
Subject: Feature requests for timetable schema
Posted by [susi](#) on Tue, 04 Mar 2008 22:24:55 GMT

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Hello,

in current projects there occurred amongst others the following feature requests for timetable sub schema:

- * a "trainPart" structure parallel to "trains" with quite all attributes from "train", only the "formation" with its data should be fix for "trainPart"; references from "train" to "trainPart"s and back should be optional
- * operating-period-depended formation data for "train", e.g. other formation at weekend, but same train
- * an in-between element between "train" and "entry" for section information along some track (e. g. between major stations), some of current "section" data could be transferred into
- * attributes for reservation data: booking number of actual wagons
- * actual brake usage data about "formation" used in timetable, independent from brake possibilities in rollingstock
- * actual passenger data about seat capacity in 1st and 2nd class and catering in timetable, independent from possibilities in rollingstock
- * ...

On 13th meeting in Bern, I will present some ideas for integrating it in current railML 1.1

Feel free to comment, discuss or expand.

See you at meeting.

Best regards,
Susanne Wunsch.

Subject: Re: Feature requests for timetable schema
Posted by [Joachim Rubröder railML](#) on Wed, 12 Mar 2008 16:33:48 GMT
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Hi,

here some feedback on your requests:

- * a "trainPart" structure parallel to "trains" with quite all attributes from "train"

-> I dislike the duplication of the structures, but I agree that your "trainParts" cover a new aspect connected with rosterings.

What about declaring the current "train" as being the same as your "trainPart"? We could also declare the formation as fixed within a "train". Beside this, we could establish a new structure called "trainGroup" (because there are some relations to the current trainGroupID) with references to the trains in the way you suggested. Please make a more detailed proposal (here in the forum), so that we can discuss about it and may get some feedback from other users.

- * operating-period-depended formation data for "train"

-> this should be easy, with an optional operatingPeriodRefId at the formationTT-Element

- * an in-between element between "train" and "entry" for section information along some track

-> the current section was meant to describe data for the part between two adjacent entries. The drawback is, that it has a sectionID but nothing to reference within the infrastructure schema. Your new routeSection would be quite the same on a higher level but also without references to the infrastructure. What about using the current or modified "section"-element in your sense, located only at selected entries? I would prefer this way, until we have a corresponding (station-based) structure inside the infrastructure schema.

- * attributes for reservation data: booking number of actual wagons

-> interesting new aspect, please make a detailed suggestion (here in the forum) how this could be done

- * actual brake usage data about "formation" used in timetable,

-> I agree to build a "formationTT" or "formationUsage" as sub element of an entry. This should also contain the existing "dynamic"-element with the brake usage data.

- * actual passenger data about seat capacity in 1st and 2nd class and

-> interesting new aspect, please make a detailed suggestion (here in the forum) how this could be done

Best regards,
Joachim Rubröder
