

Tools for DATEX II 3.0

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Windows tool

- Tool does
 - Import XMI from EA
 - Schema generation
 - Model Validation
 - DD export
 - Profiling
- New tool for 3.0,
 - XMI 2.1
 - Enhanced performance
 - Facets on attributes
 - Export CSV
 - Export XMI based on selection

The screenshot shows the DATEX II Conversion tool interface. The window title is "DATEX II Conversion". It has three tabs: "Configuration", "Selection", and "Log". The "Configuration" tab is active. The interface includes a description: "DATEX II This program performs a transformation from a DATEX II UML class diagram package into DATEX II XML Schema." Below this, there are several input fields and buttons:

- "Name of the XMI file": A text input field with a "<<" button to its right.
- "Directory for resulting XML Schema files": A text input field containing "C:\\" with a "<<" button to its right.
- "Model information": A section containing several input fields:
 - XMI version: []
 - Model level: []
 - Model base Version: []
 - Extension name: []
 - Version: []
 - Extension version: []
 - Profile name: []
 - Profile version: []
- "Configuration": A section containing a checkbox labeled "Generate with definitions (documentation)".

At the bottom, there is a "Progress" bar and a row of buttons: "Exit", "Reset", "Export DD", "CheckModel", and "Start".

DATEX II

Web based tool

- Same core as windows tool
- Work on all newer browsers
- Schema generation Wizard
- Predefined profiles
 - Model (XMI)
 - Optional selection
- Not all features as windows tool

The screenshot shows the 'Wizard' interface for creating a DATEX II schema. At the top, it says 'Wizard.' and 'This Wizard will guide you creating a DATEX II schema'. Below this is a progress bar with five steps: 'Step 1 - Source' (highlighted), 'Step 2 - Selection file', 'Step 3 - Selection', 'Step 4 - Options', and 'Step 5 - Finish'. Under 'Step 1 - Source', there are two options: 'Predefined model' (selected) and 'Your own model'. Below this is a section titled 'Available models/profiles' with a list: 'ElaboratedData Publication' (selected), 'Situation Publication V3', and 'SRTI Profile'. To the right of this list is a 'Description:' field containing the text: 'ElaboratedData Publication based on full 3.0 model with selection of ElaboratedDataPublication'. At the bottom of the wizard, there are 'Previous' and 'Next' buttons, and a 'Log' section with an empty text area.

DATEX II

Wizard.

This Wizard will guide you creating a DATEX II schema

0%

Step 1 - Source

Step 2 - Selection file

Step 3 - Selection

Step 4 - Options

Step 5 - Finish

Select source

Predefined model

Your own model

Available models/profiles

ElaboratedData Publication

Situation Publication V3

SRTI Profile

Description:

ElaboratedData Publication based on full 3.0 model with selection of ElaboratedDataPublication

Previous

Next

Log

DATEX II

Wizard.

This Wizard will guide you creating a DATEX II schema

0%

Step 1 - Source

Step 2 - Selection file

Step 3 - Selection

Step 4 - Options

Step 5 - Finish

Choose optional selection

Selection from profile

Your own selection

Use the selection defined by the profile

Previous

Next

Log

Model successfully uploaded!

DATEX II

Wizard.

This Wizard will guide you creating a DATEX II schema

0%

Step 1 - Source

Step 2 - Selection file

Step 3 - Selection

Step 4 - Options

Step 5 - Finish

Selection

Use tree below

- ▾ PayloadPublication
 - defaultLanguage
 - feedDescription
 - feedType
 - publicationTime
 - publicationCreator
 - PredefinedLocationsPublication
- ▾ SituationPublication
 - ▾ situation
 - Situation
 - GenericPublication

Previous

Next

DATEX II

Wizard.

This Wizard will guide you creating a DATEX II schema

0%

Step 1 - Source

Step 2 - Selection file

Step 3 - Selection

Step 4 - Options

Step 5 - Finish

Options

Optional Configuration XML file

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- Generater schema with definitions**
- Save selection, to file selection.sel**
- Export Data Dictionary to CSV files**

Click next to generate schema

Previous

Next

DATEX II

Wizard.

This Wizard will guide you creating a DATEX II schema

0%

Step 1 - Source

Step 2 - Selection file

Step 3 - Selection

Step 4 - Options

Step 5 - Finish



Previous

Next

Log

```
8:18:08 PM - [System] - log started with log level = Debug = 3
8:18:09 PM - [System] - Start loading 'pim-situation-30.xml'
8:18:10 PM - [System] - XMI version is '2.1'
8:18:15 PM - [System] - Start checking compliance with Level A
8:18:15 PM - [System] - Model is compliant with Level A

8:19:29 PM - [System] - log started with log level = Debug = 3
8:19:29 PM - [System] - Start checking compliance with Level A
8:19:29 PM - [System] - Model is compliant with Level A
8:19:29 PM - [System] - Start checking the constrains
8:19:29 PM - [Debug] - the model has no attribute scope violations
```

DATEX II