XML IMPORTS

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- Overview of import function
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OVERVIEW

SIGNIFIKANT

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Export
Pre-processing source xml using custom transformations

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Import processed xml into database

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Publish data in database to web
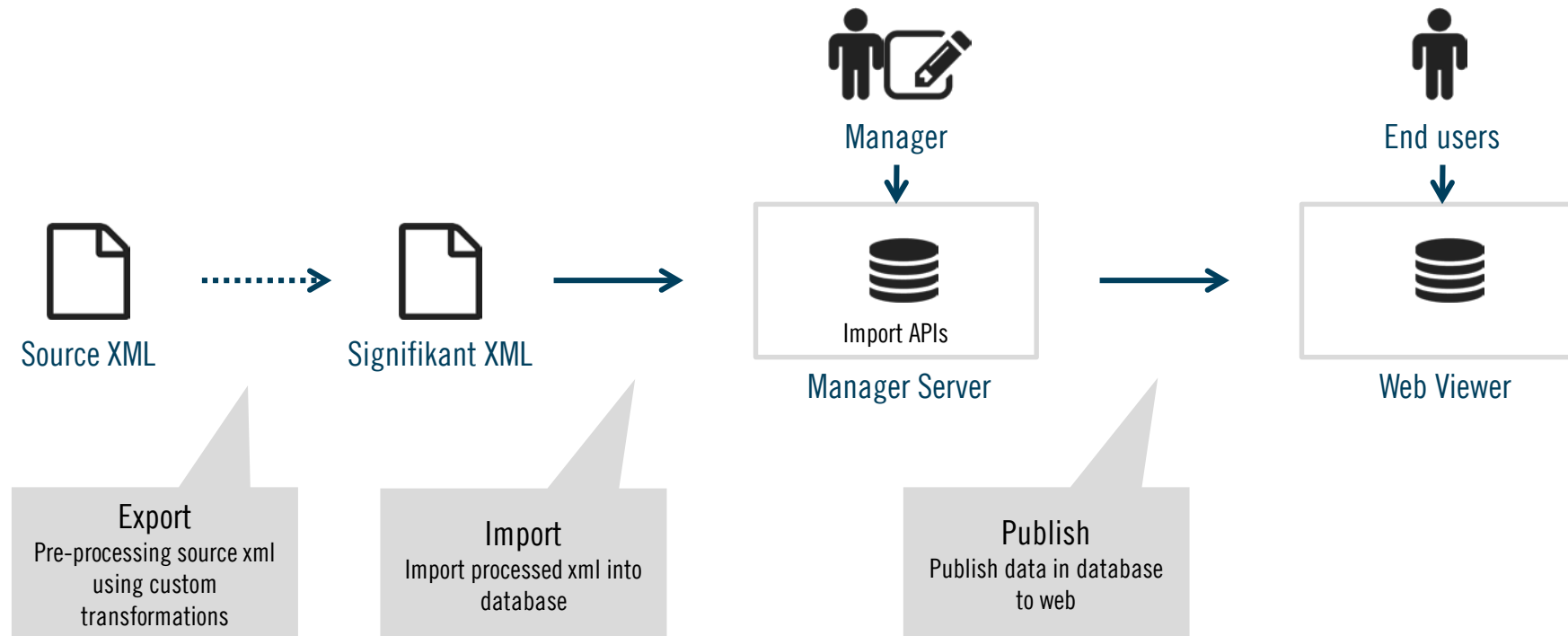
Process can be managed manually using Managers user interface or by calling REST APIs

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Import files

- Exports are placed on disk, normally on D:/Assert/Export/

- Each export is placed in a separate folder according to a defined name standard

- A config file, import.config, defines the name standards and what transformations to apply on each folder

- Transformed xml is placed on disk, normally on D:/Assert/Import
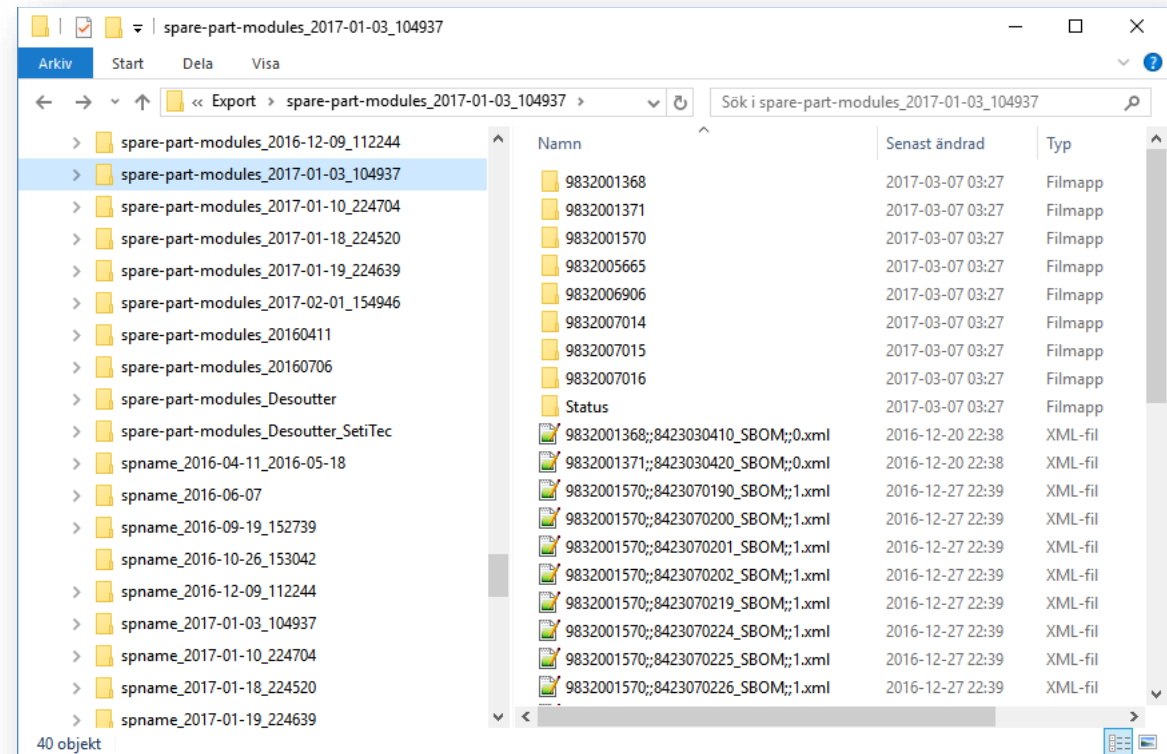
Importing in Manager

- Files in Export and Import folders matching import.config will show in manager import repository.

- Transform and import can be started in the Manager manually.

Publish in Manager

- Once import is complete, publication process may be started.
- Publish is started using Publication repository.
- Publish process will create database for site or offline based on permissions.
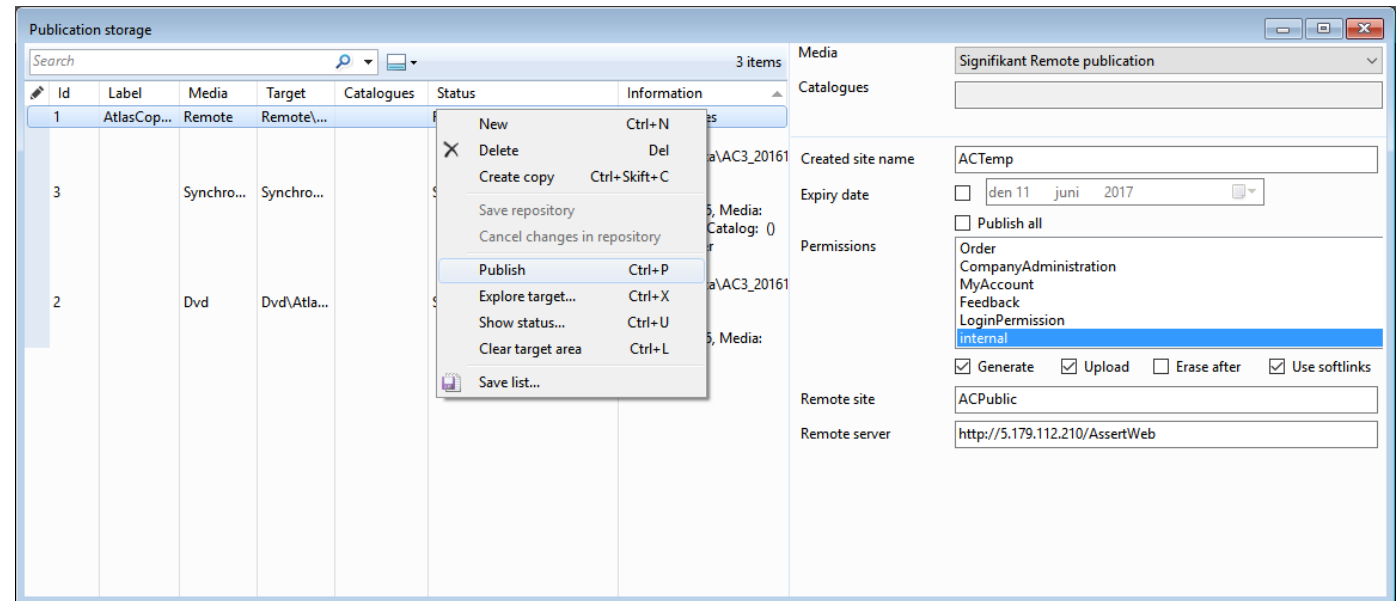
REST APIs

Transform, import and publish may all be started using REST APIs.

APIs for transform - Initiate a transformation and check status by calling

```
http://localhost/AssertServer/api/Publisher/Transform/<folder>/<language>
http://localhost/AssertServer/api/Publisher/Status/<site>/Transform/<folder>
```

APIs for import - Initiate an import and check status by calling

```
http://localhost/AssertServer/api/Publisher/Import/<site>/Transform/<folder>
http://localhost/AssertServer/api/Publisher/Status/<site>/Import/<folder>
```

APIs for publish - Initiate publish and check status by calling

```
http://localhost/AssertServer/api/Publisher/Publish/<site>/<publicationlabel>
http://localhost/AssertServer/api/Publisher/Status/<site>/Publish/<publicationlabel>
```

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CONTENT
Different content types

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Information sources

Product data → Source XML

Documentation → Source XML → Signifikant XML

Translations → Source XML

Manager → Import APIs

Manager Server
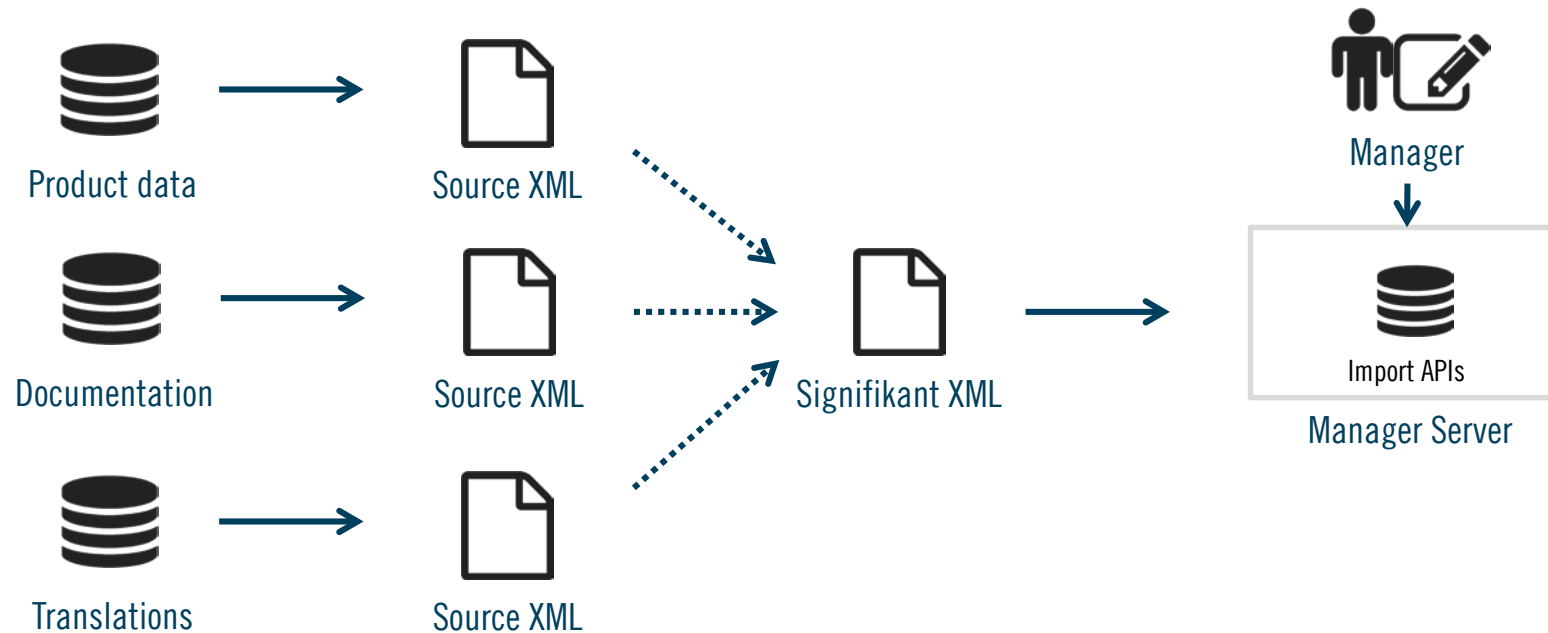
Information from these sources are currently being imported. New sources will be added for new content types.

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Signifikant Simplified XML – overview of import formats

Sample source	Export folder	Export files	Content
PLM solution	Illustrations_<x>	Illustrations_<x>.xml <dir>/img.svg	Images and illustrations (presentation) described as xml. Image files in a sub directory.
PLM solution	Parts_<x>	Parts_<x>.xml	Parts (presentation) definitions as xml. References to images. References to catalogues if applicable.
PLM solution	Assemblies_<x>	Assemblies_<x>.xml	Spare part assemblies (presentation) defined as xml; name, id:s, type, specifications and part lists. Reference to illustrations. References to catalogues if applicable.
PLM solution	ContentSet_<x>	ContentSet_<x>.xml <dir>/file.ext	Content sets (presentation). References to catalogues if applicable.
PLM solution	Catalogues_<x>	Catalogues_<x>.xml	Catalogues (presentation) with it's structures and image references. References to presentations if applicable.

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Signifikant Simplified XML – overview of import formats

Sample source	Export folder	Export files	Content
CMS	Documents_<x>	Document_<x>.xml <dir>/<x>.ext	Documents presentation with name, and meta data for search. List which pdf:s match which languages. References to catalogues if applicable. Document files located in sub folder.
Translations	Xliff	Xliff.xml	Translations as xml based on the xliff standard.
Translations	Text	Text.xml	Translations as xml based on a simle xml format.

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IMPORT STRATEGY
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Import strategy

- Only one import/publish at a time, serial order.

- Import order need to be followed.

- If a presentation which is not existing is referred, an empty presentation will be created. Thus content can be added to that presentation at a later stage.