

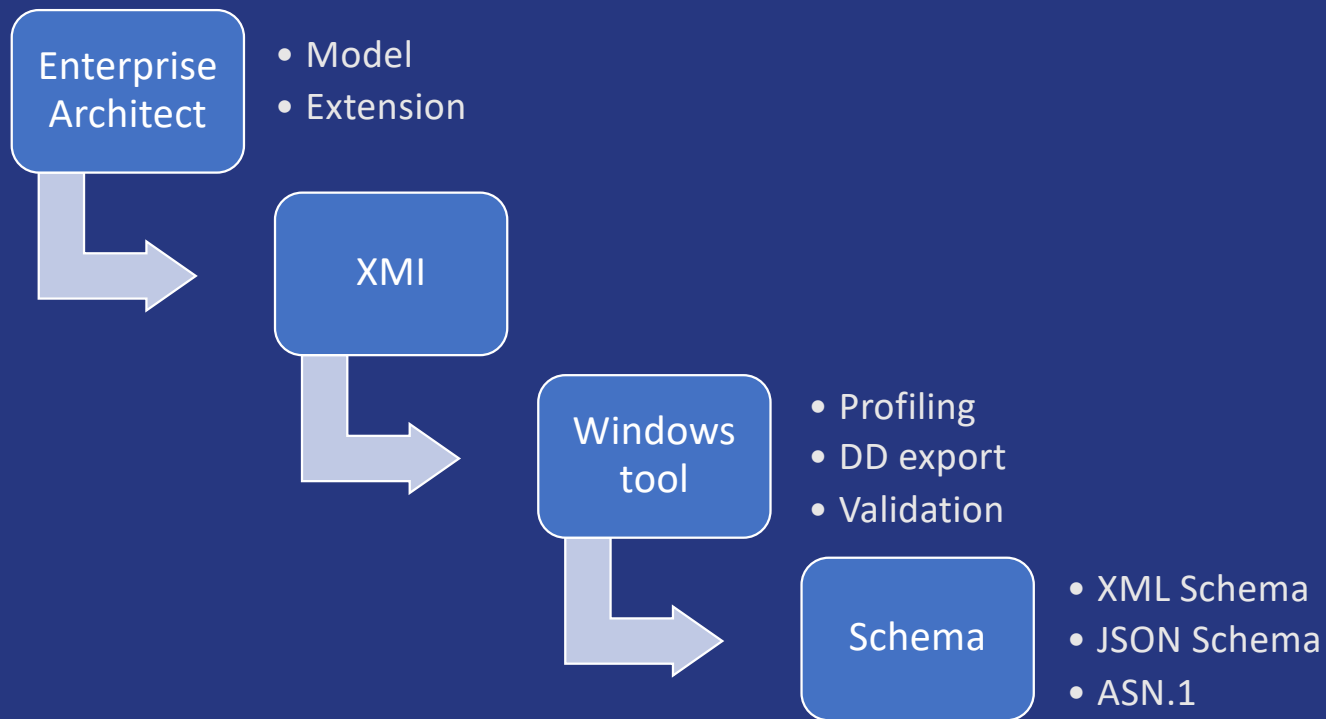
# DATEX II

## Introduction to DATEX II technology, tools

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6<sup>TH</sup> FORUM  
WEBINAR SERIES

# Process: the old way or advanced user

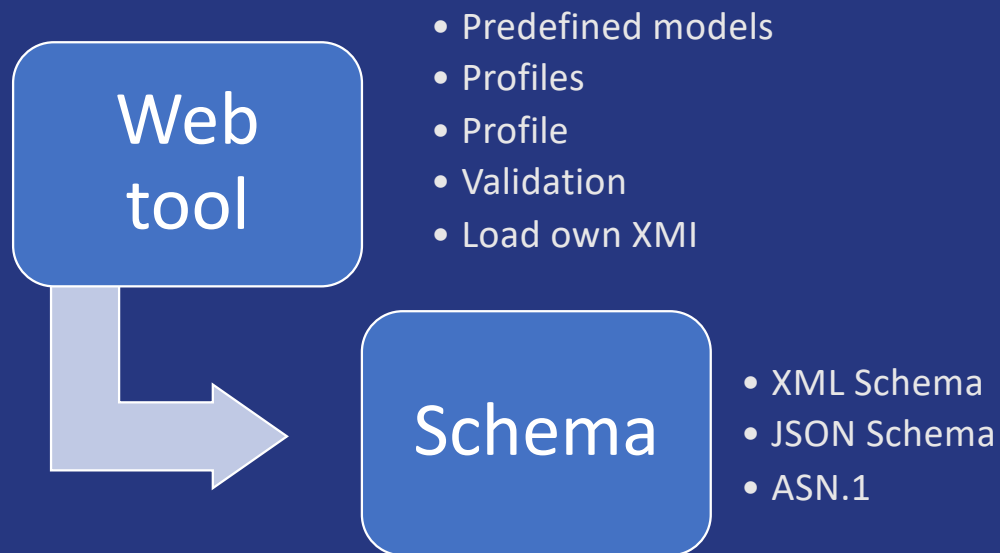


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# Process: "normal" user

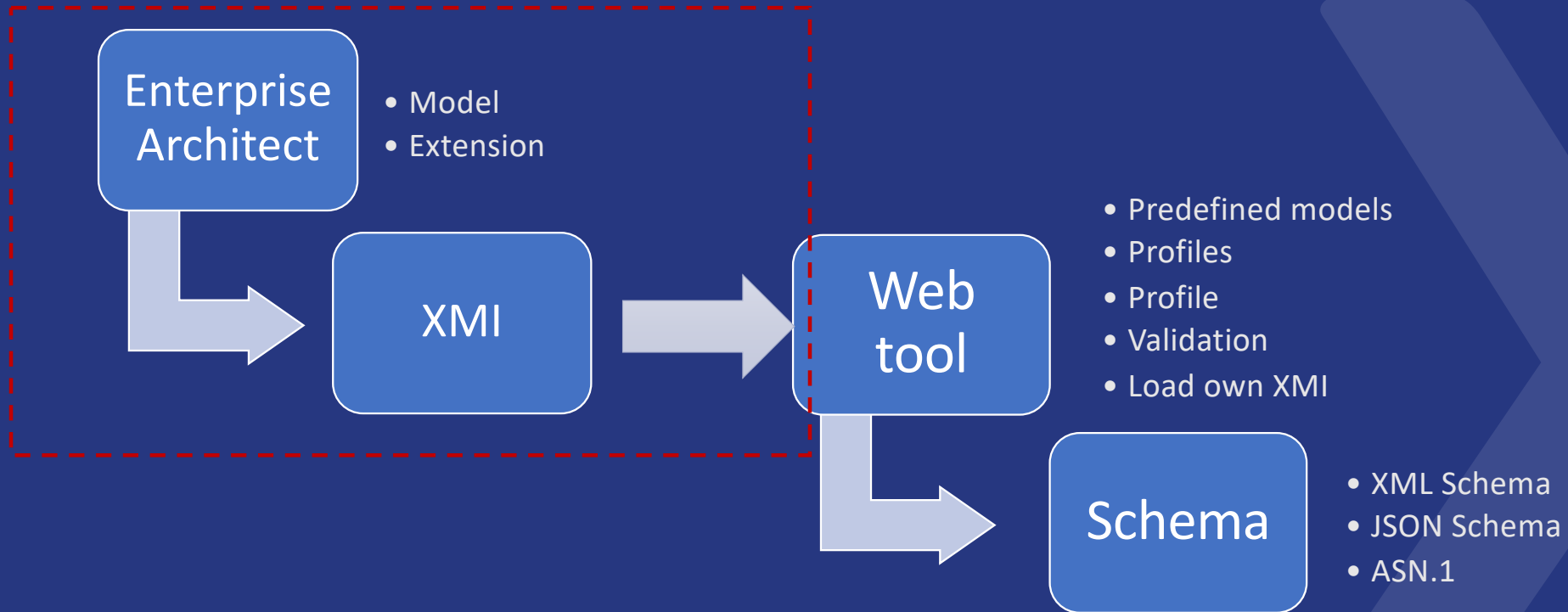


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# Process "normal" user



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# Web tool

- Main goal with the tool is to create schema for your profile
- Follow link from [datex2.eu](https://datex2.eu)
- <https://webtool.datex2.eu/wizard/>

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1. Source 2. Selection file 3. Profile Selection 4. Profile Location 5. Selection 6. Options 7. Finish

## Select source

Predefined model Your own model/config

### Available models/profiles

- V3.1 DATEX II Situation with VMS and Trafficedata** DATEX II model with the "Common", "Location", "Situation", "RoadTrafficdata" and "VMS" namespaces present.
- V3.1 DATEX II PIM** DATEX II model with the "Common", "Location", "Situation", "RoadTrafficdata" and "VMS" namespaces and also v2-based content for the Parking namespace.

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Show help



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1. Source
2. Selection file
3. Profile Selection
4. Profile Location
5. Selection
6. Options
7. Finish

## Choose optional selection

Selection from profile   Your own selection

Use the selection defined by the profile

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1. Source
2. Selection file
3. Profile Selection
4. Profile Location
5. Selection
6. Options
7. Finish

## Choose optional selection

Selection from profile

Your own selection

Choose selection file

SelectionFile

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## Choose optional Recommended Reference Profiles

Select RRP profiles    Select RSP profiles

### Choose optional Recommended Reference Profiles

- A: MMTIS: Delegated Regulation (EU) 1926/2017
- B: RTT: Delegated Regulation (EU) 962/2015
- C: SRT: Delegated Regulation (EU) 886/2013
  - Situation
    - Animal, people, obstacles, debris on the road
    - Unprotected accident area
    - Short-term road works
    - Reduced visibility
    - Wrong-way driver
    - Unmanaged blockage of a road
    - Exceptional weather conditions
    - Temporary slippery road
- E: Safe and secure truck parking places: Delegated Regulation (EU) 885/2013

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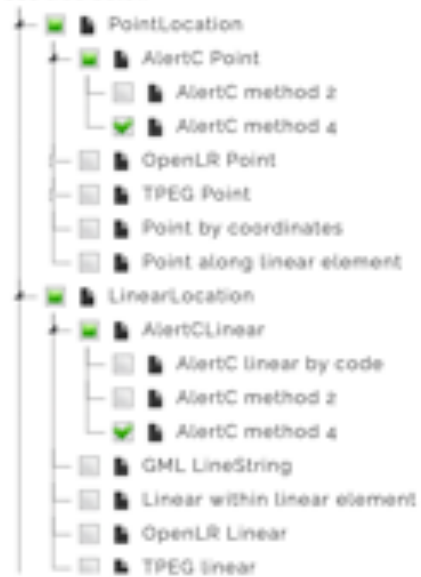
Restart

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1. Source
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7. Finish

## Location Selection

Use tree below



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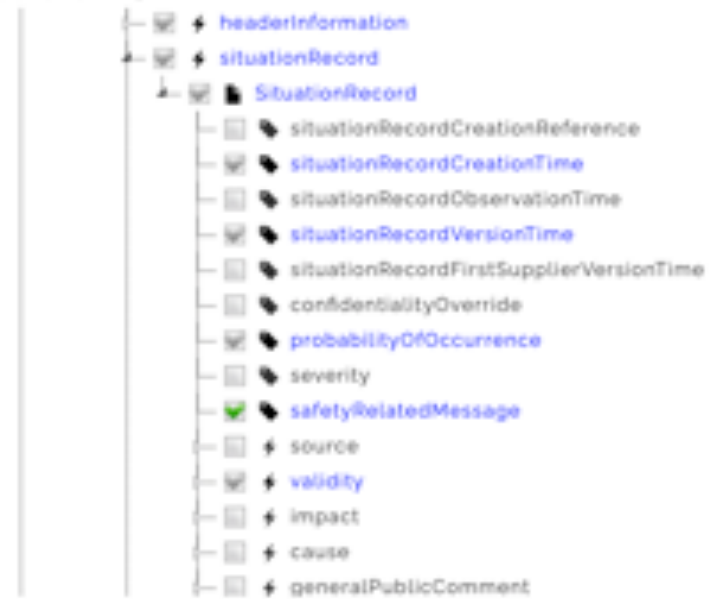
Restart

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## Selection

Use tree below ⓘ



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1. Source 2. Selection file 3. Profile Selection 4. Profile Location 5. Selection 6. Options 7. Finish

## Options

Select target PSM  XML Schema  JSON Schema  ASN1 Schema(Experimental)

Generate schema with definitions

Save selection to file selection.sel

Export Data Dictionary to CSV files

Click next to generate schema

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- 1. Source
- 2. Selection file
- 3. Profile Selection
- 4. Profile Location
- 5. Selection
- 6. Options
- 7. Finish**

## Finished!!

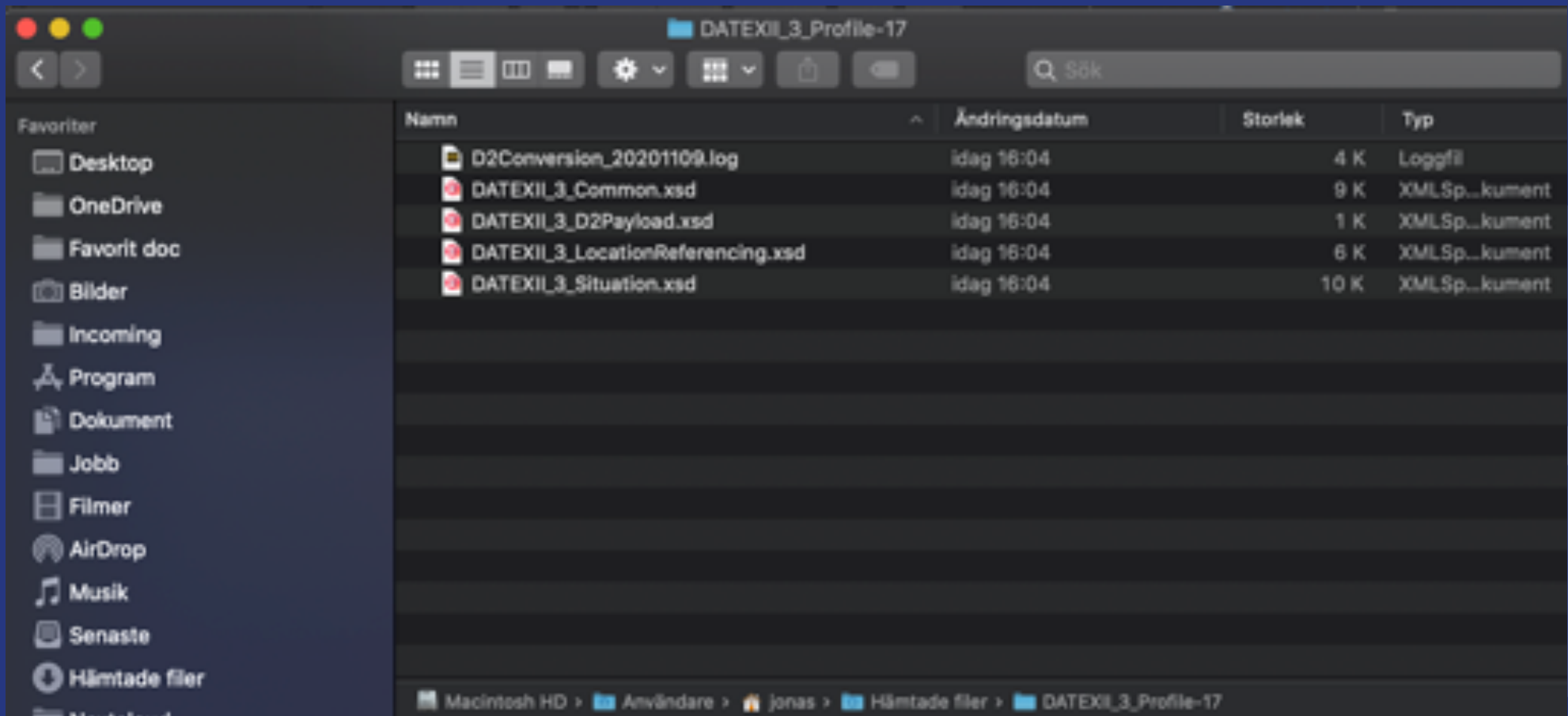
Wait for schema to be downloaded

### Log

```
4:04:07 PM - [System] - log started with log level - Debug - 3
4:04:07 PM - [System] - Start checking compliance with Level A
4:04:07 PM - [System] - Model is compliant with Level A
4:04:07 PM - [System] - Start checking the constrains
4:04:07 PM - [Debug] - the model has no attribute scope violations
4:04:07 PM - [Debug] - the model has no illegal order numbers
4:04:07 PM - [Debug] - the model has no attributes that have a missing data type
4:04:07 PM - [Debug] - the model has no attributes with attribute tagged value set to yes and upper multiplicity unbounded
4:04:07 PM - [Debug] - the model has no roles without definitions that point to the same target.
4:04:07 PM - [Debug] - the model does not contain forbidden cycles.
4:04:07 PM - [Debug] - the model has no schemaType tagged values that are not allowed.
4:04:07 PM - [Debug] - the model is according to the naming convention
4:04:07 PM - [Debug] - the model has no missing definitions on classes.
4:04:07 PM - [Debug] - the model has no missing definitions on attributes.
4:04:07 PM - [Debug] - the model has no missing definitions on datatypes, enumerations or enumeration literals.
4:04:07 PM - [Debug] - the model has no schemaType and schemaTypeInclude tagged values on the same datatype.
4:04:07 PM - [Debug] - the model has no targetClass tagged value pointing to a nonexisting class.
4:04:07 PM - [Debug] - the model has no foreign attributes that violates the rules.
```

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Finish



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Thank you

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