
Subject: Re: [railML3] Mandatory <length> element for <track>s
Posted by on Thu, 29 Aug 2019 15:16:18 GMT

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Dear Christian,

I haven't quite understood the background yet. Apparently the <length> element is necessary to calculate the position of elements. But aren't the positioning systems in the topology layer intended for this? Apart from that, the scheme only specifies that I have to specify at least one <length> sub-element for a <track> element, but not which one. For example, it is possible to specify different <length> elements for both directions or to distinguish between operational and constructional length. This certainly makes sense for defining different operational effective lengths of a track, but is not suitable for calculating positions and distances.

If the <length> property must actually be mandatory, because it is required for the calculation of positions, then it should also be forced in the scheme that it is the structural length of the <track>, which must also be identical for both directions.

Best regards Christian

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