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Subject: Re: [railML3] Restricting IS:line and RTM:linearPositioningSystem

Posted by [David Lichti](#) on Thu, 13 Jun 2024 05:11:42 GMT

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I share Michael's concerns. As a data provider, we could only provide these values for the @startMeasure and @endMeasure attribute by calculating the minimum and maximum of all known linear positions associated to a linear positioning system.

This would not only be computationally quite expensive. The accuracy of these results would also depend on the available infrastructure data covering both end points of the linear positioning system. This is something we have no control over. In our (Hacon/TPS) infrastructure model, linear positioning systems are nothing but a label to specify linear positions. On data import, we do not use explicit value ranges. And on export, we cannot give any reliable and meaningful values.

I, therefore, suggest to make these two attributes optional. This would get around the need to update linear positioning system data when merging data from partial surveys at Bahnkonzept. And it would allow us to use the native linear positioning systems for the POMA use case.

Best regards

David

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