
Subject: Re: [railML3] missing @ruleCode?

Posted by [Dominik Looser](#) on Wed, 25 Mar 2020 10:01:53 GMT

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Dear all,

As this is my first forum post, it seems to be common here to introduce myself first. I work for trafif solutions gmbh in Switzerland and together with Jernbanedirektoratet we are working on railOscope/NRV with a railML-interface.

I also propose to include the @rulecode attribute in railML3 as the information we store there in railML2.4 cannot be placed in any other attribute.

The rulecode does not refer to a particular aspect of a signal, but only implies which aspects that signal has. Therefore, putting the rulecode into the aspects would only make sense for boards, where each board can only show one aspect.

I could also imagine Christian's idea to work: using a "designator-like" format for the rulecode. Since rulecodes already have a format like "NOR:TJN:§9-28", this could easily be split into a "register"(or rulebook) and an "entry". Designators now are used to store unique object-specific identifiers, while for rulecodes we need something not unique.

I see three possibilities now:

- A new @rulecode attribute is introduced in a future railML3 version.
- A new "designator-like" element is introduced with attributes @rulebook and @entry. This could be called <typeDesignator>.
- We use the existing <designator> element for "type designators" as well. Using several designators is already supported.

Best regards,
Dominik
