Subject: Re: Panels in general
Posted by Christian Rahmig on Sat, 12 Jan 2013 17:10:50 GMT
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Dear Dirk and other railML users,

Am 03.12.2012 16:17, schrieb Dirk Bräuer:
> Dear Susanne and Christian,
>
>>   - A <speed> signal information further contains the parameters
>> "kind" (values: announcement, execution and end) and "speedChangeRef".
>
> A list of <speedChangeRefs> please. (Several speed profiles, each
> referencing the same <speedChange>.)

+1

> I suggest not to distinguish between "execution" and "end" because of
> this may depend on the speed profile. Rather, an attribute
> /kind/="announcement"|"execution" should be enough also for the "ends".

+1

> Additionally, we need both the "valid for head of train" (not the same
> as /kind/!) and "virtual" information as well, as already discussed and
> agreed.

The attribute @virtual already exists for the <signal> element and does
not have to be declared again in the sub-element. For the information
about the point of validity of the signal/panel, I added the attribute
@trainRelation to the signal's sub-element <speed>. Probably, it is even
useful to implement the attribute @trainRelation in the <signal> element
as it might be of interest for other types of signals as well.

>>   - A <milepost> signal information further contains the parameters
>> "shownValue" and "realValue".
>
> Is "realValue" the same as the /pos/ of this element at the track, isn't
> it?

You are right. It is sufficient to only declare the attribute @shownValue.

>>   - A <braking> signal information further contains the parameter
>> "trackConditionRef", which refers to a <trackCondition> where the
>> attribute "type" allows for the values 'nonStoppingSection',
>> 'noRegenerativeBraking', 'noEddyCurrentBraking', 'noMagneticShoeBraking'.
>
> I suggest to use a bake type already existing (tVehicleBrakes or such)

> and an attribute declaring "not for vehicles with the following brakes...".

Since we are only referencing to a <trackCondition> element, this would mean to change the attributes of the <trackCondition>.

> Please do already think at the German places for "Betriebsbremsung" or
> "Zwangshalt" - should we use such a <signal> there, possibly with
> /virtual/='true'? If so, we would also use a /type/ therefore.

Don't we have implemented the <speedChange> attributes @mandatoryStop and @mandatoryBraking for that? Consequently, we need to add a reference from a braking signal to a <speedChange> element as we defined it for all speed signals.

> Best regards,
> Dirk.

Thank you for your comments! I considered them in the Trac ticket [1] as well.

[1] https://trac.assembla.com/railML/ticket/173

Regards

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Christian Rahmig
railML.infrastructure coordinator