Release Notes
IBM DOC 4.0.1 FP2

July 12, 2021

New Features and Improvements

New Features

- **Tasks and Jobs Management Improvements:**
    - Add jobId in JobResult
    - Simplify activation of logs to debug permissions
    - Include KPIs notifications
    - Enhance the Job Details chart
    - Add and remove user locks on a scenario in scripted tasks

- **JDL Enhancements (4.0.1 FP2):**
    - Support new type into the JDL definition
        - String Length
        - Field Documentation
        - Default Values
        - Field(s) Uniqueness
    - Remove "Text" type
    - Add bounds restriction in the data edition
    - Add bounds restriction to the metamodel

- **Session tracking**

- **Security Improvements:**
    - Rework dependences to remove security threats
    - Protect IBM DOC UI against XSS and X-Frame with CSP

- **Soft data model improvements:**
    - Include basic data checkers
    - Display the basic data checking issues
    - Allow for concurrent runs of the schema checkers

- **Data & Scenario Services**
    - Add status for scenarios
    - Give progressively numbered names to different copies of a single scenario
    - Performances improvements

- **Improve the User Interface Widgets**
    - Improve Scenario List widget
    - Improve Scenario Picker widget
    - Improve Datagrid widget to display issues
    - Improve Data Explorer widget
    - Add the compact mode for table views
    - Add navigation target to the KPI widget

- ○ Trigger the checker tasks from the scenario list, scenario picker views, and dashboard toolbar
- ○ Add an app preference to choose whether to collapse or expand the view hierarchy

- **Improve the Extensibility**
  - ○ Instant API - use milliseconds
  - ○ Add a specific custom controller for the scenario list
  - ○ Add the status APIs for the scenario service
  - ○ GenerateJPAForce does not override Flyway script
  - ○ Support new JDL capabilities (bounds, etc.) in the MetaModel
  - ○ Improve the customization of the ExcelDataSourceConsumer

- **Improve the Documentation**
  - ○ Include checkers API
  - ○ Replace comments in Dockerfile to show how to use CPLEX base images

Bug Fixes

- DBPF-2757 Align Keycloak users
- DBPF-2814 Custom GraghQL 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 caling 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