
Subject: Passing times in timetable
Posted by [at](#) on Wed, 02 Sep 2009 14:35:01 GMT
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Hi everybody,
we are just working on a project concerning Intercity train traffic and in the timetables of intercity trains we found some passing times mentioned for intermediate stations. I am wondering how to put them in railML.

I think that from an operational point of view, exact passing times should be mentioned somewhere.
I suggest using an additional option for eEntry/stopDescription : passing and to define an additional attribute for eTimetableentries/entry such as passingTime.

Or shall I use one of the tSection attributes? But this doesn't seem as clear as putting them somewhere explicitly.

Regards
Thomas
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Subject: Re: Passing times in timetable
Posted by [Joachim Rubröder railML](#) on Fri, 04 Sep 2009 09:12:03 GMT
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Hi Thomas,
a passing time (at which the train passes the operation control point) is typically mentioned as normal "departure" time for the entry. The attribute type="pass" (V 1.1) or ocpType="pass" (V2.0) indicates, that there is no stop at this station. But if you think of a passing time in the sense of "a duration for passing a station", we would need a new attribute.

By the way, I'm thinking of a redesign of all the confusing different "times" attributes in railML 2.0:

"times"
as subelement of an entry (V1.1) = ocpTT (2.0) would contain all kinds of

arrival and departure times (published, calculated, earliest, ...)

"stopTimes"

as subelement of a "stopDescription" would contain all kinds of stopping durations

- minimal stop time (minStopTime)
- operational stop time reserve (opStopTimeReserve = addStopTime in V1.1), could be used for "stop on demand"
- additional stop time reserve (addStopTimeReserve = supStopTime in V1.1)
- shuntingTime (new, needed for rostering)
- clearance time (new)

"runTimes"

as subelement of a "sectionTT" would contain all kinds of running durations between ocpTTs, beginning at this ocpTT

- minimal run time (minRunTime)
- operational run time reserve (opRunTimeReserve = addRunTime in V1.1), typically containing maintenance reserves
- additional run time reserve (addRunTimeReserve = supRunTime in V1.1), for other purposes e.g. cadencial timetables

do you think, this would be more understandable and reasonable?

Kind regards,
Joachim

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Joachim Rubröder
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