Subject: [railML3] Suggested change for railML 3.3 Timetable regarding times at passing points
Posted by Milan Wölke on Thu, 21 Mar 2024 12:53:32 GMT
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Hello,

in our last timetable developer meeting we discussed about the pros and cons of TT:014 in railML 2. This semantic constraint specifies that when describing pass through point no arrival time shall be given (https://wiki2.railml.org/wiki/TT:times_ocpTT_ocpsTT_trainPar t#Semantic_Constraints_/_Semantische_Beschr%C3%A4nkungen). During this discussion we also came across the fact that in the timetable model of railML 3 the same semantic constrain could make sense. However one of the goals when modelling railML 3 was to reduce the need for semantic constraints. It was therefore suggested to change the modelling in railML 3 to syntactically ensure that only one time was provided for a passthrough. That would mean that the times that in railML 3.2 are specified an the level of the baseItineraryPoint would be moved to the pass and stop element that are children of baseItineraryPoint. Like this under pass it would only be possible to specify the departure time while for stop it would remain to be possible to specify arrival and departure.

Please also take a look at the attached screenshot to get a better understanding of the intended change.

What does the community think about this change. Is there an argument that would go against this modification? One of the drawbacks would of course be that under the current rules for changing existing modelling the original location of times as direct child of baseItineraryPoint would become deprecated in railML 3.3 with the additional way of specifying times at the new locations.

Let me know what you think.

Best regards, Milan

File Attachments

1) screenshot for forum post.png, downloaded 32 times