




[Vocabulary Manager]
Integrate vocabularies into your profiles

ASPECT VocabularyManager

A tool for integrating Vdex and Zthes vocabularies

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[Vocabulary Manager]
Integrate vocabularies into your profiles

Adapting specifications to your needs:

- Controlled domain specific vocabularies
- Optional/Mandatory elements
- Extensions etc.

Managing your vocabularies

- Integrate into *your application*
- From various sources
 - local file
 - URL
 - Vocabulary bank
- Using open standards like VDEX or ZThes
- Update when necessary

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Our Use Case for the ASPECT Project:

Rapid implementation of specific conformance testing systems

- To provide users with tools for testing their data
- To early discover cases where specifications are not precise yet
- To save costs for developing specific test systems

Changes of the specification, in particular of vocabularies, require frequent adaptation of conformance tests

Application for this meeting:

Conformance test systems for *OAI-PMH*, *Europeana* and *NORLON*

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Integrate vocabularies into your profiles

Zip File (Application Profile)

Anything else

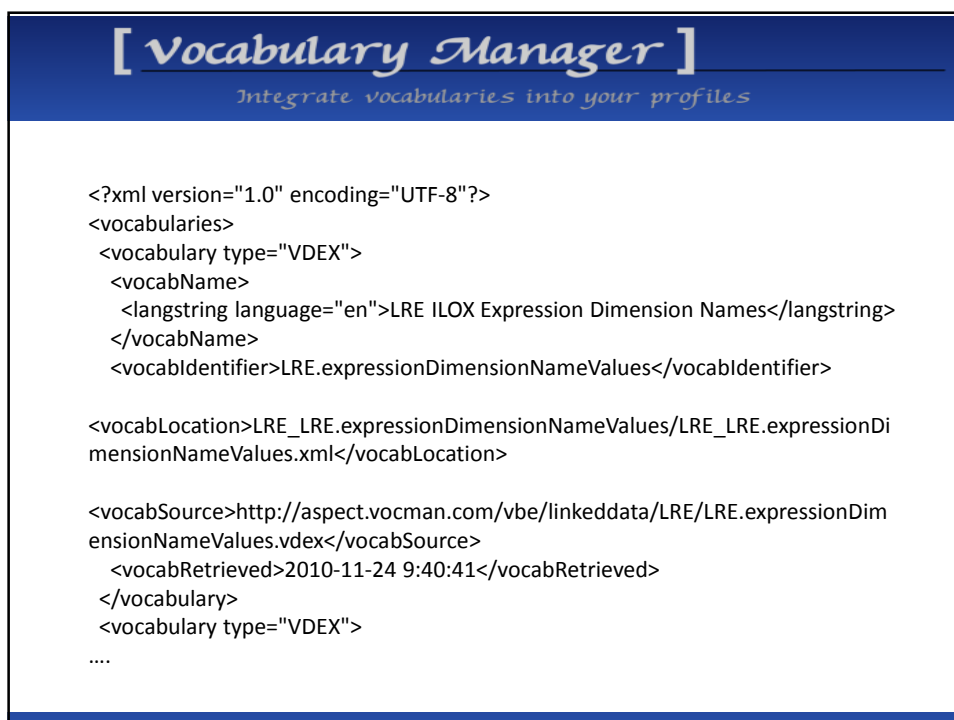
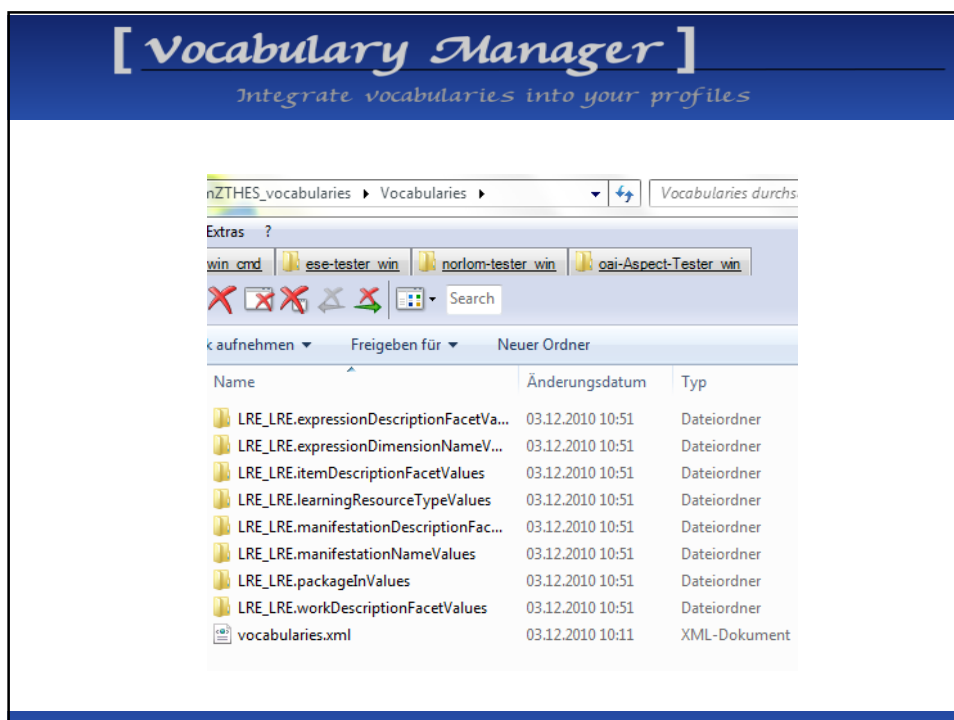
Vocabularies

Vocabularies.xml

Vocabulary

Zthes File

VDEX File



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Integrate vocabularies into your profiles

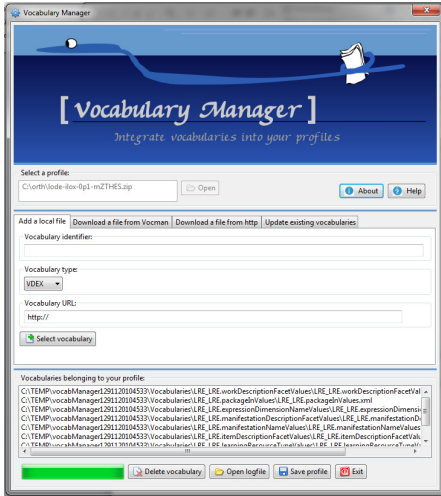
- **Functionality for:**
 - Downloading vocabularies from Vocman / http pages
 - Adding vocabularies from local file system
 - Updating existing vocabularies from web links
 - Saving a new profile

- **Additional functionality:**
 - Automatically generates the *vocabularies.xml* (if it does not exist)
 - Automatically inserts new entries into the *vocabularies.xml*
 - Automatically copies vocabularies into separate folders and updates the path in the *vocabularies.xml*

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Integrate vocabularies into your profiles

- **Adding vocabularies to the profile**

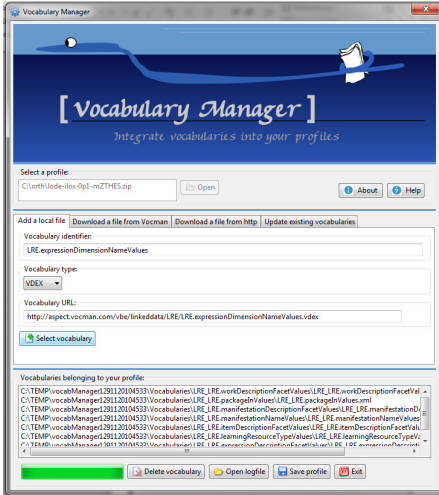


Open the profile you want to modify by clicking on *Open*

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Integrate vocabularies into your profiles

- Adding vocabularies from the local file system



Enter :

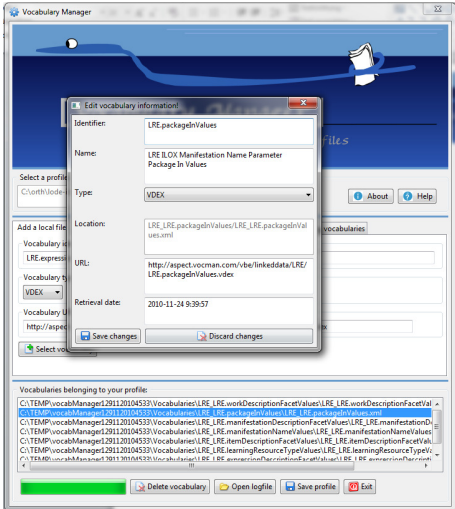
- Identifier
- Vdex/Zthes
- URL

Click on *Select*

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Integrate vocabularies into your profiles

- Editing information about a vocabulary



Doubleclick on the vocabulary in the main window

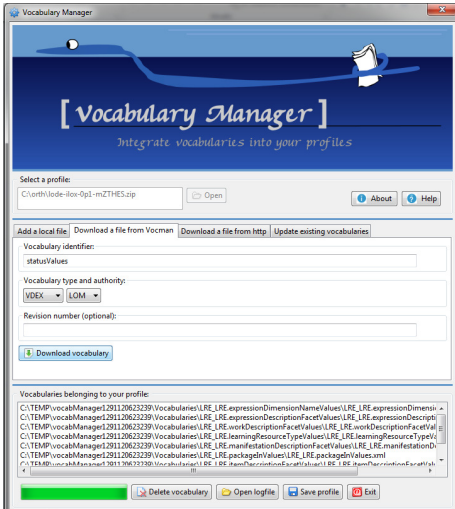
Enter changes

Click on *Save changes*

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Integrate vocabularies into your profiles

- Downloading vocabularies from Vocman



Enter values:

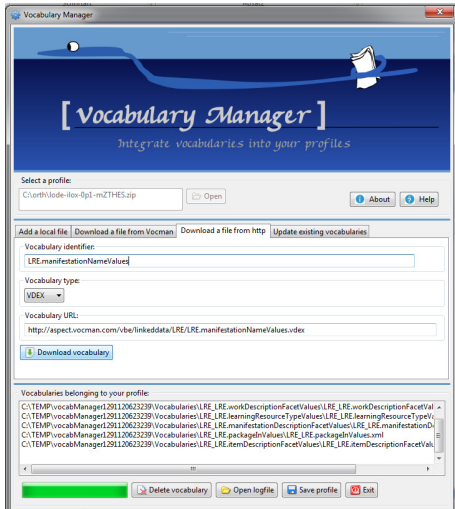
- Identifier
- Vdex/Zthes
- LOM/IMS/LRE
- Revision number (opt.)

Click on *Download*

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Integrate vocabularies into your profiles

- Downloading vocabularies from http pages



Enter values:


- Identifier
- Vdex/Zthes
- URL

Click on *Download*

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Integrate vocabularies into your profiles

- Updating existing vocabularies (1): check link existence



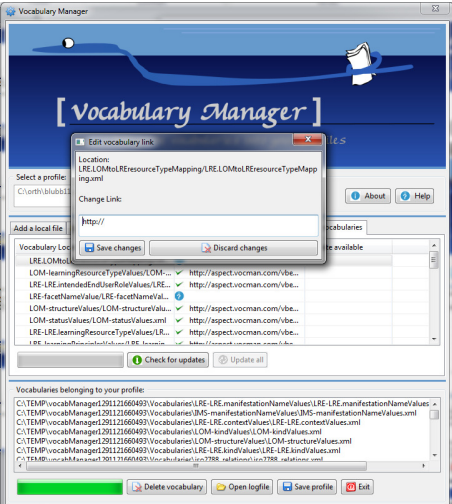
Select the tab on the right

- ✓ = there is a web link
- ⓘ = the web link is missing

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- Updating existing vocabularies (2): edit vocabulary link




Edit web link by doubleclicking on the vocabulary in the update tab list (upper list)

Click on *Save changes*





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- Updating existing vocabularies (3): check for updates



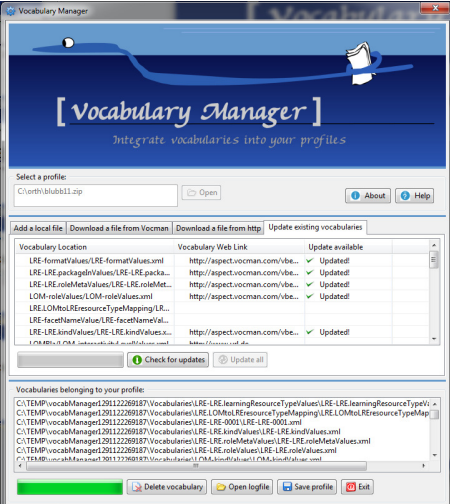
Click on the *Check for updates* button

-  = Update available
-  = No link
-  = Already updated
-  = Link unavailable

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Integrate vocabularies into your profiles

- Updating existing vocabularies (4): update all

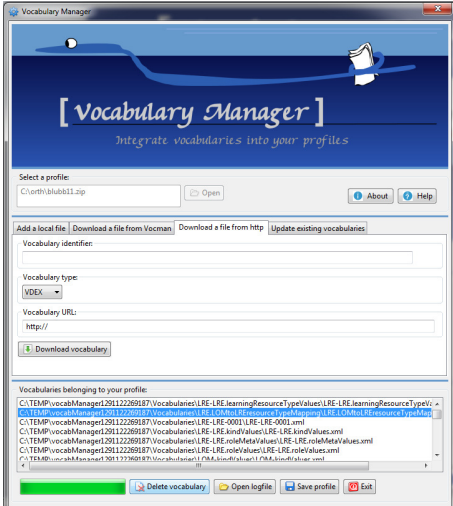


Click on the *Update all* button

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Integrate vocabularies into your profiles

- Deleting vocabularies from a profile




Select the vocabulary in the list

Click on the *Delete vocabulary* button

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Integrate vocabularies into your profiles

- Opening the log file



Click on the *Open logfile* button

| Time | Thread | Level | Category | Message |
|-------|----------|-------|-----------------|---|
| 0 | Worker-0 | WARN | main:TextLogger | An exception occurred! org.xml.sax.SAXParseException: White spaces are required between publicId and systemId. occurred at class org.xml.sax.SAXParseException |
| 4 | Worker-0 | WARN | main:TextLogger | An exception occurred! exception: VocabularyException: C:\TEMP\VocabManager\291122269187\Vocabularies\LOM\InteractivityLevelValues.xml is no vocabulary file and will be deleted from the profile! occurred at class exception: VocabularyException |
| 92837 | Worker-0 | ERROR | main:TextLogger | The vocabulary C:\TEMP\VocabManager\291122269187\Vocabularies\LOM\LOMResourceTypeMapping.xml could not be updated because of a missing link! |
| 92837 | Worker-0 | ERROR | main:TextLogger | The vocabulary C:\TEMP\VocabManager\291122269187\Vocabularies\LOM\LOMResourceTypeMapping.xml could not be updated because of a missing link! |
| 92838 | Worker-0 | ERROR | main:TextLogger | The vocabulary C:\TEMP\VocabManager\291122269187\Vocabularies\LOM\LOMInteractivityLevelValues.xml could not be updated because of a missing link! |
| 92839 | Worker-0 | ERROR | main:TextLogger | The vocabulary C:\TEMP\VocabManager\291122269187\Vocabularies\LOM\LOMInteractivityLevelValues.xml could not be updated because of a missing link! |
| 92841 | Worker-0 | ERROR | main:TextLogger | The vocabulary C:\TEMP\VocabManager\291122269187\Vocabularies\LOM\LOMInteractivityLevelValues.xml could not be updated because of a missing link! |
| 92843 | Worker-0 | ERROR | main:TextLogger | The vocabulary C:\TEMP\VocabManager\291122269187\Vocabularies\LOM\LOMInteractivityLevelValues.xml could not be updated because of a missing link! |
| 92843 | Worker-0 | ERROR | main:TextLogger | The vocabulary C:\TEMP\VocabManager\291122269187\Vocabularies\LOM\LOMInteractivityLevelValues.xml could not be updated because of a missing link! |
| 92845 | Worker-0 | ERROR | main:TextLogger | The vocabulary C:\TEMP\VocabManager\291122269187\Vocabularies\LOM\LOMInteractivityLevelValues.xml could not be updated because of a missing link! |
| 92850 | Worker-0 | ERROR | main:TextLogger | The vocabulary C:\TEMP\VocabManager\291122269187\Vocabularies\LOM\LOMInteractivityLevelValues.xml could not be updated because of a missing link! |
| 92852 | Worker-0 | ERROR | main:TextLogger | The vocabulary C:\TEMP\VocabManager\291122269187\Vocabularies\LOM\LOMInteractivityLevelValues.xml could not be updated because of a missing link! |
| 92852 | Worker-0 | ERROR | main:TextLogger | The vocabulary C:\TEMP\VocabManager\291122269187\Vocabularies\LOM\LOMInteractivityLevelValues.xml could not be updated because of a missing link! |

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Integrate vocabularies into your profiles

- Saving the profile
 - Stores the profile in the same folder as the old file
 - Generates a new profile with the name of the old file plus the suffix „_vocabularies.zip“
- Further information
 - The log file will be stored to the folder `/src/data/logs/logfile.html`
 - There is a documentation in pdf where everything is described (click on the *Help* button or go to `/src/data/help.pdf`)
 - On first startup the system configurs itself for 32/64 Bit Java
 - For MS Windows only

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Any questions?

Thank you for listening!