

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:

- > [...] 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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