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Subject: Re: Timetable updates

Posted by [tobias](#) on Tue, 13 Apr 2004 15:26:16 GMT

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Thomas Kauer wrote:

- > In respect to possible future use of the timetable-schema as an interface
- > for programs that treat with actual trains and not only with longtime
- > planning it should support the possibility to give delta-informations for
- > existing timetable data. So it would be useful to add the proposed
- > attribute <status>.
- > The <date> of the last change would be used in this respect to decide for
- > multiple changes which one is the last, that is to say which one is valid.

An example where one would definitely need delta-information is a day-of-operation system for railway companies. In such a system there would be several updates per second.

It has to be asked if the <status> attribute is adequate for indicating changes. It could be if there existed some identity for each train, but an artificial identity (like train number + date) is not enough. For example, how would I send the information that train number 4711 is now called 4712?

> Joachim Rubröder wrote:

- >> This case is not especially treated in the schema. But you are free to
- >> put a whole big timetable with thousand trains in a file, or to send
- >> just a few update-trains. I think this is a task for the receiving
- >> program to identify the trains as new or known ones.

- >> There is the <date> attribute in <train> which could be used as date of
- >> the last change and I thought about adding another optional attribute
- >> <status> in the <train> element (as used within SBB) wick could have
- >> values like "new", "changed", "omitted", ...
- >> Would this be helpful?

>> Joachim Rubröder

>> Tobias Bende schrieb:

- >>> I have a question on updates of existing timetables. Given that a file
- >>> with a complete timetable (especially in a format like RailML) is very
- >>> large it is in practice often desirable to be able to send updates when
- >>> something changes as opposed to recreate and send the entire file. Is
- >>> this

>>> something that has been considered?

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>>> Tobias Bende

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