Subject: Re: Haltetafel / stop post
Posted by   on Tue, 09 Oct 2012 09:01:47 GMT
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Dear Christian,

the summary of attributes/parameters for <stopPost> sounds good. Some short notes:

1) I think we need one more attribute/parameter defining the relation of the stop post to the train. (There were earlier discussions about that feature.) It should be something with the enumerations "frontOfTrain" / "mittleOfTrain" / "endOfTrain":

Most "normal" stop posts we know (from Germany) are valid for the front of the train and are non-virtual. But this is not always the case. For instance in Czech Republic, there are virtual stop posts valid for the end of the train. The virtual stop post stands at the beginning of the platform because the stairs/elevators are at the beginning of the platform. This virtual stop post is valid for the end of the train, which means that the train should not move further forward that that its last door is at the rear end (=beginning) of the platform. This is to avoid an unnecessary long walk for the passengers.

Such virtual stop posts are programmed in the Czech "black boxes" (ATO), and they are therefor "really" existing in software (in practice).

It is also a matter of some national ETCS instances but (unfortunately, in my opinion) not very common in Germany due to the "relying on old INDUSI philosophy". But that should not mean that we forget or ignore it in RailML.

2) Concerning the attributes trainLength, axleCount, wagonCount I would prefer a clarification of the relation: maxAxleCount, maxTrainLength, maxWagonCount. Theoretically you could then also add the other boundaries: minAxleCount, minTrainLength, minWagonCount but they would not have equivalence in practice as far as I know - but again: We should not rely too much at German experience but in case of doubt rather be a little bit more theoretical.

3) Concerning the attribute "validForMovements" is should be possible to enumerate more than one value.

Would be nice if you could consider these notes before releasing 2.2.

Thank you,
Best regards,
Dirk.