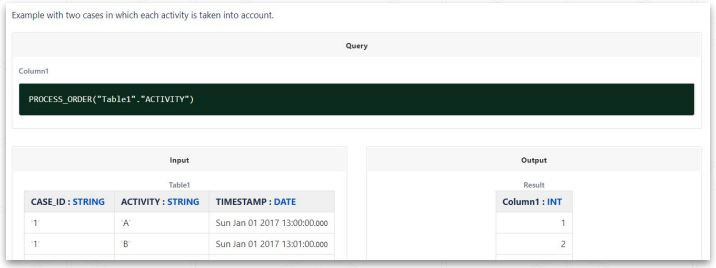
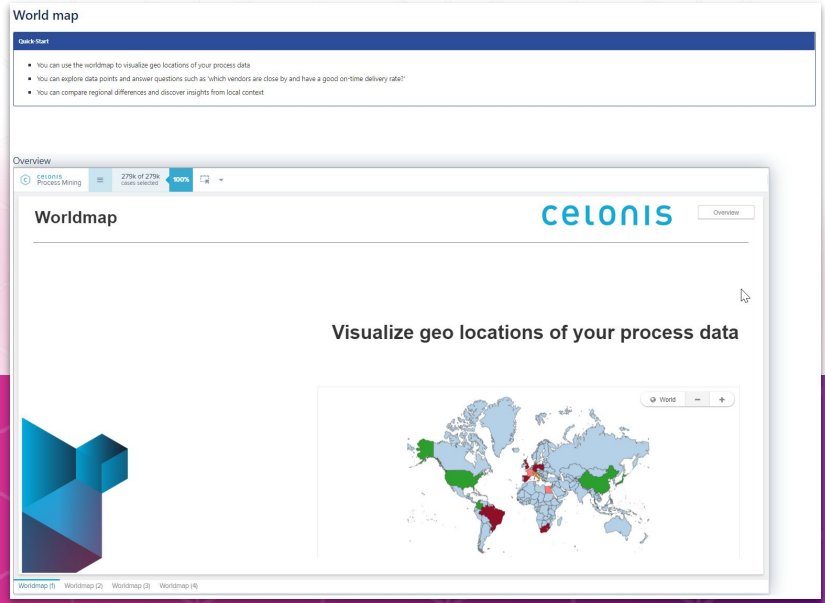
help.celonis.de







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