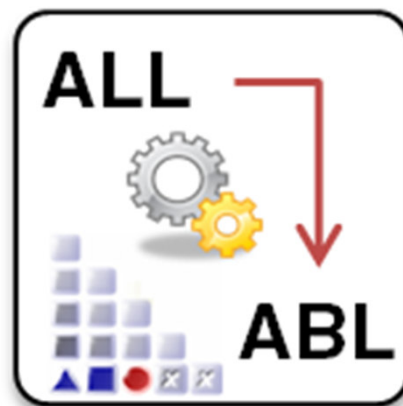


ALL2ABL CONVERTER SERVICE



Agenda



- ▶ ALL2ABL – Service Description
- ▶ ALL2ABL – Example Usage

ALL2ABL



What is ALL2ABL:

- ▶ An ADOxx web-service which allows you to convert ALL files (textual representation of ADOxx libraries) into the ABL format files (binary representation).

When is ALL2ABL needed:

- ▶ When you receive an ALL file with the meta-model (library) definition and you want to import it into the ADOxx Development Toolkit (which supports only ABL file formats !).
- ▶ When you want to textually develop and view your meta-model !

How to use ALL2ABL:

- ▶ Go to the ALL2ABL web service: <https://www.adoxx.org/live/all2abl-converter-service>
- ▶ Input a brief description of your meta-model which is contained in the ALL file
- ▶ Select the ALL file
- ▶ Select your desired ADOxx version
- ▶ Submit & Download the ABL file !

ALL2ABL – Example Usage



1. Download the sample ALL file

```
ADOxx13UL1 - Empty Library (Notepad)
File Edit Format View Help
*****
Date: 22.12.2010 11:24
Generated by ADOxx - Library export -- v.4.0
*****
The file contains the following libraries:
ADOxx 1.3 Empty AL v1.00
ADOxx 1.3 Empty D v1.00
ADOxx 1.3 Empty S v1.00
*****
VERSION <4.0>
=====
APPLICATION LIBRARY <ADOxx 1.3 Experimentation Library>
=====
BUSINESS PROCESS LIBRARY <ADOxx 1.3 Dynamic Experimentation Library>
=====
ATTRIBUTE <version number>
VALUE ""
ATTRIBUTE <date last changed>
VALUE 22.12.2010 11:20
ATTRIBUTE <last user>
VALUE "ADMIN"
ATTRIBUTE <keywords>
```

2. Use the ALL2ABL web service

Development Service: ALL2ABL Converter

Describe the library uploaded for conversion

ADOxx Empty Library

Contains basic classes

Select the ALL file for conversion

C:\Users\osolomon\Desktop\ADOxx13UL1 - Empty

Select ADOxx version for conversion

ADOxx 1.3 UL1

4. Import the ABL file into ADOxx

Library management

Settings Checks Management

Application libraries:

- ADOxx 1.3 Experimentation Library

Library import

File name:

3. Download/Save the resulted ABL file

```
ADOxx13UL1 - Empty Library.abl - Notepad
File Edit Format View Help
ADONIS v.4.0 NT
-OK+vawE?aeiJ-Bya?s;wAeo ?5-0*ü?Q»8 +?%6j;aExpæmi" B0. #Fðj00N;?ø¥@vrÜjpe-ã?45q05ð.oâAIX+
^IA?S-^IA?S-^IA?S-^AZ»GX0i ? qm???ásfDÁc®pp ?6?á4jjbA$puéd{i-z;Nàgæ?;Á:L
s-0jU=ú} y-ó? ?Yc+É@?T-t. zÁ0;t|7R?y*?' 0íi-dzBð-0D?ðx;? h?è%?AÉB¥U?--B±*ã--Ái0Ty#ñ00É_
NÁáb0úGÍ0Bfv#%yúAoãðAe>v9?L^éù|wpB(ú_?Y%t0x?eZ?IA?S-^IA?S-^IA?S-^IA?S-^IA?S-^IA?S-^IA?
ù;è[ú0Z?;?' ò-ãñã;E?^pácA? ;è1wA&d?K;pxñLá«è1 F®?Q `s;~c;#@x;ãa?cu?UuqYT?o.«úñ%ò:M
úèf&h]??ãc3?YE, }NÁáb0úGÍ0?á?%6D$á??¿?+ygy0L?> fÉáJ0E:0i -?á6?_00æEÁUX:i)Y;=w luJ;É@G?1:
-@!¥++_oz=-?-hiG?x;? h?è%?AÉB¥U?--B±*ã--»9`bs;1;w;%0-A?ñF®?Q `s;9;?i?ð-Aáb0úGÍ0?E1;éGUé#
```

ALL2ABL – Let's try it



1. Download the empty library ALL file [here](#)
2. Open the downloaded ALL file with a text editor
3. Investigate how the code looks like
4. Let's try to add a new class named *TrainingModelling* (it will have a similar structure to the existing ones)
5. Now we can save the file and convert it using ALL2ABL (save the ABL file on any location).
6. Open ADOxx (the Development Toolkit) and import the library contained in the ABL file (Library management /Management tab/ Import).
7. Go to Library management /Settings tab/, then select the Dynamic Library, and click on class hierarchy. You are now able to visualize the *TrainingModelling* class which you defined in the ALL file.

What about adding a nice graphical representation to the TrainingModelling class ?



Further Questions?

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