Subject: Re: [railML2] Extension proposal: Stopping point reference for elements not of type <stopPost>
Posted by   on Wed, 28 Oct 2020 09:52:24 GMT
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Hello Janne,

I can understand the background to your extensions in general. I'm not an infrastructure expert, but from my point of view I have two comments on this:
- The element <stopPost> provides an attribute "virtual". According to the description in the railML-Wiki, it can be used to defines stop positions for which there is no physical stop post on the track. If your usecase is only about specifying the stopping position of a train, this would be possible with this attribute.
- If you want to indicate explicitly that the train stops at a certain infrastructure element (signal / switch) and the reference to this element is important, the above solution is probably not an alternative for you. But I would prefer not to use a generic attribute for references to all possible infrastructure elements, because references to elements are (as far as I can see) always type-specific in railML2. Instead, I would provide one separate attribute or element per element type (signalRef, switchRef and so on). The usage of an element would have the advantage that additional element-specific information could be included, e.g. on which end of a switch the train should stop exactly.

Kind regards
Christian Rößiger

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iRFP e. K. · Institut für Regional- und Fernverkehrsplanung
Hochschulstr. 45, 01069 Dresden
Tel. +49 351 4706819 · Fax. +49 351 4768190 · www.irfp.de
Registergericht: Amtsgericht Dresden, HRA 9347