Subject: [railML3] How to model operational point centers at different tracks.
Posted by Dominik Looser on Fri, 12 May 2023 09:19:52 GMT
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Dear community,

In railML 2.x, <crossSection> elements can be placed on each track of an OCP, with different absPos values for each track.
This way, different mileage values can be modelled for each track of an OCP.

How can this be achieved with railML3.2? I have not found any IS or IL element that seems to have a similar function than <crossSection>. Or is there another way to model this?

Thank you and best regards,
Dominik Looser

Subject: Re: [railML3] How to model operational point centers at different tracks.
Posted by christian.rahmig on Thu, 25 May 2023 18:18:50 GMT
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Dear Dominik,

in railML 3.2 all infrastructure elements are placed with one or more <*Location> element(s) on the topology (netElement). This applies also for the <operationalPoint> that is used to model a station. The element corresponding to the <crossSection> in railML 2 is the <spotLocation> in railML 3. For one <operationalPoint>, you may define several <spotLocation> child elements, e.g. one for each <netElement> covered by a station track.

Does this approach fulfill your needs or do you have additional requirements?

Best regards
Christian

Subject: Re: [railML3] How to model operational point centers at different tracks.
Posted by Dominik Looser on Fri, 26 May 2023 11:37:20 GMT
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Dear Christian,

Thank you for the answer. This fulfills our needs perfectly and we will use it like this.

Best regards
Dominik