Subject: [railML2] Extension proposal: train numbers in <trainGroup> and a "group of groups"
Posted by Janne Möller   on Tue, 13 Oct 2020 12:45:46 GMT
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Dear railML-community,

In the Norwegian railway sector, we would like to be able to characterise a train group by a set of train numbers. This will make it possible for us to map the service the trains of this train group belong to when exchanging data between different actors of the sector. That is why we extended the element <trainGroup> by the attributes @nor:trainNumbersFrom and @nor:trainNumbersTo in railML2.4nor.

We also want to group different train groups. The reason for this is that services of the same line might belong to different train groups because of their deviation of characteristics, but a group of groups would allow us to indicate that they belong to the same service. An example would be a train group of the extra rush trains of a line that can for example have a different stopping pattern than the regular trains, and a train group of the regular trains of this line. We can create a "group of groups" of the two mentioned. This group of groups will contain the train numbers, but not a <trainRef> for every train. By introducing an attribute @nor:parentRef we can refer to the "group of groups" from inside a "normal" train group.

Any feedback is highly appreciated.

Best regards,
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