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Subject: Re: Signal characteristics

Posted by [Tobias Bregulla](#) on Mon, 12 Mar 2018 12:31:44 GMT

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Dear railML-IL-community,

as my newsreader does not allow a crosspost and follow-up currently I want to give your interest to the following post in the IS forum too.

Any feedback is welcome, please use the IS forum please! TB

Hello Christian,

we do not use `<signal>@sigSystem` in our exports as we find a modelling way to have the same meaning by using `<signal>@ruleCode`. Last week we filled some examples for speed signals and signals in the corresponding Wiki page (see <http://wiki.railml.org/index.php?title=IS:signal>) with OUR way of modelling. I think that this is far away from being perfect but we are expecting a more granular modelling from railML 3.x IS & IL work. I expect good results from the communities work in these use cases than in railML 2.x.

By the way, what about:

- `<signal>@maskableRoute`,
- `<signal>@maskableATC`,
- `<signal>@sight` and
- `<signal>@distNearestDangerPoint`?

These elements are neither well documented in the Wiki than clear from the semantics. It seems that there are also a lot of dependencies to a IL scheme which does not exists in railML 2.x for now.

On our part, we have no objections to a statement as DEPRECATED as of railML 2.4 to these five attributes. We prefer more a clear railML scheme than a wide, but unclear and undocumented scheme.

Best regards,

Tobias Bregulla  
Bahnkonzept Dresden/Germany

Am 13.02.2018 um 09:52 schrieb Christian Rahmig:

- > Dear friends of railML,
- >
- > the element `<signal>` currently owns an attribute `@sigSystem` of type
- > `xs:string`. Since it is not described in the railML wiki (see [1]), using
- > of this attribute is quite unclear.
- >

> Q1: Do you use <signal>@sigSystem in your application / railML interface?  
>  
> Q2: If so, how do you use it? Which values do you fill there?  
>  
> It is the aim of railML.org to clarify and document the usage of this  
> attribute with the upcoming version 2.4. Therefore, the ticket #162 (see  
> [2]) has been re-animated.  
>  
> Any feedback is highly appreciated...  
>  
> [1] <http://wiki.railml.org/index.php?title=IS:signal>  
> [2] <https://trac.railml.org/ticket/162>  
>  
> Best regards  
> Christian

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Subject: Re: Signal characteristics  
Posted by [Joerg von Lingen](#) on Thu, 15 Mar 2018 05:45:09 GMT  
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Thanks Tobias for the hint.

Indeed in the 2.x versions of IS were introduced some functional data because no IL part was available. Within railML3 the functional aspects of an element like signal shall be placed in the IL part. In the current draft of IL there are elements and attributes foreseen to cover such data. In addition it has to be noted that issues like DangerPoint or the shown signal aspect are related to routes but not the signal itself.

Best regards,  
Dr.-Ing. Jörg von Lingen - Rollingstock scheme coordinator  
- Interlocking scheme coordinator  
railML.org (Registry of Associations: VR 5750)  
Phone Coordinator: +49 351 87759 40; railML.org: +49 351 47582911  
Altplauen 19h; 01187 Dresden; Germany [www.railml.org](http://www.railml.org)

Tobias Bregulla wrote on 12.03.2018 13:31:

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