

Release notes for version 1.8.0

New features, improvements and bug fixes done for version 1.8.0 - released on 15.02.2017

Table of Contents

- Table of Contents
 - TDXM reports for unmatched (skipped) objects
 - Translations export/import via Excel file
 - Export
 - Import
 - New version for Image Processing Engine (Sightseer)
 - Improvements to Import operation
 - Changed logic for resolving Security Schemes
 - Safety question added when deleting user
 - Changes to Archive Manager roles
 - Bugs fixed and other improvements done for this version

TDXM reports for unmatched (skipped) objects

Done under JIRA issue: [HDC-1904] - TDXM: reports for not matched/not added objects

Reports for TDXM import operations were improved. Several minor bugs were fixed and a new functionality of **reporting unmatched objects** was added.

Before this changes, objects that were detected in import package but could not be matched with any HDC object using selected External Domain were just omitted (silently skipped).

HDC will now report such objects under **Unmatched** tab in Import Log window as shown below:

Report	Status	External Information Domain	Source	STARTED_ON	Ended on	Owner
1904_sappjudaren	Finished with Errors	Sappjudaren2	Sappjudaren2_corrupted_saf_cal	2017-01-13 (11:32 AM)	2017-01-13 (11:32 AM)	Tomasz Wyczolkowski
Sappjudaren2	Success	Sappjudaren2	Micasa_Aliven7	2017-01-12 (2:45 PM)	2017-01-12 (2:48 PM)	ast
Sappjudaren2	Success	Sappjudaren2	Micasa_Aliven7	2017-01-12 (2:26 PM)	2017-01-12 (2:33 PM)	ast
Sappjudaren2	Success	Sappjudaren2	Micasa_Aliven7	2017-01-12 (1:35 PM)	2017-01-12 (1:46 PM)	ast
Sappjudaren2	Success	Sappjudaren2	Micasa_Aliven7	2017-01-12 (12:20 PM)	2017-01-12 (12:20 PM)	ast

Description	Message
VS_20002489	Failed to perform links mapping
VS_10003455	Failed to perform links mapping
VS_20002488	Failed to perform links mapping
VS_10003456	Failed to perform links mapping
VS_20002487	Failed to perform links mapping
VS_10003453	Failed to perform links mapping
VS_10003454	Failed to perform links mapping
VS_20002486	Failed to perform links mapping
VS_10003457	Failed to perform links mapping
VS_10003451	Failed to perform links mapping
VS_10003452	Failed to perform links mapping
VS_10003450	Failed to perform links mapping
VS_10003448	Failed to perform links mapping
VS_10003449	Failed to perform links mapping
VS_20002485	Failed to perform links mapping

In given example we can see a list of objects that were detected in import packages but were not added to HDC during import due to bad domain matching.

For each object we can see a source (external) class name (VS) and an external ID.

Possible error messages with corresponding error codes are:

- IMPORTED_OBJECT_ERROR_15: 'Object links parsing error',
- IMPORTED_OBJECT_ERROR_14: 'File parsing error',
- IMPORTED_OBJECT_ERROR_13: 'Empty imported object id',
- IMPORTED_OBJECT_ERROR_12: 'Empty object class id',
- IMPORTED_OBJECT_ERROR_11: 'Empty object links',
- IMPORTED_OBJECT_ERROR_10: 'Failed to perform class mapping',
- IMPORTED_OBJECT_ERROR_9: 'Failed to perform links mapping',
- IMPORTED_OBJECT_ERROR_8: 'Failed to perform mapping for id field in links',

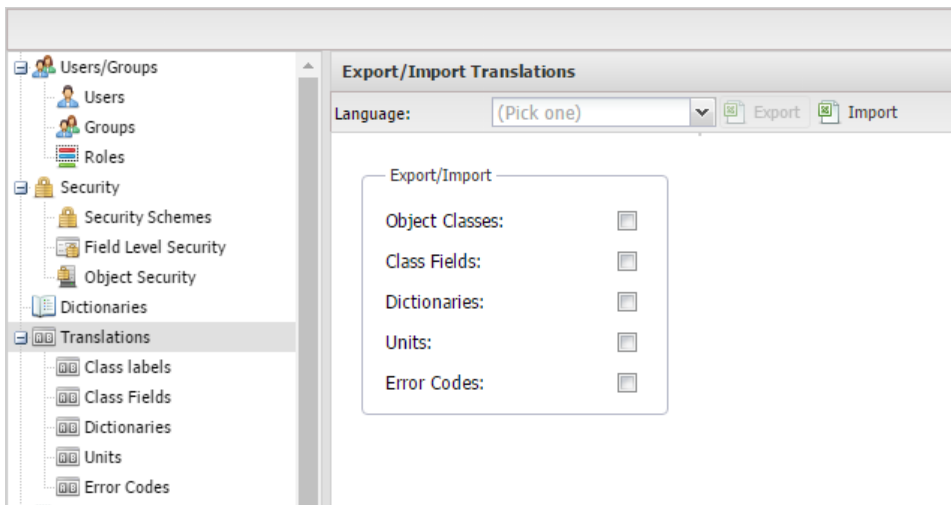
Please note there still might be some situations not listed above, in which HDC will not report unmatched object.

XML reports will now include a list of unmatched objects at the end of the report:

```
<UnmatchedItem Guid="VS_20002489" errorCode="9" />
<UnmatchedItem Guid="VS_10003455" errorCode="9" />
<UnmatchedItem Guid="VS_20002488" errorCode="9" />
<UnmatchedItem Guid="VS_10003456" errorCode="9" />
<UnmatchedItem Guid="VS_20002487" errorCode="9" />
<UnmatchedItem Guid="VS_10003453" errorCode="9" />
<UnmatchedItem Guid="VS_10003454" errorCode="9" />
<UnmatchedItem Guid="VS_20002486" errorCode="9" />
<UnmatchedItem Guid="VS_10003457" errorCode="9" />
<UnmatchedItem Guid="VS_10003451" errorCode="9" />
<UnmatchedItem Guid="VS_10003452" errorCode="9" />
<UnmatchedItem Guid="VS_10003450" errorCode="9" />
<UnmatchedItem Guid="VS_10003448" errorCode="9" />
<UnmatchedItem Guid="VS_10003449" errorCode="9" />
<UnmatchedItem Guid="VS_20002485" errorCode="9" />
```

Translations export/import via Excel file

We have now added a possibility to export selected translations of labels to Excel file that can be edited and then imported again to the same or compatible system.



This can be done from **Export/Import Translation** window in Administration panel.

Export

- To enable **export** button choose a language that you want to translate from the drop-down.
- Select one of possible translation options. If no selection is made, all translations will be exported.
- Export is done to **<language>_Translations_hdcExcelReport.xls** file.

1	typeName	componentId	translation	referenceValue
2	org4grp	borgitm_descr		borgitm_descr
3	org4grp	borgitm_id		borgitm_id
4	org4grp	borgitm_owner		borgitm_owner
5	org4grp	hdid		HyperDoc ID
6	org4grp	hd_objcustom1		hd_objcustom1
7	org4grp	hd_objcustom2		hd_objcustom2
8	org4grp	hd_objcustom3		hd_objcustom3
9	org4grp	hd_objcustom4		hd_objcustom4
10	org3grp	borgitm_descr		Namn
11	org3grp	borgitm_id		ID
12	org3grp	borgitm_owner		borgitm_owner
13	org3grp	hdid		HyperDoc ID
14	org3grp	hd_objcustom1		hd_objcustom1
15	org3grp	hd_objcustom2		hd_objcustom2
16	org3grp	hd_objcustom3		hd_objcustom3
17	org3grp	hd_objcustom4		hd_objcustom4
18	org2grp	borgitm_descr		Namn
19	org2grp	borgitm_id		ID
20	org2grp	borgitm_owner		borgitm_owner
21	org2grp	hdid		HyperDoc ID
22	org2grp	hd_objcustom1		hd_objcustom1
23	org2grp	hd_objcustom2		hd_objcustom2
24	org2grp	hd_objcustom3		hd_objcustom3
25	org2grp	hd_objcustom4		hd_objcustom4
26	prop	fi2prop_area		Område
27	prop	fi2prop_class		Klass
28	prop	fi2prop_descr		Beteckning
29	prop	fi2prop_fullname		Fast.nr
30	prop	fi2prop_function		Funktion
31	prop	fi2prop_guid		GUID
32	prop	fi2prop_id		ID
33	prop	fi2prop_name		Fast.nr. kommun
34	prop	hdid		HyperDoc ID
35	prop	hd_objcustom1		Pop.namn kommun
36	prop	hd_objcustom2		Stadsdelsnamnd
37	prop	hd_objcustom3		Adress

Export file contents:

- Each exported translation type is located in separate tab
- Only the "translation" column can be modified. Modifications to other sections might result in a failed import.

Import

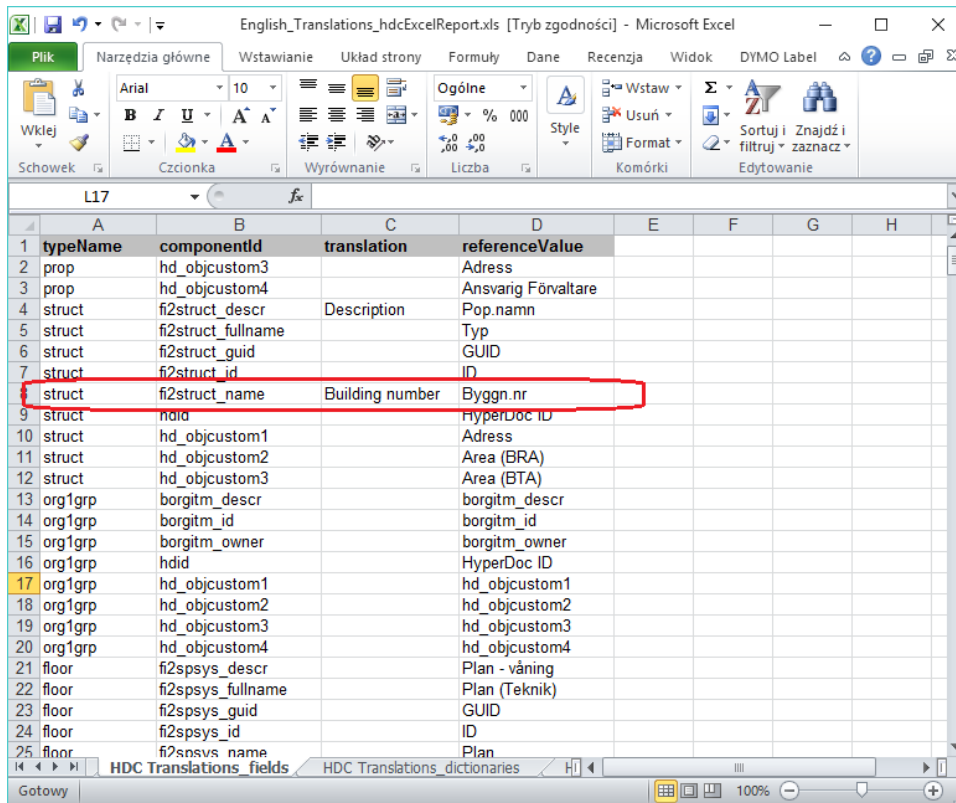
- There is no need to choose language for import - HDC will read it from Excel file automatically.
- If you do not choose any of the possible translation types, then all will be imported.
- If you choose specific translations then only those selected will be imported even if there are other translations in the file being imported.
- After import is done, report will display listing all imported translations.

Level	Server Message	Context
Info	Successfully updated translation for 'org4grp' with 'org4grp' from ReferenceValue 'org4grp'	objectclasses Translations Import
Info	Successfully updated translation for 'prop' with 'Property' from ReferenceValue 'Fastighet'	objectclasses Translations Import
Info	Successfully updated translation for 'struct' with 'Building' from ReferenceValue 'Byggnad'	objectclasses Translations Import
Info	Successfully updated translation for 'floor' with 'Plan' from ReferenceValue 'Plan'	objectclasses Translations Import
Info	Successfully updated translation for 'space' with 'Rum' from ReferenceValue 'Rum'	objectclasses Translations Import
Info	Successfully updated translation for 'object' with 'Object' from ReferenceValue 'Objekt'	objectclasses Translations Import
Info	Successfully updated translation for 'document' with 'Document' from ReferenceValue 'Dokument'	objectclasses Translations Import
Info	Successfully updated translation for 'event' with 'Advertisement' from ReferenceValue 'Event o Reklam'	objectclasses Translations Import
Info	Successfully updated translation for 'hdv_h3_space' with 'Markobject' from ReferenceValue 'Markobjekt'	objectclasses Translations Import
Info	Successfully updated translation for 'wall' with 'Wall' from ReferenceValue 'Wall'	objectclasses Translations Import
Info	Successfully updated translation for 'fi2struct_descr' of class 'struct' with 'Description' from ReferenceValue 'Pop.namn'	fields Translations Import
Info	Successfully updated translation for 'fi2struct_name' of class 'struct' with 'Building number' from ReferenceValue 'Byggn.nr'	fields Translations Import
Info	Successfully updated translation for 'fi2space_descr' of class 'space' with 'Description' from ReferenceValue 'Benämning'	fields Translations Import
Info	Successfully updated translation for 'fi2space_name' of class 'space' with 'Room' from ReferenceValue 'Rum'	fields Translations Import
Info	Successfully updated translation for 'hd_docfilename' of class 'konstr' with 'File Name' from ReferenceValue 'Cadfil'	fields Translations Import
Info	Successfully updated translation for 'eqname' of class 'equipment' with 'Name' from ReferenceValue 'Name'	fields Translations Import
Info	Successfully updated translation for 'KOMMUNIKATION' of dictionary 'SPACE_FUNCTION' with 'Communication' from ReferenceValue 'KOMMUNIKATION'	dictionaries Translations Import
Info	Successfully updated translation for '8' with 'kilometer' from ReferenceValue 'kilometer'	units Translations Import
Info	Successfully updated translation for '10200' with 'Operation ID is wrong' from ReferenceValue 'Wrong Operation ID.'	errorcodes Translations Import

- Report is not incremental - it lists all translations even if they were already translated.
- Context** column indicates import category for that entry
- Server Message** column will inform what was translated and how:

Successfully updated translation for 'fi2struct_name' of class 'struct' with 'Building number' from ReferenceValue 'Byggn.nr'

This is how it corresponds to Excel file:



	A	B	C	D	E	F	G	H
1	typeName	componentId	translation	referenceValue				
2	prop	hd_objcustom3		Adress				
3	prop	hd_objcustom4		Ansvarig Förvaltare				
4	struct	fi2struct_descr	Description	Pop.namn				
5	struct	fi2struct_fullname		Typ				
6	struct	fi2struct_guid		GUID				
7	struct	fi2struct_id		ID				
8	struct	fi2struct_name	Building number	Byggn.nr				
9	struct	hoid		HyperDoc ID				
10	struct	hd_objcustom1		Adress				
11	struct	hd_objcustom2		Area (BRA)				
12	struct	hd_objcustom3		Area (BTA)				
13	org1grp	borgitm_descr		borgitm_descr				
14	org1grp	borgitm_id		borgitm_id				
15	org1grp	borgitm_owner		borgitm_owner				
16	org1grp	hdid		HyperDoc ID				
17	org1grp	hd_objcustom1		hd_objcustom1				
18	org1grp	hd_objcustom2		hd_objcustom2				
19	org1grp	hd_objcustom3		hd_objcustom3				
20	org1grp	hd_objcustom4		hd_objcustom4				
21	floor	fi2spsys_descr		Plan - våning				
22	floor	fi2spsys_fullname		Plan (Teknik)				
23	floor	fi2spsys_guid		GUID				
24	floor	fi2spsys_id		ID				
25	floor	fi2spsys_name		Plan				

In this example, for reference value "Byggn.nr" translation is now "Building number" for class `struct` and it's field `fi2struct_name`

If no translations were found for given translation category, system will report this as Critical (column Level) and description "No translation found for this type in import file".

New version for Image Processing Engine (Sightseer)

New image processing service is now implemented. It has up to ten times improved performance, can handle even larger images, and will produce better quality images that take two times less space than previously.

Fixed in: [HDC-1936] - Raster images in HDC are of unacceptable sharpness

Also new Sightseer will now handle even larger files (100k pixels in dimension).

Fixed in: [HDC-2002] - .cal file cannot be rasterized - sightseer/vips error and [HDC-2025] - Sightseer can rasterize very large raster files (even bigger than before)

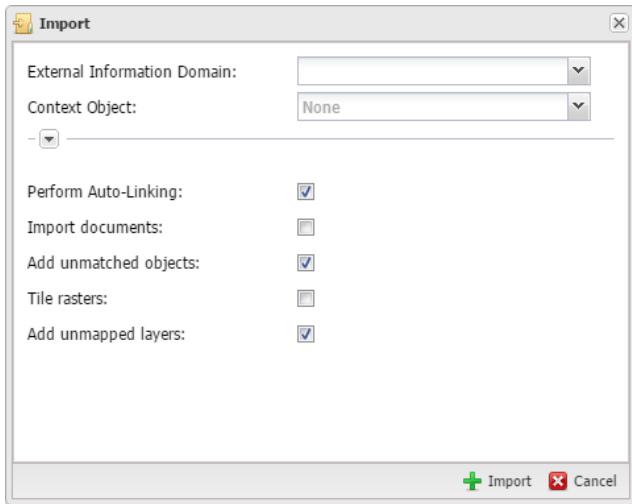
Improvements to Import operation

Time needed for import operation is now considerably reduced for large packages (independently from image processing).

New version offers a possibility to update objects and their metadata alone, while skipping documents. If the "Import Documents" option is unchecked, documents will remain unchanged

as opposed to previous version where they would be removed. This option would be typically used if incorrect mappings were used and

some properties skipped as a result. Now this situation can be easily fixed without losing the already imported and processed documents.



Fixed in: [HDC-1853] - TDXM: Import of same package without "Import Documents" option, deletes existing content.

Changed logic for resolving Security Schemes

Implemented in: [HDC-1576] - Review perspective filtering (security schemes) in database

Resolving a Security Scheme to be used will now be more intuitive. Security Scheme visible in Object Security will now have top priority in defining security scheme.

As a result, selected child objects can be "revealed" by using specific less restrictive class and they will not be generally filtered out based on default Security Scheme.

Safety question added when deleting user

Implemented in: [HDC-1951] - There should be a safety question when user is deleted from HDC

Changes to Archive Manager roles

Implemented in: [HDC-1455] - Controlled access to shared and private Drafts

Archive Manager roles have been revised.

Archive Manager	
Basic Archive Manager	<ul style="list-style-type: none"> • Access to Archive Manager Panel • View history of published versions • View list of owned and shared drafts • Create and manage new drafts from selected published version, • Share owned drafts with other users or groups • Change version to one of published, owned or shared drafts
Advanced Archive Manager	Access and administer versions using advanced version manager panel. <ul style="list-style-type: none"> • Publish draft to Master Archive • Set System Default version

See full article about roles [here](#).

Bugs fixed and other improvements done for this version

- [HDC-1368] - Set as root for object that was already expanded does not show + icon
- [HDC-1641] - WS /api/parameters/default/json gives back too much info
- [HDC-1642] - Applying presentations and printing with presentations are not consistent
- [HDC-1765] - System Settings: Icons extensions should have validation of accepted separator
- [HDC-1853] - TDXM: Import of same package without "Import Documents" option, deletes existing content.
- [HDC-1978] - Strange way of handling images with units expressed in mm (Micasa case)

- [HDC-2036] - Popup Properties functions should respect Sealed version and object security mask.
- [HDC-1592] - Spring-based pipeline
- [HDC-1701] - Handling database connection pooling outside HDC server application
- [HDC-1342] - Apply viewing projection to vector and template drawings
- [HDC-1720] - Improve time of printouts with automatic presentation (unusable PDF output)
- [HDC-2034] - Perspective picker should show all available Perspective Sets in Security View & Object Picker
- [HDC-2039] - Lack of TAF files in replication package fails TDXM import
- [HDC-1954] - Changing grid perspective to one with indirect path on object that do not resolve indirect path will result in client hang
- [HDC-2059] - schenker.bim.cloud, problem with pdf printing for one user
- [HDC-2055] - Refactoring printing related classes
- [HDC-2019] - Printouts on specific zoom level are blank