
Subject: Re: infrastructureVisualization in railML 2.2?
Posted by [bob.janssen](#) on Wed, 04 Sep 2013 14:40:37 GMT
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Hello Thomas,

I'm not over the moon with the present visualisation model either. I'm however convinced that visualisation is important for two reasons:

1. a visual representation of the infrastructure helps both the modeller and the user. This is highly useful for gaining acceptance of RailML. RailML can go the GIS-way. Lack of visualisation makes for a very opaque tool.

2. often, multiple plans, maps, schemas are linked with an infrastructure. E.g. there's a track plan of a station for maintenance purpose and another schema of the same station for dispatching. Both refer to the very same infrastructure. It is helpful to associate more than one set of coordinates with infrastructure. So, in my opinion, it is great if we can link an object with several coordinates. This actually reduces the probability there are multiple discordant plans floating around.

concluding - visualisation is important but the XSD needs some improvement.

Yours,
Bob Janssen
Siemens NL

Thomas Albrecht wrote:

> Dear colleagues,
> I had a look at the infrastructure visualization implementation in
> railML 2.2.
> There is no real documentation in the wiki and no forum post about it.
> The only thing I found was the thesis of Hengartner in the document
> library dating back to 2003.

>
> (http://railml.org//index.php/bibliothek.html?file=tl_files/railML.org/documents/science/hengartner.thesis_da.pdf)

>
> <visualization id="infraVis">
> <lineVis ref="">
> <trackVis>
> </trackVis>
> <trackVis>
> </trackVis>
> ...
> </lineVis>

> </visualization>

>

> What I was wondering is the strange structure of track inside line,
> which reminds me of the old railML infrastructure structure (1.x), but
> doesn't make sense for the 2.x infrastructure model. Am I right? Does
> anybody use this with railML 2.x? Or is it useful to adapt the structure
> in the next railML release?

>

> Best regards

> Thomas Albrecht

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> Chair for Traffic Control Systems and Process Automation

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----- posted via PHP Headliner -----
