DATEX II

Conversation menu

OpenLR implementation in DATEX II

Ed Ooms, National Data Warehouse for Traffic Information, the Netherlands

OpenLR in general, what is openLR and how do I use it in my data?

Explanation of the way openLR is used in The Netherlands

Problems we experience with the Dutch extension for openLR

Differences in the use of the Dutch and Swedish extension for openLR

Differences between openLR and AlertC location reference

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How to simplify running V2 and V3 in parallel

Jonas Jäderberg, Trafikverket, Sweden

Why run two versions in parallel?

Options for releasing new versions that breaks interface
Run versions in parallel and migrate all to new interface
Set a date and force all to update that date

Best practice: Separate internal contracted from external contracts

Running two versions in parallel, for how long?

Mapping between different versions

Mapping 2.3 <-> 3.0

Mapping options (Xslt 2.0, Code)

How to know what has changed?
Enumeration literals, DD comparison
Compare models manually

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DATEX II transport mechanisms

Ian Cornwell, Highways England, United Kingdom

Working with DATEX II and Java

SOAP client code generation from DATEX WSDL using Apache CXF

SOAP server code generation from DATEX WSDL using Apache CXF

May 23rd / 24th 2018

Forum

Utrecht

DATEX II

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Filtering of messages

Paal Aaserud, NPRA, Norway

Why client side filtering ?

Denormalization of the DATEX II XML-publication
Using a schemeless document datebase (MongoDB)
Using a traditional RDMS (Oracle)

Filtering using OGC standards WMS and WFS
Filtering using a document database based on GeoJson documents
Filtering using well knowd SQL

Mapping from XML to GeoJson a two-stage process

Best practice using frameworks that supports OGC

Dilemma and end-user functionality with respect to the DATEX II standard

European Commission