meta analysis

Release Note

www.meta-analysis.fr

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1. PREAMBLE

This document presents the developments as well as the fixes carried out on the versions of Meta Analysis.

2. VERSION: 7.1

FEATURES

- Added scalable impact analysis
- Ability to define the order of metadata types in the portal

FIXES AND OPTIMIZATIONS

- Optimization of CSV imports with ancestry

3. VERSION: 7.1.1

Date: **October 2022**

FEATURES

- Added customizable help
- Ability to filter domains in the portal menu
- Ability to sort lists of values alphabetically or ordered by the administrator

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Date: **June 2023**

FEATURES

- GUI redesign

- Adding tasks

- Adding tags

- Removal of static impact analysis

- Added backup and sharing of an impact analysis

- Optimization of the connectivity import engine

- Simplifying the search

- Ability to change domain from the advanced module menu

- Limit searches to 125 characters.

- Moving metadata after deleting a domain

- Non-interpretation of html in "Character string" and "multi-line text" type fields (security)

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5.VERSION : 7.2.1

Date: **August 2023**

WARNINGS

Changing agent settings

You need to modify the ConnectionString of the appsetting.Production.json of the connectivity agent.

```
" ConnectionStrings ": {
        " LiteDb ": " Filename= database.db;Connection = Shared;Password = pwd "
}
```

This modification follows the update of LiteDb to version 5

FEATURES

- Adding reference data for a metadata type or association type
- Application of filtered domains in the portal for the home page

> ### a. Build : 20231122.1

Date: **November 22, 2023**

FIXES AND OPTIMIZATIONS

- [MA7-1341][MA7-1394][MA7-1395][MA7-1463][MA7-1480] Management of the hyphen of 6 in the search engine
- [MA7-1369] Create a user with a login with the same restrictions as Active Directory
- [MA7-1411][MA7-1412] - Managing data quality graphs
- [MA7-1417] Management of carriage returns and HTML tags
- [MA7-1418] False history when updating a Workflow on data
- [MA7-1436] Domain change in Advanced Module
- [MA7-1446][MA7-1457][MA7-1483][MA7-1487] Impact analysis: Scroll in the settings window
- [MA7-1447] Fields in automatic update - Context refresh problem
- [MA7-1448] Editing metadata - Default value on a field
- [MA7-1451] Field automatically updated - Problem related to imports
- [MA7-1464] Sheets and children subscription
- [MA7-1465] Offset action buttons in a form which makes the buttons inactive
- [MA7-1466] [7.2.1] CSV file integration problem (Data quality control association - Application information + quality threshold)
- [MA7-1469] Pb Snowflake connectivity
- [MA7-1477] Task creation
- [MA7-1486] Display bug in the portal

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- [MA7-1488] Display problem in setting List Values
- [MA7-1497] Impact analysis - Expand a dependency - Sorting problem
- [MA7-1500] Simple Search - "Close" button bug on several consecutive searches
- [MA7-1505] Impact analysis - "Backspace " bug following sequence of screens
- [MA7-1510] Fixed Meta Analysis slowness
- [SQL SERVER] Missing tables in Stored Procedure analysis
- [Talend] Problem scanning files

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Date: **December 2023**

<u>WARNINGS</u>

This version requires .NET6 to be installed

<u>FEATURES</u>

- Managing field categories: Meta Analysis now offers the ability to add field categories in the application. They will allow you to refine user rights.

- Usage statistics: the administration module offers you the possibility of viewing the number of users, connection time as well as the number of sessions in the application. The data stored is more complete than that presented.

- Selection of the start page: Depending on their needs, each user will be able to choose the page on which they will arrive when connecting between the simple search, the dashboard or a list of metadata in the advanced module.

- Saving the default portal domains for the user

<u>FIXES AND OPTIMIZATIONS</u>

- [MA7-1341][MA7-1394][MA7-1395][MA7-1463][MA7-1480] Management of the hyphen of 6 in the search engine
- [MA7-1369] Create a user with a login with the same restrictions as Active Directory
- [MA7-1411][MA7-1412] - Managing data quality graphs
- [MA7-1418] False history when updating a Workflow on data
- [MA7-1446][MA7-1457][MA7-1483][MA7-1487] Impact analysis: Scroll settings window
- [MA7-1451] Field automatically updated - Problem related to imports
- [MA7-1465] Offset action buttons in a form which makes the buttons inactive
- [MA7-1466] [7.2.1] CSV file integration problem (Data quality control association - Application information + quality threshold)
- [MA7-1469] Pb Snowflake connectivity
- [MA7-1477] Possibility of creating a task with a wrong date
- [MA7-1486] Display bug in the portal
- [MA7-1488] Addition: Problem displaying long descriptions in the application
- [MA7-1488] Display problem in the List Values setting
- [MA7-1497] Impact analysis - Expand a dependency - Sorting problem
- [MA7-1505] Impact analysis - "Backspace " bug following screen sequence
- [MA7-1500] Simple Search - "Close" button bug on several consecutive searches
- [MA7-1510] Fixed Meta Analysis slowness
- SQL Server: Missing Tables in Stored Procedure Analysis

- CONNECTIVITY

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- Oracle, ODI, Genio : Modification of the configuration of connections to Oracle databases, the server instance has become the description of the connection described in the tnsnames.ora file .
  Example: My_Alias =(DESCRIPTION =(ADDRESS_LIST =(ADDRESS = (PROTOCOL = TCP)(HOST = XXXX)(PORT = XXXX)))(CONNECT_DATA =(SID = My_Alias)))
  Existing schedules are impacted. To make changes to these schedules, please contact support.

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7.VERSION: 7.3.1

a. Build : 24016.1

Date: **February 5, 2024**

WARNINGS

Changing agent settings

You must add the parameter to the appsetting file (Staging|Production). json of the connectivity agent.
" ConnectivityDirectory ": "c:\\Files",

FEATURES

- Simple search has been improved to make it easier for users to access information
  - More flexibility and relevance in results when multiple words are searched
  - Performance Improvement: Searching for suggestions is now asynchronous and results are displayed on-demand, making it quicker to display exact results.

- Optimization of display and saving of metadata and associations.
- Standardization of the color of alert messages
- Updated help in French and English

CONNECTIVITY

- Stambia
- Azure Dedicated SQL Pool (datawarehouse)
- Azure Datalake Gen 2
- PowerBI
  - PowerQuery M elements
  - Taking into account non-downloadable PBIX files [MA7-1493]

FIXES AND OPTIMIZATIONS

- [MA7-630] Display of the "automatic" label on a field which does not have automatic UPDATE
- [MA7-1181] CSV import: Added a message in case of duplicate lines.
- [MA7-1341][MA7-1394][MA7-1395][MA7-1463][MA7-1480] Management of the hyphen of 6 in the search engine

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- [MA7-1417] Management of carriage returns and HTML tags in text fields
- [MA7-1447] Fields in automatic update - Context refresh problem
- [MA7-1448] Editing metadata - Default value on a field
- [MA7-1471] Metadata Lists - Unsorted Groupings
- [MA7-1489] Impact of secondary language translations on the main language - The workflow is no longer impacted by editing metadata in secondary languages.
- [MA7-1500] Simple Search - "Close" button bug on several consecutive searches
- [MA7-1513] Desynchronization of ReportXX tables
- [MA7-1520] Restoring AD Groups that are no longer synchronized
- [MA7-1529] SQL Server connectivity - Taking into account case sensitive bases.
- [MA7-1542] Search for a concept containing numbers.
- [MA7-1553] Search on the number of a control
- [MA7-1556] Power BI connectivity - WH vs BDD concerns - Taking into account connections to a Snowflake database .
- [MA7-1568] Simple Search - Bug 2/2 - search with label containing 1 letter word

- Metadata fields:
  - Removing the translatable parameter displayed for the predefined list
  - Applying self-associations removes the main display
  - "Main Display" fields invisible in edit mode
  - Ability to create a field with a default value of blank or space
- The association tab of the advanced module no longer loads on the first page load
- The creation of a task is done in duplicate
- Reference data icons and association "plus" icon are no longer displayed
- Impact analysis
  - Impact Analysis Backup: Duplicate display of associations after loading a backup
  - Problem with gatherings
- Main display not hidden in the configuration of the fields of an association
- Auto-completion does not work on metadata with multiple main fields.
- Automatic CSV:
  - 404 error when closing a schedule
  - Unnecessary Validate action button in edit box
- CSV import:
  - User profile button missing after a CSV import
  - When downloading a file, it is not possible to delete it.

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b. Build : 24037.1

Date: **February 26, 2024**

FIXES AND OPTIMIZATIONS

- [MA7-1463] Advanced Search - Problem with searches containing a "-" (dash of 6)
- [MA7-1481] Reduced impact analysis display area
- [MA7-1537] Close Button - Bug in some screens
- Snowflake data sources
- [MA7-1557] Power BI - take into account the page visibility attribute
- [MA7-1565] Simple Search - Results show HTML tags
- [MA7-1566] [Default Domain] Added more Domains for users
- [MA7-1570] Power BI - Object missing during analysis
- [MA7-1572] Rights management anomaly on an impact analysis
- [MA7-1588] Anomaly in usage graphs by date
- [MA7-1593] certain closing button not functional

- Connection:
  - Taking into account all domains in the portal home page if no default role is selected.
- Research :
  - Removed HTML formatting from search result descriptions and analytics report
- Impact analysis:
  - Correction on access rights/deletion of backups
- Advanced module:
  - Correction on filters for Boolean and list of values type fields.
- Connectivity:
  - Stambia: Improved connectivity [MA7-1577][MA7-1578][MA7-1579][MA7-1580]

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c. Build : 24079.1

Date: **April 3, 2024**

FEATURES

- Installation under Linux

FIXES AND OPTIMIZATIONS

- Bug: Correction on saving associations
- [MA7-1591] Advanced search functionality
- [MA7-1565] Simple Search - Results show HTML tags
- [MA7-1537] problem with the Close button in certain pages.

- Connectivity
  - MySQL: New connectivity
  - Snowflake :
    - Taking into account passwords with a ;
  - Stambia:
    - Warning message if user-defined context is not present.
  - Painting :
    - Blocking the creation of a duplicate schedule if the versions used are different.
  - SQLServer:
    - Fix for Azure database recovery.

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d. Build : 24142.1

Date: **May 22, 2024**

FIXES AND OPTIMIZATIONS

- [MA7-1441] Ergonomics problem: responsive left menu
- [MA7-1452] Not all domains in the portal list are accessible when there are a large number of them
- [MA7-1636] Wrong error message in impact analysis on deletion of an association
- [MA7-1654] Display of impact analysis parameters incomplete
- [MA7-1663] Windows SSO authentication - "Profile" menu - Start page cannot be configured
- [MA7-1668] "Multivalued" value lists - deletion problem when editing the detailed file
- [MA7-1669] Fix multiple value deletion in lists
- [MA7-1670] List of values - Deleting a value = Loop loading

- Connectivity:
  - SSIS: New Connectivity
  - SAP BO IDT: New Connectivity
  - SAP BO Universe: Correction of the RPC error
  - SAP BO Document: Improvement in case of BO server error
  - Stambia: Modification of the metadata used for the restitution of elements [MA7-1574].
  - SAP BODS: New Connectivity
  - SQL Server: [MA7-1623] Unable to import databases with a '-'

e. Build : 24142.15

Date: **June 10, 2024**

FIXES AND OPTIMIZATIONS

- Profile view: loading time zones in the background
- External authentication (ADFS, Azure AD, OpenID): definition of claims in the appsetting configuration file .

- Connectivity:
  - Big Query : New connectivity
  - Snowflake : Changing settings between server and account
  - DataVisualisation : Fixes for element selection during planning

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f. Build : 24163.16

Date: **July 4, 2024**

FIXES AND OPTIMIZATIONS

- [MA7-1679] License control for the metadata types offered on the start page
- [MA7-1685] Correction on email notifications
- [MA7-1693] Fix calculation of lists of values for languages without translation
- [MA7-1713] Taking empty fields into account when calculating report tables
- Fix redirection on simple search links
- OpenID authentication : setting up disconnection
- Tasks: Correction and improvement of ergonomics
- Comment: Correction and improvement of ergonomics

- Connectivity:
  - Planning :
    - [MA7-1608] Schedule execution blocked
  - SAP BO Document:
    - [MA7-1717] [MA7-1703] Random error while parsing documents
    - [MA7-1706] Unable to schedule a root folder
  - SAP BO Universe:
    - [MA7-1707] Encoded special characters
    - [MA7-1688] Increased processing timeout
  - SAP BO IDT:
    - [MA7-1694] Correction for taking into account table aliases

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a. Build : 24184.3

Date: **July 16, 2024**

WARNING :

WARNING: Changing the Meta Analysis settings

You must add settings to the Meta Analysis appsetting.Production.json file. For each connection " OpenIDConnect ", " AzureAd ", "ADFS" add the parameters "Active", " ClaimTypeEmail ", " ClaimTypeGivenName ", " ClaimTypeSurname ", " ClaimTypeGroup " Example :
" OpenIDConnect ": { //Azure
"Active": "true",
" ClientId ": "",
" ClientSecret ": "",
"Issuer": "",
" PostLogoutRedirectUri ": "https://xxx.meta-analysis.biz/Account/login?logout = true",
"Scope": " openid email full_profile ",
" ClaimTypeEmail ": "http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress",
" ClaimTypeGivenName ": "http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname",
" ClaimTypeSurname ": "http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname "
,
" ClaimTypeGroup ": " http://schemas.microsoft.com/ws/2008/06/identity/claims/role "
},
" AzureAd ": {
"Active": "false",
"Instance": "",
"Domain": "",
" TenantId ": "",
" ClientId ": "",
" CallbackPath ": "",
" PostLogoutRedirectUri ": "",
" ClientSecret ": "",
" ClaimTypeEmail ": " preferred_username ",
" ClaimTypeGivenName ": "",
" ClaimTypeSurname ": "name",
" ClaimTypeGroup ": ""
},
"ADFS": {
"Active": "false",
" Wtrealm ": "",

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```
" MetadataAddress ": "",
"                                 ClaimTypeEmail                                ":
"http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress",
"                                 ClaimTypeGivenName                            ":
"http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname",
" ClaimTypeSurname ": "http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname "
,
    " ClaimTypeGroup ": "Group"
},
```

FEATURES

- Exporting metadata and associations

- Search with AI

- Using APIs

- Usage statistics: taking into account API usage

- Ability to hide environment and version label

- [MA7-1695] Displaying the html of a Rich Text on associations - Portal metadata sheet

- [MA7-1450] Modification of the rights necessary for the deletion of associations

- Connectivity:

  - Planning :

    - In databases and ETL, the save button is not grayed out when no element is selected

    - Ability to import schedules identical to those already planned

b. Build : 24205.7

Date: **July 25, 2024**

FIXES AND OPTIMIZATIONS

- MA7-1718] Timestamp inconsistency via CSV import vs HMI
- [MA7-1708] List of values becomes deselected when trying to save with an unfilled mandatory list of value field
- [MA7-1887] Error when duplicating a concept
- Association: Application of new rights rules for editing and deletion

- Connectivity:
  - SAP BO Document:
    - Error handling if a problem occurs while connecting to the server

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c. Build : 24226.2

Date: **August 14, 2024**

FIXES AND OPTIMIZATIONS

- Changing the behavior of the search bar label
- Portal home page: review of the display of "My Exports"
- Excel export: Taking into account grid filters in the advanced module and the list of metadata accessible from the counter on the portal home page.

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