



EasyWay



DATEX II release schedule

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The challenge is to strike a balance between flexibility (new requirements) and stability (protect investment)

New users / systems

- Want DATEX II to serve their needs, although not being incorporated into current version
- Want DATEX II to be able to cope with innovation
- Do not want to be constrained in their applications by limitations of an interface standard
- Do not want to wait for many years before they see their requirements being reflected in DATEX II

Existing users / systems

- Want their investment being protected, at least for a reasonable amount of time
- Do not want to lose interoperability due to new requirements of other stakeholders being incorporated into DATEX II
- Want early visibility of changes in the future, so they can adjust their planning

The solution: predefined release schedule



The basic idea is to publish a predefined release schedule for the short to mid term future

Main releases (1.x, 2.x, ...) shall be aligned with the iteration cycles of the standardisation documents (typically 3/5 years)

Minor releases (x.0, x.1, ...) shall not jeopardise interoperability (“backwards compatible”)

- In the sense –at least – that x.n XML documents shall validate with the x.n+1 schema and x.n+1 documents shall validate with the x.n schema if new features are not used
- Typically this means incorporating new, optional content (e.g. Include extensions into the level A model)

One (important!) exception: bug fixes

- If there are errors found in the current model that make the model as a whole – or parts of it – unusable, these will be fixed
- Changes are limited to erroneous parts of the model
- Backwards compatibility is not an issue since modified parts didn't work anyway
- Implementations are expected to cope with the fix (no new version!)

DATEX II v1.0: December 2006

- The initial release of DATEX II (based on D2 project output plus additional work and i2tern demonstration)
- First operational implementations already in the field
- Led to the decision to start DATEX II standardisation

DATEX II v2.0:

- First three work items started by CEN TC278 WG8
 - Part 1: context and framework
 - Part 2: location referencing
 - Part 3: SituationPublication – the “typical” traffic information message
- Decision to align the v2.0 release with the standardisation documents
- The standardisation process requires iterations. Called “Release Candidates”
 - RC1 – used to start the work items already with initial drafts: July 2009
 - RC2 – reflecting stakeholder and CEN feedback: January 2010
 - Final Release: corresponding to voted TS, expected before the end of 2010

There is some discussion whether an RC3 might be needed

Current work items already agreed or at least proposed for elaboration in EasyWay

New content

- The new VMS publication model in cooperation with ESG4
(this may lead to new service definitions beyond mere data extensions!)
 - Already affects first standards (part 3) where VMS information is provided as part of an ordinary traffic information/management message
 - Is likely to be launched as next part for standardisation
- Improved parking model, based on collaboration with ESG3
(this may lead to new service definitions beyond mere data extensions!)
- Model input for better support for Traffic Management Plans (TMPs)
(this may lead to new service definitions beyond mere data extensions!)
- Data quality publication & markup
 - Impact on standardisation is not yet clear
- CCTV information (not the pictures, but the metadata plus links)
- Dangerous Goods, based on cooperation with UN WG Telematics
 - Impact on standardisation is not yet clear

The ESG5 work is aiming to be as transparent as possible

A clear, predefined release schedule will help users in planning future system upgrades

The process of proposing future features and content is firmly based on the *rules of procedure* and published via the website

Users can use the website to provide requirements and comment on proposals

The process is built on the lessons learned from TMC, where users get clear statements about future features without having to wait for the formal standardisation procedures

We need active stakeholder participation and feedback to make this process successful! Please, make yourself heard via the DATEX II website and inside EasyWay!