EMF2LEO CONVERTER SERVICE

Agenda

- EMF2LEO – Service Description
- EMF2LEO – Example Usage

EMF2LEO

What is EMF2LEO:

- An ADOxx web-service which allows you to convert EMF files (general vector graphic files) into the LEO format files (used for defining the graphrep of a class).

When is EMF2LEO needed:

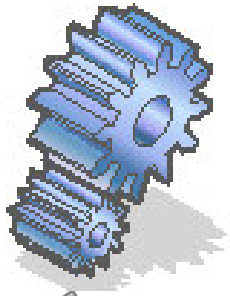
- When you want to simplify the process of designing complex images that you wish to assign to ADOxx classes as graphrep representation.
- When you already have (or designed) an EMF file and you wish to easily adjust it for ADOxx graphrep

How to use EMF2LEO:

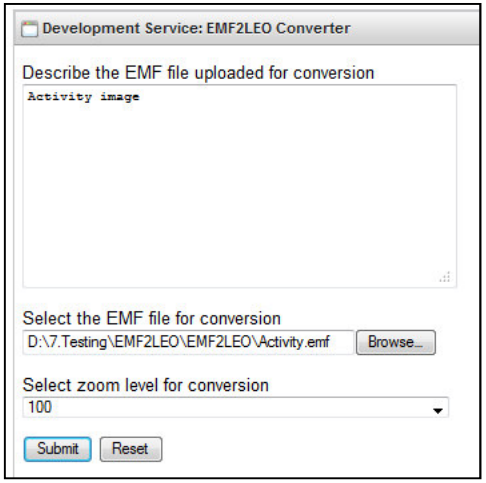
- Go to the EMF2LEO web service: https://www.adoxx.org/live/emf2leo-converter-service
- Input a brief description of your EMF file (ex: actor, arrow, circle, etc)
- Select the EMF file
- Input the zoom factor (the size dependency between the EMF image and its conversion)
- Submit & Download the LEO file !
- * Instructions on how to create EMF files can be found on the website.

EMF2LEO - Example

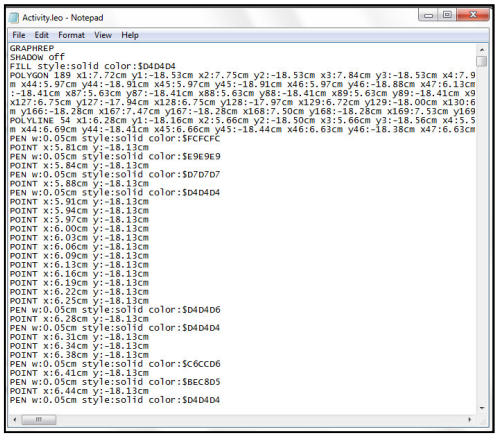
1. Download a sample EMF file



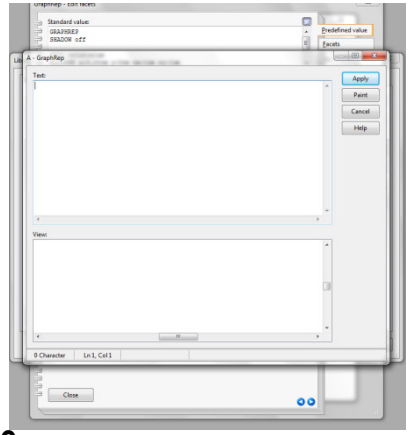
2. Use the EMF2LEO web service



3. Download/Save the resulted LEO file



4. Paste the content of the LEO file into the Graphep component



EMF2LEO – Let's try it

1. Open MS Powerpoint (or any other program which allows you to create EMF files**)**
2. Draw a shape (a circle with a text inside it for example).
3. Save the file as *TrainingModelling.emf*.
4. Use the EMF2LEO service and get the *TrainingModelling.leo* file.
5. Open the *TrainingModelling.leo* file and investigate the code.
6. Go to Library management /Settings tab/, then select the Dynamic Library, and click on class hierarchy. Expand the *TrainingModelling* class and double click on the Graphrep attribute.
7. Expand/Open the Standard Value tab. In the text area paste the content of the *TrainingModelling.leo* file and click on Paint. If you agree with the way the image was painted then click on Apply (otherwise, you will have to adjust the LEO code, since EMF2LEO does not provide complete accuracy in certain images). You are done !

What is next ?

Further Questions?

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