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Subject: Re: Obligational stop

Posted by [Susanne Wunsch railML](#) on Mon, 11 Mar 2013 13:38:56 GMT

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Dear railML users,

During our railML conference in Berlin a discussion about the issue of this thread started. (Look at the end of this posting.)

Susanne Wunsch <coord@common.railml.org> writes:

> Dirk Bräuer <dirk.braeuer@irfp.de> writes:

>>> \*\* How to define an "obligational stop" where all or only certain  
>>> trains have to stop prior going on with the same speed aspect as  
>>> before?

>>> \*\* Could this be an attribute of the speedChange element?

>>

>> That is an issue I would like to see solved with RailML 2.2. I would  
>> prefer either such an attribute (obligational stop of head/end of  
>> train). The other, possible "cleaner" but also more complex solution  
>> would be to define an infrastructure element "obligationalStop"  
>> (independently from speed changes).

>>

>> I think the attribute at a speedChange will be ok.

>

> This issue is implemented with the following commit:

>

> <http://trac.assembla.com/railML/changeset/456>

>

> The following attributes are added to the 'speedChange' element.

>

> <xs:attribute name="mandatoryStop" type="xs:boolean">

> <xs:annotation>

> <xs:documentation>specifying the speedChange as a mandatory stop point, e.g. in front of  
a level crossing</xs:documentation>

> </xs:annotation>

> </xs:attribute>

I summarized the new arguments in the appropriate Trac ticket. [1]

During the last railML conference (2013-03-06) in Berlin the use case for "mandatory stop" was questioned.

The described scenario is very specific to the German railway operations. In order to avoid country-specific operation rules in the context of the more general railML data exchange, the current implementation should be removed.

As a short-term solution, the partners may use any-Attributes instead.

An implementation following the idea of an operational stop would be preferred to the current implementation as a "speedChange".

Any comments\* appreciated.

[1] <http://trac.assembla.com/railML/ticket/100#comment:4>  
\* +1, -1, hints, questions...

Kind regards...  
Susanne

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Susanne Wunsch  
Schema Coordinator: railML.common

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