Subject: [railML3] Concept Location: RTM location association to railML entity
Posted by Fabrizio Cosso on Fri, 15 Sep 2017 09:20:34 GMT

Dear all,
Since I'm new to RailML community I introduce myself: I'm Fabrizio Cosso from Ansaldo STS and
I'm following standardization activities. I'm trying to familiarize with the railMLv3 model.
In the Concept Location class diagram there are associations from RTM classes to railML classes
(i.e. RTM_SpotLocation associated to SpotLocationOnTrack).
Generally speaking is it correct to create an association originating from RTM model towards
railML classes? I would expect link in the opposite direction.

Thanks a lot,

Regards,

Fabrizio Cosso

Subject: Re: [railML3] Concept Location: RTM location association to railML entity
Posted by christian.rahmig on Mon, 20 Nov 2017 15:23:59 GMT

Dear Fabrizio,
dear all,

the issue has been solved with railML 3.1 beta. There is no further
association from a RTM based class to a pure railML class.

Best regards
Christian

Am 15.09.2017 um 11:20 schrieb Fabrizio Cosso:
> Dear all,
> Since I'm new to RailML community I introduce myself: I'm
> Fabrizio Cosso from Ansaldo STS and I'm following
> standardization activities. I'm trying to familiarize with
> the railMLv3 model.
> In the Concept Location class diagram there are associations
> from RTM classes to railML classes (i.e. RTM_SpotLocation
> associated to SpotLocationOnTrack).
> Generally speaking is it correct to create an association
> originating from RTM model towards railML classes? I would
> expect link in the opposite direction.
>
> Thanks a lot,
>
> Regards,

>
> Fabrizio Cosso

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Christian Rahmig - Infrastructure scheme coordinator
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Subject: Re: [railML3] Concept Location: RTM location association to railML entity
Posted by Felix Prüter   on Thu, 05 Jul 2018 08:35:05 GMT
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Dear all,
I might be wrong but to me it (associations from rtm to railml classes) seems to be still there, isn't it?

Please have a look on a screenshot of the aforementioned diagram in the current railML v3.1 beta model:
 https://www.signon-group.de/signoncloud/index.php/s/PvAuBc9E Pn4VJTj

Kind regards

Subject: Re: [railML3] Concept Location: RTM location association to railML entity
Posted by christian.rahmig on Mon, 06 Aug 2018 09:55:44 GMT
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Dear Felix,

Am 05.07.2018 um 10:35 schrieb Felix Prüter:
> Dear all,
> I might be wrong but to me it (associations from rtm to
> railml classes) seems to be still there, isn't it?
>
> Please have a look on a screenshot of the aforementioned
> diagram in the current railML v3.1 beta model:
> https://www.signon-group.de/signoncloud/index.php/s/PvAuBc9E Pn4VJTj
>
> Kind regards

The class Entity is not a RTM class, but derived from
RTM_LocatedNetEntity. Therefore, the extension (references to
GmlLocations etc.) is made from a railML class and not from a RTM class.

From content point of view you are right: While RTM does not have references to specific location extensions like GML or track, railML model has. However, considering the introduction of length information in RTM NetElement as described in forum entry [1], a reference to "trackPosition" and "trackSection" is no longer needed and can be removed from the model. Further, in forum entry [2] I suggested to introduce NetworkLocation as new RTM EntityLocation sub-class.

[1] https://www.railml.org/forum/index.php?t=msg&th=579& start=0&
[2] https://www.railml.org/forum/index.php?t=msg&th=598& start=0&

Best regards
Christian

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