Subject: Re: Haltetafel / stop post
Posted by Susanne Wunsch railML on Mon, 12 Nov 2012 09:28:40 GMT
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Christian Rahmig <coord@infrastructure.railml.org> writes:
>>> ...they are normaly not used as min/max - if you get a 100m and a 200m
>>> stop post, a train of 150m has to stop in the middle.
>>
>> In Germany, the "H"s are used quite contrary: A train always has to move
>> forward until the "H" (or main signal) but is not allowed to
>> "interpolate" or such. The reason is the reliance of the very
>> anachronistic "Indusi", especially it's 500-Hz-programme ("INA") to the
>> place where a train stops.
>>
>> [...]
>>
>> Anyway, it tells us once more that in RailML there should be a
>> possibility to describe "H" with min/max (as in Germany) _and_
>> "interpolating" (as in Switzerland).
>
> in order to be able to handle all three types of stop post validity, I
> suggest to define three boolean parameters "min", "max" and
> "interpolating".

Do you want to allow multiple value to be used for one stop post?

If only one constraint should be allowed (min, max, interpolating _or_
unknown) than there should be an attribute with an extensible
enumeration list be provided.

> The advantage of the boolean parameters is that they can be combined
> with the axleCount as well as with the trainLength and the
> wagonCount. Alternatively, the definition of a minimum, a maximum and
> an interpolating parameter for each of the attributes is required and
> thus, does not allow for unspecified stop posts.

I'm sorry, I don't understand _this advantage_. I would asume that one
attribute with an enumeration list would help out in a similar way.

<stopPost id="sp1" axleCount="40" ruled="max" .../>
<stopPost id="sp2" axleCount="80" ruled="max" .../>
<stopPost id="sp3" trainLength="100" ruled="interpolating" .../>
<stopPost id="sp4" trainLength="200" ruled="interpolating" ../>

I would prefer a better name for this attribute: "ruled",
"constraint"...

Kind regards...

Susanne

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Susanne Wunsch
Schema Coordinator: railML.common