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Subject: [railML3] <border> of type infrastructureManager  
Posted by [Larissa Zhuchyi](#) on Thu, 26 Oct 2023 08:10:12 GMT  
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Dear all

Currently railML ontology is under development [1] aiming at the harmonization (transformation) of railML2 and railML3. This forum post is related to <border> of type infrastructureManager of railML3.

Intuitively <ownerChange> of railML2 should be mapped to <border> of railML3. The problem is that <ownerChange> of railML2 has the additional attribute @infrastructureManagerRef to reference presumably following owner of the railway tracks.

In railML3 <border> of type infrastructureManager misses this reference. Thus when transforming railML2 to railML3 information on @infrastructureManagerRef is lost.

Even when not speaking about railML2 to railML3 mapping, railML3 data on <border> of type infrastructureManager without references seems incomplete.

railML.org would be grateful if you could communicate your thoughts on the following points:

- (1) should railML 3.3 be extended by @infrastructureManagerRef for <border> element?
- (2) do you see any other ways (implicit) to refer to infrastructure manager from <border> of type infrastructureManager in railML3?

[1] <https://www.railml.org/en/public-relations/news/reader/railml-ontology-subgroup-started.html>

Sincerely,

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Subject: Re: [railML3] <border> of type infrastructureManager  
Posted by [Michael Gruschwitz](#) on Mon, 11 Mar 2024 18:44:51 GMT  
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Dear colleagues!

Am 26.10.2023 um 10:10 schrieb Larysa Zhuchyi:

- > railML.org would be grateful if you could communicate your
- > thoughts on the following points:
- > (1) should railML 3.3 be extended by
- > @infrastructureManagerRef for <border> element?
- > (2) do you see any other ways (implicit) to refer to
- > infrastructure manager from <border> of type
- > infrastructureManager in railML3?

Regarding question 1: Yes, please.

Regarding question 1: No, and we would appreciate it if we could explicitly express the data to be exchanged.

I would leave the exact modelling to the experts.  
We would be happy if such a modelling would be done also in a more general way for other borders like country borders (e.g. Germany, Austria, Switzerland, Spain, ...), state borders (e.g. in Germany "Bundesland" or in Switzerland "Kanton") as well.

Best regards,

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Michael Gruschwitz  
Bahnkonzept Dresden/Germany

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Subject: Re: [railML3] <border> of type infrastructureManager  
Posted by [Larissa Zhuchyi](#) on Wed, 13 Mar 2024 13:17:14 GMT  
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Dear all

There is now a ticket/issue for this problem in the GitLab of railML3 [1]. Please let us know if it doesn't meet your expectations.

[1] <https://development.railml.org/railml/version3/-/issues/531>

Sincerely,

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