

Dear Torben,

in your list of signal types, let's have a closer look at the level crossing related signals...

Am 24.02.2017 um 16:16 schrieb Torben Brand:

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> [...] I suggest, based on the feedback, to change my suggested  
> extension for signal to:  
> <signal>@type"other:danger"  
> https://lovdata.no/forskrift/2008-02-29-240/9-30  
> <signal>@type"other:derailer"  
> https://lovdata.no/forskrift/2008-02-29-240/9-27  
> <signal>@type"other:switch"  
> https://lovdata.no/forskrift/2008-02-29-240/9-25  
> <signal>@type"other:crossingMain"  
> https://lovdata.no/forskrift/2008-02-29-240/9-28  
> <signal>@type"other:crossingDistant"  
> https://lovdata.no/forskrift/2008-02-29-240/9-29  
> <signal>@type"other:crossingRoad"  
> https://trv.jbv.no/wiki/Signal/Prosjektering/Veisikringsanle gg#Signal_mot_vei_3  
>  
> <signal>@type"other:shuntingArea"  
> https://lovdata.no/forskrift/2008-02-29-240/9-22  
> <signal>@type"other:slowSpeed"  
> https://lovdata.no/forskrift/2008-02-29-240/9-19  
> <signal>@type"other:clearedFouling"  
> https://lovdata.no/forskrift/2008-02-29-240/9-19  
> <signal>@type"other:line"  
> https://lovdata.no/forskrift/2008-02-29-240/9-20  
> <signal>@type"other:deflectingSpeed"  
> https://lovdata.no/forskrift/2008-02-29-240/9-24
```

The railML schema already provides a dedicated level crossing signal with different types (see [1]). Instead of "crossingDistant", railML models a <signal><levelCrossing>@type="activating". The "crossingMain" is missing in railML. Based on the signal's functionality I suggest to name it <signal><levelCrossing>@type="supervision".

On the other side, level crossing road signals open a wide field of examples and implementations. For short-term release of railML 2.4, a well-formed solution will not be available. In general, I would like to see these signals somehow implemented under the umbrella term level crossing protection - definitely a task for railML 3...

I created a Trac ticket [2]. Please feel free to provide your opinion on this topic.

[1] [https://wiki.railml.org/index.php?title=IS:levelCrossing\\_signal](https://wiki.railml.org/index.php?title=IS:levelCrossing_signal)

[2] <https://trac.railml.org/ticket/338#ticket>

Thank you and regards  
Christian

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