

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

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

Thank you and regards
Christian

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Christian Rahmig - Infrastructure scheme coordinator

railML.org (Registry of Associations: VR 5750)

Phone Coordinator: +49 173 2714509; railML.org: +49 351 47582911

Altplauen 19h; 01187 Dresden; Germany www.railml.org
