



Release Notes

IBM DOC 4.0.1 FP1

March 23, 2021

New Features and Improvements

Gitlab Migration

DBOS 3.2.2

Data Integration API:

Give a generic API to import data to a scenario

- Replace Excel DataSource with DBRF Datasource for data integration export
- Implement data integration library
- Implement Simple Excel data source
- Implement SQL data source
- Implement CRF data source
- Implement SQL consumer
- Implement CRF consumer
- Implement data service client to import a datasource in the DB
- Implement data service client to export the DB with a consumer
- DataSource Consumer Documentation

Soft Data Model:

Allow for importing data with logical errors

Simplified Access Control System:

Improve the way permission rules are assigned to application elements

Folders API

Create an API to group scenarios in folders within a workspace

Trash API

Create an API to optionally move scenarios in a trash can instead of deleting them

Web UI Improvements

- Kpi Widget - Click Handler in controllers
- Web Application Extensibility (Application Controllers)

Migration to Angular 11 & Clarity 5

Performance & Concurrency Improvements

Documentation improvements

Bug Fixes

- [DBPF-247] - SonarQube Template issue
- [DBPF-785] - GraphQLCustomDataSource breaks standard queries (?)
- [DBPF-922] - Application Configuration view broken
- [DBPF-955] - Data-service exception
- [DBPF-958] - Excel export does not work
- [DBPF-1013] - Pivot Table loose its configuration when switching between dashboards
- [DBPF-1095] - Double encapsulation into RoutineExecutionException
- [DBPF-1129] - "No Job Monitor found" exception
- [DBPF-1149] - In a scaffolded app, yarn_build runs even if not needed
- [DBPF-1222] - Task Button Regression - Configurator no longer working
- [DBPF-1244] - Missing Error logs when a routine fails
- [DBPF-1393] - Views & Dashboard order in Sidebar not working
- [DBPF-1436] - Import DBRF fails because of missing file
- [DBPF-1444] - Reset app configuration from file not responding
- [DBPF-1690] - In case of InvocationTargetException in a routine, the exception is not logged and thus very hard to debug
- [DBPF-1761] - canExecute() and similar methods should type their arguments to only apply to tasks
- [DBPF-2095] - Missing dependency on DOM Generator in our build scripts
- [DBPF-2101] - Aircraft Maintenance checker fails
- [DBPF-2190] - Execution service complex tests sometimes time out erroneously (on Jenkins)
- [DBPF-2263] - Numeric outputs of DBOS tasks are seen as Integers, not as Longs
- [DBPF-2268] - WebClient - Keycloak Secret configuration missing
- [DBPF-2280] - Cannot build application with 2 entities having the same 31 first characters
- [DBPF-2283] - JavaScript injection possible in datagrid
- [DBPF-2287] - Postgres Partition service not loaded
- [DBPF-2306] - Temporal inputs to routines fail to deserialize
- [DBPF-2309] - Gene tasks do not take into account calls to "reject()" in DBOS tasks
- [DBPF-2310] - Permission Group - Infinite Spinner when no PG
- [DBPF-2311] - Job Details - Log download button missing in dialog
- [DBPF-2318] - Aggregation query API and date fields
- [DBPF-2323] - OpenAPI DataService - Missing Response Description
- [DBPF-2327] - Java Headless with deployment images
- [DBPF-2328] - When user has no ACCESS + APPLICATION_PREFERENCES -> saveUserPreferences fails in the web UI
- [DBPF-2333] - Simple Excel Export - Missing empty Sheets
- [DBPF-2335] - Dead link in documentation
- [DBPF-2337] - Views Dashboard Toolbar not refreshed
- [DBPF-2354] - when a new table is added in the database, it doesnt appear in the data explorer config

- [DBPF-2362] - filter doesnt work on boolean columns in data grid
- [DBPF-2365] - The orange badge has strange color (regression)
- [DBPF-2366] - [Meta API] returnType of custom queries is null
- [DBPF-2368] - Scenario locks must be cancellable by a user with high privileges
- [DBPF-2369] - Css regression : Scenario/workspace Picker not closed/visible over modal overlay
- [DBPF-2370] - Views configurator delete view behavior
- [DBPF-2376] - Multi-line log in job log is broken
- [DBPF-2377] - broken links in python workers documentation
- [DBPF-2382] - [python worker] bad environment in gradle task pythonRun
- [DBPF-2384] - Next page on data-grid does not work
- [DBPF-2386] - Excel Import Crash
- [DBPF-2387] - Change createFolder endpoint definition
- [DBPF-2389] - Empty Chart on Date Categories
- [DBPF-2390] - Duplicate Scenario Exception
- [DBPF-2393] - Error 500 when creating a permission group
- [DBPF-2394] - Delete folder causes NullPointerException
- [DBPF-2396] - [Application Controller] GeneApplicationMenu undefined icon/ title/ label
- [DBPF-2400] - [Application Controller] Menus layout broken when items have subMenuItems
- [DBPF-2401] - README file of scaffolded app out-of-date wrt gene-model sub-dirs
- [DBPF-2402] - Only workspaceId is considered when filtering scenarios, folderId is ignored
- [DBPF-2403] - [Application Controller] customizeViewDashboardToolbar
- [DBPF-2404] - Errors in web console on Create workspace
- [DBPF-2406] - Replace Date by Instant in the RecordEntry of the data integration API
- [DBPF-2408] - Trash API needs a few fixes
- [DBPF-2409] - import DBRF fail
- [DBPF-2411] - Permission on scenario are not enforced
- [DBPF-2412] - Data edition empty string is set to null
- [DBPF-2413] - Editable flag is not respected for relationship columns
- [DBPF-2418] - Consumer API - Illegal Argument Exception
- [DBPF-2419] - Consumer - null values not emitted
- [DBPF-2420] - Data explorer grid options malfunction
- [DBPF-2436] - Move scenario under a folder is not working
- [DBPF-2439] - Gradle errors with JDK 15
- [DBPF-2441] - Conflict Editor is not displayed
- [DBPF-2444] - When validating the "New workspace" modal with (whatever +) Enter, no workspace is created
- [DBPF-2446] - Text file output download fails
- [DBPF-2447] - On the import task, change routine output type to File instead of text
- [DBPF-2450] - The scaffolded ".env" points to documentation of DBOS 3.2.1 but we are using DBOS 3.2.2

- [DBPF-2452] - DBOS master fails to connect to RabbitMQ on port 61613 (stomp)
- [DBPF-2453] - In job details, the Errors tab is visible even when the job completes normally
- [DBPF-2454] - Javadoc links no longer available in documentation
- [DBPF-2456] - Move scenario to a folder that is not under the same workspace raises an exception but does the update anyway
- [DBPF-2457] - Export then Import with "SimpleExcel" + mapping file does not work
- [DBPF-2461] - Pie Chart not working when migrating
- [DBPF-2465] - Importing a Scenario triggers automatic download
- [DBPF-2467] - saveSnapshot does not save all the collector when no consideredClasses provided
- [DBPF-2470] - Compilation error when a primary key field is Boolean
- [DBPF-2471] - Error Message When running new job
- [DBPF-2475] - Import-export task names are inconsistent
- [DBPF-2480] - Scenario remains locked after creation
- [DBPF-2484] - Conflict Detector: Exception with BK having Instant Field
- [DBPF-2495] - Potential Infinite loop in DBRF reader