
Subject: [railML3] InfrastructureVisualization
Posted by [Heidrun Jost](#) on Tue, 03 Sep 2019 06:23:10 GMT
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Dear all,

in railML 3.1 the visualization of railway elements are defined in the infrastructure schema as "InfrastructureVisualizations".

Currently there is no possibility to visualize elements without a connection to the infrastructure (e.g. for TVD sections [track vacancy detection sections] or indicating objects from the interlocking schema).

Therefore the following request and proposal:

Is it possible to move the "InfrastructureVisualization" to the common schema as "Visualization" in a future version of railML 3?

Best regards,

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Subject: Re: [railML3] InfrastructureVisualization
Posted by [christian.rahmig](#) on Mon, 07 Oct 2019 19:45:25 GMT
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Dear Heidrun,

Am 03.09.2019 um 08:23 schrieb Heidrun Jost:

> [...]

> Is it possible to move the "InfrastructureVisualization" to the common
> schema as "Visualization" in a future version of railML 3?

thank you for bringing up this topic here in the forum. The generalization from "InfrastructureVisualization" to "visualization" affects also the other schemes: for example, there may be visualizations (aka graphical representations) of timetables, rolling stock material or interlocking issues. Considering this generic and cross-schema approach to visualization, the forum post may be also added to the "misc forum" to reach the whole community.

But more important, dear railML community:
What do you think about the proposal of having a generic approach of "visualization"? Which examples of graphical representations do you think of and which of them require an explicit description of the visualization that cannot be derived directly from the data? Any input on these questions is highly appreciated.

Thank you very much and best regards
Christian

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Subject: Re: [railML3] InfrastructureVisualization
Posted by [christian.rahmig](#) on Mon, 18 Jan 2021 14:49:22 GMT
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Dear all,

individual discussions resulted in some new ideas for adapting the visualization model. Here, I want to present them and ask for your feedback:

- 1) The top level container element shall be <visualization> forming the route for the new visualization schema.
- 2) As a child element of <visualization> the element <views> shall be handled as container for all the different views of data. It is basically a re-naming of the element <visualizations> as known before.
- 3) The element <view> holds a graphical data representation. It is basically a re-naming of the element <visualization> as known before.
- 4) A <view> shall be of a specific type. Therefore, an enumeration attribute @type (values "infrastructure", "timetable", "rollingstock", ...) shall be added to <view>.

Any comments on these ideas are highly appreciated...

Thank you very much and best regards
Christian

Subject: Re: [railML3] InfrastructureVisualization
Posted by [christian.rahmig](#) on Fri, 14 Jan 2022 13:33:06 GMT

Dear all,

almost one year ago I presented a proposal for a re-modelling of the visualization model. So far, I have not received any feedback from the community. Does this mean that there is no interest in changing the visualization model? In that case I suggest to keep the visualization model as realized in the railML 3.2 beta2, which looks like in the attached picture [1].

If you are interested in modifying the visualization model with upcoming railML 3.2, please let us know here in the forum.

[1] EA4.png

Thank you very much and best regards
Christian

File Attachments

1) [EA4.png](#), downloaded 243 times
