



# Release Notes

## IBM DOC 4.0.1 FP3

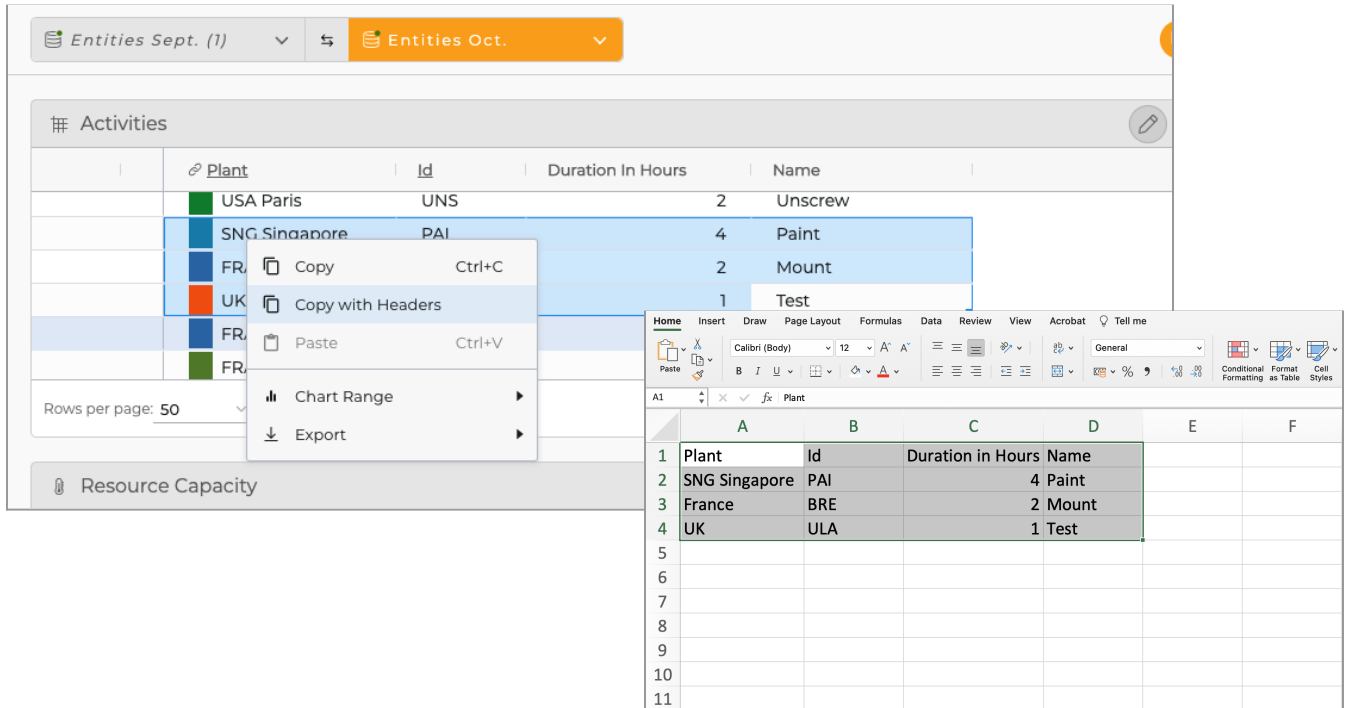
November 3, 2021

### Easy Data Edition through Excel Copy-Paste and More

This new DOC version significantly improves the data edition functionalities. It is now possible to copy-paste and export a range of cells from/to Excel.

Also, DOC now integrates the ag-grid enterprise license, unlocking handy functionalities, such as:

- Range Selection
- Undo/Redo



## Discover the Scenario Comparison

Compare scenarios and find out at a glance which data have changed.

**Activities Comparison**

Id	Plant	Duration In Hours		Name	
		S1	S2	S1	S2
00000001	001 001	0	2	Activity 0	Activity 2
00000002	002 002	2	1	Activity 2	Activity 1
00000003	003 003	0	1	Activity 0	Activity 1
00000004	004 004	1	0	Activity 1	Activity 0
00000005	005 005	0	2	Activity 0	Activity 2
00000007	007 007	2	0	Activity 2	Activity 0

**Countries Comparison**

Id	Name	
	S1	S2
001	Name 2	Name 7
002	Name 6	Name 1
003	Name 2	Name 3
004	Name 7	Name 9
005	Name 4	Name 3
006	Name 8	Name 2

## Manage your Scenarios with Folders, and Restore any Deleted Scenarios from the Trash Bin

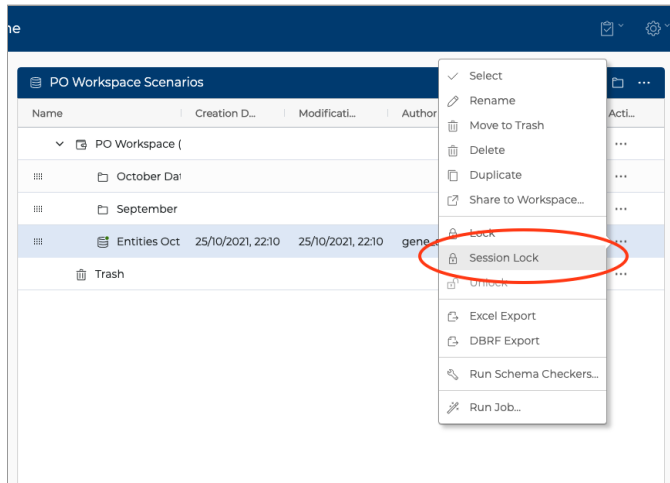
You can now create folders in the Workspace Scenario list to better organize your scenarios. Deleted scenarios are now moved to the trash bin, so that you can restore them in case of need.

**PO Workspace Scenarios**

Name	Creation Date	Modification Date	Author	Data Status	Acti...
PO Workspace (3)					...
October Data (2021)					...
Entities Oct.	25/10/2021, 22:10	25/10/2021, 22:10	gene_admin	Valid	...
September Data (2021)					...
Benchmarking					...
Patrice Datasets					...
Entities Sept. (1)	25/10/2021, 22:53	25/10/2021, 22:53	gene_admin	Valid	...
Trash (1)					...
Entities Sept. (2)	25/10/2021, 22:53	25/10/2021, 22:54	gene_admin	Valid	...

## Improve Concurrent Edition with the Possibility to Lock a Scenario

A new type of scenario lock called “Session Lock” is available: users can add a Session Lock to a scenario to avoid any modifications from other users. The system automatically unlocks the scenario after the user that created it logs out from the application.



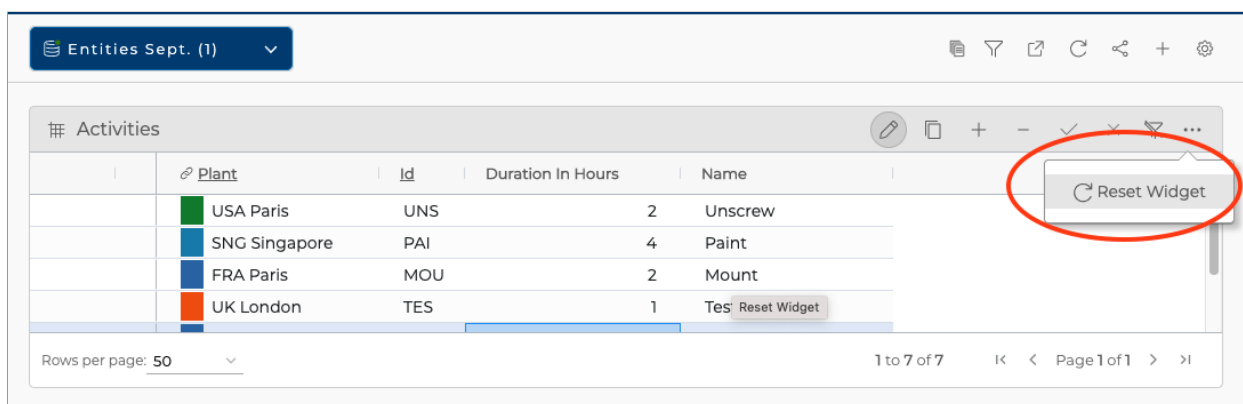
## Widget State API

With the Widget State API, the state of a widget (i.e. options to apply filters and selections or to run searches in the data) is now saved automatically and can be restored manually by the user. After manipulating the widget, users can navigate to other views/dashboards without fear of losing the settings of their widget.

The Widget State API allows saving the state by view, widget, and/or user.

The API is implemented in:

- Map widget sample
- Gene Scenario list
- Gene DataGrids.



### **Optimization Server 3.4.1**

The latest version of the optimization server, with improvements in performances, resource usage, and security with DBOS workers, is now included in DOC.

For more details about this new release, you can [click here](#).



## Bug Fixes

- DBPF-2757 Align Keycloak users
- DBPF-2814 Custom GraphQL query with scalar return type cannot be run with GeneDataApiService
- DBPF-2794 In a scaffolded app, there is one version that is not updated by "gradlew updateCode"
- DBPF-2792 Excel import issues are not logged with the right level in the import statement
- DBPF-2791 NgSelect close button interacts with Gridster
- DBPF-2789 Cannot edit LocalDate & LocalDateTime
- DBPF-2786 Partial save lost relations
- DBPF-2784 Edited value is no longer displayed if data grid is sorted or if we navigate in pages
- DBPF-2778 Gene Table - Missing header tooltip
- DBPF-2774 Discard modification does not leave edit mode
- DBPF-2771 Save on conflict modal has no effect
- DBPF-2769 Conflict modal is not displayed for some edition conflicts
- DBPF-2768 In Data Explorer when a table is hidden y default, the checkbox "Hide this Table" is not checked
- DBPF-2766 Session tracking limits and empty state
- DBPF-2764 Scenario List - Data Status column not available outside Home View
- DBPF-2762 Not refreshed Metrics in DataExplorer
- DBPF-2761 Error when looking at the Job Details
- DBPF-2759 Import Excel import columns with legacy name ex: COUNTRY\_ID
- DBPF-2756 Default value for Instant JDL type is missing Instant import
- DBPF-2755 Unable to add a row (data edition)
- DBPF-2754 Previously configured Data Explorer comes empty
- DBPF-2753 Scenario creation button not disabled for user not allowed to create one
- DBPF-2750 Issue markers in Data Explorer not showing in tables with only issues
- DBPF-2749 "Hide this table" initial value is wrong for tables hidden by default
- DBPF-2748 Confirming workspace deletion with Enter does not work
- DBPF-2747 Invalid dates in scenario timeline
- DBPF-2746 Navigation button loses its icon
- DBPF-2745 Duplicate option in Data Grid configurator?
- DBPF-2744 Empty scenario has status "unchecked"
- DBPF-2743 Changes in views configurator do not take effect
- DBPF-2742 Views configurator arrow buttons broken
- DBPF-2740 Valid Scenario despite Issues
- DBPF-2739 Javascript errors when running DBOS task that emits no KPIs
- DBPF-2734 Unsuccessful second connection to Mongo when launching backend service in Docker container
- DBPF-2733 Problem connecting to Mongo when using Docker images of scaffolded project

- DBPF-2731 Optimserver jobs not running on db-gene
- DBPF-2730 Job step chart, web socket event are not filtered by step
- DBPF-2729 Fix release build chain on gitlab
- DBPF-2703 Keycloak image restart fails
- DBPF-2685 Web image from the scaffolding crash at runtime
- DBPF-2674 The front-end incremental build is not correctly configured
- DBPF-2668 Build failing because of openApi server.url format (probably only reproduceable on windows)
- DBPF-2666 Conflict Dialog appears when there is no conflict
- DBPF-2663 Gene application menu not closed after click on menu item
- DBPF-2660 FeignException when calling getStatuses endpoint
- DBPF-2659 com.decisionbrain.dom.Main error when launched on Windows
- DBPF-2620 Add binary data test with PostgreSQL with TestContainers
- DBPF-2619 Build sequence for flyway resources
- DBPF-2618 NPE in CustomGraphQL Queries
- DBPF-2609 Gene custom menu does not close on menu item click
- DBPF-2608 Bad handling of omitted optional inputs to DBOS tasks
- DBPF-2607 Optional inputs to jobs are rejected when null is provided
- DBPF-2600 Error when opening data grid configurator with a custom controller
- DBPF-2588 Attempts to run a scheduled task fail to use the correct user
- DBPF-2580 Fake object created when importing entity with undefined relation
- DBPF-2566 Excel Mapping Crash on empty YML
- DBPF-2559 Exception when returning jobs list when filterOnUser = true
- DBPF-2555 Missing ellipsis for sub folders in navigation pane
- DBPF-2546 Unknow column while exporting a scenario
- DBPF-2542 It is impossible to unset alerts custom controller on data grid
- DBPF-2540 Owner and Modification user are always converted to System/System when importing app-config.json at startup
- DBPF-2539 Can't edit null integer
- DBPF-2534 "Delete view" menu item not disabled even when not permitted
- DBPF-2526 Add permissions manager path to the "no-workspace" routing guard
- DBPF-2524 Issues not reported when importing scenario through data integration
- DBPF-2518 [NPE] Data Integration export failure
- DBPF-2506 New workspace does not show up in selector
- DBPF-2505 Number of jobs indicator not refreshed automatically
- DBPF-2495 Potential Infinite loop in DBRF reader
- DBPF-2494 ImportScenarioStatement is not documented in the markdown doc
- DBPF-2491 NPE on gradlew generateJPAForce
- DBPF-2397 [Job List] java.lang.IndexOutOfBoundsException
- DBPF-2391 Index out of bounds when listing jobs
- DBPF-2374 Erroneous "output ignored" log on scenarios updated by DBOS tasks
- DBPF-2282 job list becomes gray and doesnt show anything