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1 - version 1.5.1 or later - for updating the enviroment from a software version
previous to 1.5.1 the following steps must be done:
2 1) execute the following query in the AUTHDB:
3 DELETE FROM AUTH_DB_CONNECTION;
4 DELETE FROM AUTH_CONNECTION_STRING;
5
6 2) save the node from the Node - Configuration page
7
8 - for updating the enviroment from a software version previous to 1.5.3 the
main\files\UpdateScript\DDB_UpdateVers1.5.3.sql script must be executed in the DDB.
9 The same script should be executed when using a version previous to 1.5.3 with
datasets with not annual frequency referencing year 2021 or later.
10
11 - for updating the enviroment from a software version previous to 1.8.0 the
main\files\UpdateScript\AUTHDB_UpdateVers1.8.0.sql script must be executed in the
AUTHDB.
12
13 - version 1.9.0 introduces some breaking changes in configurations and databases.
This steps must be followed to update a previous MDM version:
14 - scripts DDB_UpdateVers1.9.0.sql, RMDB_UpdateVers1.9.0 and
MSDB_UpdateVers1.9.0.sql must be executed in the correspondent DB
15 - file main\app\ws\NODE_API\config\nodesConfigDefault.json must be added
16 - in main\app\ws\NODE_API\appsettings.json the following lines must be added at
base level:
17
18 "NODES_DEFAULT_CONFIG_PATH": "config/nodesDefaultConfig.json",
19
20 "PasswordRequiredLength": 12,
21 "PasswordRequireNonAlphanumeric": true,
22 "PasswordRequireNonAlphanumericChars": "$@!*%*?&",
23 "PasswordRequireLowercase": true,
24 "PasswordRequireUppercase": true,
25 "PasswordRequireDigit": true,
26 "PasswordCheckUserid": true,
27 "PasswordCheckPrevious": true
28
29 - in main\app\ws\NODE_API\config\appConfig.json the following line must be added
in "User Interface" section:
30
31 "DefaultSidebar2ndLevelMenu": false,
32
33 - Nodes' configuration should be redefined from scratch deleting all existent
nodes.
34 Alternatively in main\app\ws\NODE_API\config\nodesConfig.json nodes' annotation
configuration section must be changed with the following lines:
35
36 "Annotations": {
37 "HaveMetadata": {
38 "Id": "HAVE_METADATA",
39 "Type": "HAVE_METADATA"
40 },
41 "DDBDataflow": {
42 "Id": "DDBDataflow",
43 "Type": "DDBDataflow"
44 },
45 "Metadataset": {
46 "Id": "AssociatedMetadataSet",
47 "Type": "AssociatedMetadataSet"
48 },
49 "AssociatedCube": {
50 "Id": "AssociatedCube",
51 "Type": "AssociatedCube"
52 },
53 "CustomDSD": {
54 "Id": "CustomDSD",
55 "Type": "CustomDSD"
56 },
57 "Changed": {
58 "Id": "CHANGED",
59 "Type": "CHANGED"
60 },
61 "LayoutRow": {
62 "Id": "LAYOUT_ROW",
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63     "Type": "LAYOUT_ROW"
64 },
65 "LayoutColumn": {
66     "Id": "LAYOUT_COLUMN",
67     "Type": "LAYOUT_COLUMN"
68 },
69 "LayoutRowSection": {
70     "Id": "LAYOUT_ROW_SECTION",
71     "Type": "LAYOUT_ROW_SECTION"
72 },
73 "LayoutFilter": {
74     "Id": "LAYOUT_FILTER",
75     "Type": "LAYOUT_FILTER"
76 },
77 "NotDisplayed": {
78     "Id": "NOT_DISPLAYED",
79     "Type": "NOT_DISPLAYED"
80 },
81 "FullName": {
82     "Id": "FULL_NAME",
83     "Type": "FULL_NAME"
84 },
85 "Default": {
86     "TimePeriodStart": "TIME_PERIOD_START",
87     "TimePeriodEnd": "TIME_PERIOD_END",
88     "LastNObservation": "LASTNOBSERVATION",
89     "LastNPeriod": "LASTNPERIOD",
90     "Id": "DEFAULT",
91     "Type": "DEFAULT"
92 },
93 "ConceptSchemesOrder": {
94     "Id": "ORDER",
95     "Type": "ORDER"
96 },
97 "CategorySchemesOrder": {
98     "Id": "ORDER",
99     "Type": "ORDER"
100 },
101 "CodelistsOrder": {
102     "Id": "ORDER",
103     "Type": "ORDER"
104 },
105 "CategorisationsOrder": {
106     "Id": "ORDER",
107     "Type": "ORDER"
108 },
109 "AttachedFilePath": {
110     "Id": "ATTACHED_FILE_PATH",
111     "Type": "ATTACHED_FILE_PATH"
112 },
113 "RestrictedForPublication": {
114     "Id": "RESTRICTED_FOR_PUBLICATION",
115     "Type": "RESTRICTED_FOR_PUBLICATION"
116 },
117 "DCAT_IsMultilingual": {
118     "Id": "SDMX21_IsMultilingual",
119     "Type": "SDMX21_IsMultilingual"
120 },
121 "CustomIsPresentational": {
122     "Id": "CUSTOM_IS_PRESENTATIONAL",
123     "Type": "CUSTOM_IS_PRESENTATIONAL"
124 },
125 "LayoutDataflowKeywords": {
126     "Id": "LAYOUT_DATAFLOW_KEYWORDS",
127     "Type": "LAYOUT_DATAFLOW_KEYWORDS"
128 },
129 "LayoutCriteriaSelection": {
130     "Id": "LAYOUT_CRITERIA_SELECTION",
131     "Type": "LAYOUT_CRITERIA_SELECTION"
132 },
133 "LayoutAttachedDataFiles": {
134     "Id": "LAYOUT_ATTACHED_DATA_FILES",
135     "Type": "LAYOUT_ATTACHED_DATA_FILES"

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136 },
137 "LayoutDefaultPresentation": {
138   "Id": "LAYOUT_DEFAULT_PRESENTATION",
139   "Type": "LAYOUT_DEFAULT_PRESENTATION"
140 },
141 "LayoutDecimalSeparator": {
142   "Id": "LAYOUT_DECIMAL_SEPARATOR",
143   "Type": "LAYOUT_DECIMAL_SEPARATOR"
144 },
145 "LayoutNumberOfDecimals": {
146   "Id": "LAYOUT_NUMBER_OF_DECIMALS",
147   "Type": "LAYOUT_NUMBER_OF_DECIMALS"
148 },
149 "LayoutReferenceMetadata": {
150   "Id": "LAYOUT_REFERENCE_METADATA",
151   "Type": "LAYOUT_REFERENCE_METADATA"
152 },
153 "LayoutEmptyCellPlaceholder": {
154   "Id": "LAYOUT_EMPTY_CELL_PLACEHOLDER",
155   "Type": "LAYOUT_EMPTY_CELL_PLACEHOLDER"
156 },
157 "LayoutDataflowNotes": {
158   "Id": "LAYOUT_DATAFLOW_NOTES",
159   "Type": "LAYOUT_DATAFLOW_NOTES"
160 },
161 "LayoutMaxTableCells": {
162   "Id": "LAYOUT_MAX_TABLE_CELLS",
163   "Type": "LAYOUT_MAX_TABLE_CELLS"
164 },
165 "LayoutTerritorialDimensionIds": {
166   "Id": "LAYOUT_TERRITORIAL_DIMENSION_IDS",
167   "Type": "LAYOUT_TERRITORIAL_DIMENSION_IDS"
168 },
169 "LayoutDataflowSource": {
170   "Id": "LAYOUT_DATAFLOW_SOURCE",
171   "Type": "LAYOUT_DATAFLOW_SOURCE"
172 },
173 "LastUpdate": {
174   "Id": "LAST_UPDATE",
175   "Type": "LAST_UPDATE"
176 },
177 "LinkedDataflowNode": {
178   "Id": "LINKEDDATAFLOWNODE",
179   "Type": "LINKEDDATAFLOWNODE"
180 },
181 "DataflowCatalogType": {
182   "Id": "DataflowCatalogType",
183   "Type": "DataflowCatalogType"
184 },
185 "LayoutChartPrimaryDim": {
186   "Id": "LAYOUTCHARTPRIMARYDIM",
187   "Type": "LAYOUTCHARTPRIMARYDIM"
188 },
189 "LayoutChartSecondaryDim": {
190   "Id": "LAYOUTCHARTSECONDARYDIM",
191   "Type": "LAYOUTCHARTSECONDARYDIM"
192 },
193 "LayoutChartFilter": {
194   "Id": "LAYOUTCHARTFILTER",
195   "Type": "LAYOUTCHARTFILTER"
196 },
197 "LayoutDataflowHidden": {
198   "Id": "DATAFLOW_HIDDEN",
199   "Type": "DATAFLOW_HIDDEN"
200 },
201 "TemporalDimOrder": {
202   "Id": "TEMPORAL_DIM_ORDER",
203   "Type": "TEMPORAL_DIM_ORDER"
204 },
205 "DisabledViewers": {
206   "Id": "DISABLED_VIEWERS",
207   "Type": "DISABLED_VIEWERS"
208 },
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209     "TableLockedDims": {
210         "Id": "TABLE_LOCKED_DIMS",
211         "Type": "TABLE_LOCKED_DIMS"
212     },
213     "GraphLockedDims": {
214         "Id": "GRAPH_LOCKED_DIMS",
215         "Type": "GRAPH_LOCKED_DIMS"
216     },
217     "HCLReference": {
218         "Id": "@SDMX",
219         "Type": "HIER_CONTEXT"
220     }
221 },
222
223     Personalization of the configuration must be reported properly. Please note that
224     annotation's type for LinkedataflowNode is now LINKEDDATAFLOWNODE.
225
226 - version 2.0.0 introduces a new technological upgrade (.NET 6.0), new features and
227 plugin management. To update MDM version, follow these steps:
228     - install .NET Core Runtime and the ASP.NET Core Module 6.0 in order to allow
229     ASP.NET Core app to run with IIS. Download and execute Hosting Bundle 6.0.20 from:
230
231     https://dotnet.microsoft.com/en-us/download/dotnet/thank-you/runtime-aspnetcore-6.
232     0.20-windows-hosting-bundle-installer
233
234     - run scripts AUTHDB_UpdateVers2.0.0.sql in AUTHDB
235     - run scripts DDB_UpdateVers2.1.4.sql in DDB
236
237 - Nodes' configuration should be redefined from scratch deleting all existent
238 nodes.
239
240 Otherwise, in main\app\ws\NODE_API\config\nodesConfig.json:
241
242 - add the following lines at the end of the "Annotations" section of each node:
243
244 "Annotations": {
245     "DDBContentConstraint": {
246         "Id": "DDB_CONTENT_CONSTRAINT",
247         "Type": "DDB_CONTENT_CONSTRAINT"
248     },
249     "AnticipationExceedingMaxNumRecords": {
250         "Id": "ANITICIP_EXCEEDING_MAX_NUM_REC",
251         "Type": "ANITICIP_EXCEEDING_MAX_NUM_REC"
252     },
253     "LayoutMapFilter": {
254         "Id": "LAYOUTMAPFILTER",
255         "Type": "LAYOUTMAPFILTER"
256     }
257 },
258
259 - for updating the enviroment from the software version 2.0.0 to 2.1.10
260 the main\files\UpdateScript\AUTHDB_UpdateVers2.1.0.sql and
261 main\files\UpdateScript\AUTHDB_UpdateVers2.1.8.sql scripts must be executed in
262 the AUTHDB.
263
264 the main\files\UpdateScript\DDB_UpdateVers2.1.4.sql and
265 main\files\UpdateScript\DDB_UpdateVers2.1.6.sql scripts must be executed in the
266 DDB.
267
268 - Nodes' configuration should be redefined from scratch deleting all existent
269 nodes.
270
271 Otherwise, in main\app\ws\NODE_API\config\nodesConfig.json:
272
273 - add the following lines at the end of the "Annotations" section of each node:
274
275 "Annotations": {
276     "NonReadyForProduction": {
277         "Id": "NON_READY_FOR_PRODUCTION",
278         "Type": "NON_READY_FOR_PRODUCTION"
279     },
280     "ReadyForProduction": {
281         "Id": "READY_FOR_PRODUCTION",
282         "Type": "READY_FOR_PRODUCTION"
283     }
284 },

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271     "DataFlowHeaderCustom": {
272         "Id": "DATAFLOW_HEADER_CUSTOM",
273         "Type": "DATAFLOW_HEADER_CUSTOM"
274     }
275 },
276
277 - add the following lines at the end of the "DataManagement" section in
main\app\ws\NODE_API\config\appConfig.json:
278
279 "DataManagement": {
280
281     "DatasetPrefix": "DS_",
282     "StruvalFormat": "structurespecificdata",
283     "LimitPagingMa": 500,
284     "MaxRowsErrorMappingValidation": 100
285 },
286
287 - for updating the enviroment from the software version 2.1.10 to 2.1.11
288 the main\files\UpdateScript\DDB_UpdateVers2.1.11.sql script must be executed in
the DDB.
289
290 - Nodes' configuration should be redefined from scratch deleting all existent
nodes.
291 Otherwise, in main\app\ws\NODE_API\config\nodesConfig.json:
292
293 - add the following lines at the end of the "Annotations" section of each node:
294
295 "Annotations": {
296
297     "AttributeAsDim": {
298         "Id": "ATTRIBUTE_AS_DIM",
299         "Type": "ATTRIBUTE_AS_DIM"
300     },
301     "LayoutAggregateCells": {
302         "Id": "LAYOUT_AGGREGATE_CELLS",
303         "Type": "LAYOUT_AGGREGATE_CELLS"
304     },
305     "LayoutChartPrimaryDimCartesian": {
306         "Id": "LAYOUT_CHART_PRIMARY_DIM_CARTESIAN",
307         "Type": "LAYOUT_CHART_PRIMARY_DIM_CARTESIAN"
308     },
309     "LayoutChartSecondaryDimCartesian": {
310         "Id": "LAYOUT_CHART_SECONDARY_DIM_CARTESIAN",
311         "Type": "LAYOUT_CHART_SECONDARY_DIM_CARTESIAN"
312     },
313     "LayoutChartFilterCartesian": {
314         "Id": "LAYOUT_CHART_FILTER_CARTESIAN",
315         "Type": "LAYOUT_CHART_FILTER_CARTESIAN"
316     },
317     "GraphLockedDimsCartesian": {
318         "Id": "GRAPH_LOCKED_DIMS_CARTESIAN",
319         "Type": "GRAPH_LOCKED_DIMS_CARTESIAN"
320     },
321     "LayoutChartPrimaryDimRadial": {
322         "Id": "LAYOUT_CHART_PRIMARY_DIM_RADIAL",
323         "Type": "LAYOUTCHARTPRIMARYDIM_RADIAL"
324     },
325     "LayoutChartSecondaryDimRadial": {
326         "Id": "LAYOUT_CHART_SECONDARY_DIM_RADIAL",
327         "Type": "LAYOUT_CHART_SECONDARY_DIM_RADIAL"
328     },
329     "LayoutChartFilterRadial": {
330         "Id": "LAYOUT_CHART_FILTER_RADIAL",
331         "Type": "LAYOUT_CHART_FILTER_RADIAL"
332     },
333     "GraphLockedDimsRadial": {
334         "Id": "GRAPH_LOCKED_DIMS_RADIAL",
335         "Type": "GRAPH_LOCKED_DIMS_RADIAL"
336     },
337     "LayoutCategorySchemesOrder": {
338         "Id": "LAYOUT_CATEGORY_SCHEMES_ORDER",
339         "Type": "LAYOUT_CATEGORY_SCHEMES_ORDER"
340     }

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341     },
342
343     - add the following line at the end of the "DataManagement" section in
main\app\ws\NODE_API\config\appConfig.json:
344
345     "DataManagement": {
346
347         "BlackListQueryWord": "INDICATOR|TIME|VALUES|VALUE"
348     },
349
350     - for updating the enviroment from the software version 2.1.11 to 2.1.12
351     - rename the following annotations:
352
353     "Annotations": {
354         "GraphLockedDimsCartesian": {
355             "Id": "GRAPH_LOCKED_DIMS_CARTESIAN",
356             "Type": "GRAPH_LOCKED_DIMS_CARTESIAN"
357         },
358         "GraphLockedDimsRadial": {
359             "Id": "GRAPH_LOCKED_DIMS_RADIAL",
360             "Type": "GRAPH_LOCKED_DIMS_RADIAL"
361         },
362         "LayoutCategorySchemesOrder": {
363             "Id": "LAYOUT_CATEGORY_SCHEMES_ORDER",
364             "Type": "LAYOUT_CATEGORY_SCHEMES_ORDER"
365         }
366     },
367
368     in:
369
370     "Annotations": {
371         "LayoutGraphLockedDimsCartesian": {
372             "Id": "LAYOUT_GRAPH_LOCKED_DIMS_CARTESIAN",
373             "Type": "LAYOUT_GRAPH_LOCKED_DIMS_CARTESIAN"
374         },
375         "LayoutGraphLockedDimsRadial": {
376             "Id": "LAYOUT_GRAPH_LOCKED_DIMS_RADIAL",
377             "Type": "LAYOUT_GRAPH_LOCKED_DIMS_RADIAL"
378         },
379         "LayoutCategorySchemesOrder": {
380             "Id": "ORDER",
381             "Type": "ORDER"
382         }
383     },
384     - for updating the enviroment from the software version 2.1.12 to 2.2.0
385     - rename the following annotations:
386
387     "Annotations": {
388         "LayoutGraphLockedDimsCartesian": {
389             "Id": "LAYOUT_GRAPH_LOCKED_DIMS_CARTESIAN",
390             "Type": "LAYOUT_GRAPH_LOCKED_DIMS_CARTESIAN"
391         },
392         "LayoutGraphLockedDimsRadial": {
393             "Id": "LAYOUT_GRAPH_LOCKED_DIMS_RADIAL",
394             "Type": "LAYOUT_GRAPH_LOCKED_DIMS_RADIAL"
395         }
396     },
397
398     in:
399
400     "Annotations": {
401         "LayoutChartLockedDimsCartesian": {
402             "Id": "LAYOUT_CHART_LOCKED_DIMS_CARTESIAN",
403             "Type": "LAYOUT_CHART_LOCKED_DIMS_CARTESIAN"
404         },
405         "LayoutChartLockedDimsRadial": {
406             "Id": "LAYOUT_CHART_LOCKED_DIMS_RADIAL",
407             "Type": "LAYOUT_CHART_LOCKED_DIMS_RADIAL"
408         }
409     },
410
411     - for updating the enviroment from the software version 2.2.0 to 2.3.0

```

413 - the main\files\UpdateScript\AUTHDB_UpdateVers2.3.0 script must be executed in
the AUTHDB.

414

415 - in main\app\ws\NODE_API\appsettings.json the following lines must be added at
base level:

416

```
417     "Cors": {  
418         "Enabled": false,  
419         "Origins": ""  
420     },  
421     "ACL_CONFIG_PATH": "config/acl.json",  
422
```

423 Into Cors sections, set Enabled to true if you want to enable CORS. If you set
Enabled to true, set the list of allowed origins in Origins, separated by ;

424

425 - in main\app\ws\DM_API_WS\appsettings.json the following lines must be added
into section AuthCore:

426

```
427     "MaxLoginAttempts": 3,  
428     "MinLoginAttemptInterval": 60,  
429     "LockLoginDuration": 600,  
430
```

431 Refer to the installation manual for the meaning of these keys

432

433