EASYWAY ES5

RELEASE NOTES DATEX II VERSION 2.2

31 May 2013

European Commission

Directorate General for Transport and Energy

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1. Introduction

These Release notes describe the modifications made to the previous DATEX II version in order to come to the current version. Chapter 2 gives a short motivation for the release of this version of DATEX II. The following chapters describe per DATEX II configuration item the changes made to that item in comparison to the previous version.

1.1. Current version

DATEX II version 2.1
This version contains:

Item	Version	Date
DATEX II Modelling Methodology	2.1	31-5-2012
Data model	2.2	31-5-2013
Tool to generate schemas (incl. sources)	2.2	31-5-2013
Exchange PSM	2.0	30-6-2011
WSDLs	2.0	21-1-2011
XML Schema	2.2	31-5-2013
Documentation on DATEX II standard		
Guidelines		
User guide	2.2	30-6-2013
SW developers guideline	2.2	31-5-2013
XML schema tool guide	2.2	31-5-2013
Extension guideline	2.2	31-5-2013
Profiling guideline	2.2	31-5-2013
Supporting documentation		
Example messages	2.2	31-5-2013
Exchange PIM	1.01	08-2-2005
Data definitions (data dictionary)	2.2	31-5-2013
Release notes.	V2.2 (this document)	31-5-2013

1.2. Previous versions

DATEX II version 2.1

Item	Version	Date
DATEX II Modelling Methodology	2.1	31-5-2012
Data model	2.1	31-5-2012
Tool to generate schemas (incl. sources)	2.1	31-5-2012
Exchange PSM	2.0	30-6-2011
WSDLs	2.0	21-1-2011
XML Schema	2.1	31-5-2012
Documentation on DATEX II standard		
Guidelines		
User guide	1.2	30-6-2011
SW developers guideline	1.0	31-5-2012
XML schema tool guide	2.1	31-5-2012
Extension guideline	2.1	31-5-2012
Profiling guideline	2.1	31-5-2012
Supporting documentation		
Example messages	2.1	31-5-2012
Exchange PIM	1.01	08-2-2005
Data definitions (data dictionary)	2.1	31-5-2012
Release notes.	V2.1	31-5-2012

DATEX II version 2.0

Item	Version	Date
DATEX II Modelling Methodology	*2.0*	*30-6-2011*
Data model	*2.0*	*30-6-2011*
Tool to generate schemas (incl. sources)	*2.0*	*30-6-2011*
Exchange PSM incl. WSDLs	*2.0*	*30-6-2011*
XML Schema	*2.0*	*30-6-2011*
Documentation on DATEX II standard	*2.0*	*30-6-2011*
Guidelines	*2.0*	*30-6-2011*
User guide		
SW developers guideline		
XML schema tool guide		
Extension guideline	*Did not exist*	
Profiling guideline	*Did not exist*	
Supporting documentation	*2.0*	*30-6-2011*
Example messages		
Exchange PIM		
Data definitions (data dictionary)		
Release notes.	*V2.0*	*24-6-2011*

2. Rationale for this release of DATEX II

DATEX II version 2.2 is developed to:
- Fix a number of bugs in:
  - o Data model
  - o Conversion tool

3. Modelling methodology

Modifications to the previous version are:

- Document references updated on front page and page 2 (pending!); table of contents updated

4. Data Model

CONTENT PIM v2.2 RELEASE NOTES (v2.1 to v2.2 changes)	
Subject	Release Notes
Bugfix 103	The new definition of the TrafficHeadway class is now "Averaged measurements or calculations of traffic headway, i.e. the distance or time interval between vehicles. This measure is measured from the head of one vehicle to the head of the following vehicle."
Bugfix 111	The definition of the TravelTimeData class has been changed to: "Derived/computed travel time information relating to a linear section of the road network; forecast = true means a forecast for a vehicle at the start of the specified location, forecast = false means calculation/measurement at the end." It had to be shortened compared to the proposal in the issue report since there is a seemingly limitation of the content of tagged values.
Bugfix 113	The hew definition of class BasicData is now "Data that is either measured or calculated (elaborated) at the same time or over the same time period."

5. Tool to generate schemas

Modifications to the previous version are:

Schema generation tool v2.2 RELEASE NOTES (v2.1 to v2.2 changes)	
Subject	Release Notes
Time for deseleting enumeration literals is immense (ID 95)	Enhanced performance when selecting/deselecting enumerations literals.
Tool crashes on huge models (ID 119)	When working with a huge model and using the selection feature, the tool could crash. Fixed and optimized the selection feature.

6. Exchange PSM and WSDLs

- Only modified references in document.
- Changed and modified WSDLs (Modifications in WSDLs to refer to correct xsd schemas etc.)

7. XML schema

New schema created with new version of the tool in order to incorporate amendments in definitions.

7.1. User guide

Version update. No content changes.

7.2. SW developers guideline

Version update. No content changes.

7.3. XML schema tool guide

Version update. No content changes.

7.4. Extension guideline

Version update. No content changes.

7.5. Profiling guideline

Version update. No content changes.

8. Documentation on DATEX II (supporting)

8.1. Example messages

New message set due to model modifications

8.2. Exchange PIM

No modifications

8.3. Data definitions

Modified lists due to modifications in model.