

---

Subject: Re: Haltetafel / stop post

Posted by [Susanne Wunsch railML](#) on Wed, 04 Apr 2012 08:45:03 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hello to all,

Christian Rahmig <coord@infrastructure.railml.org> writes:

>>> The stop post itself is a physical element, which is a sign right next  
>>> to the track. Therefore I would not use the crossSection element for  
>>> specifying stop posts.

>>

>> I agree with you. The crossSection is intended to specify a virtual  
>> place not marked by any physical sign.

>>

>>> Instead I would put the stop post element inside the ocsElements  
>>> container.

>>

>> I agree.

Yes, that's a good position in the XML tree.

> So I suggest defining a new ocsElement named <stopPost>. Like the  
> other ocsElements, it is an optional element and it will be placed in  
> a container <stopPosts>. Required attributes for a <stopPost> element  
> are:

> - "id"

> - "pos"

>

> Further attributes for describing the stop post may be optional:

> - "serviceSectionRef" for referencing the service section, where the  
> stop post is situated.

> - "stopPostType" for specifying the stop post element.

Please do not repeat the elements' name in the attribute. 'Type' is often used for 'datatype'. Let's find a more concise term. Which enumeration should be offered behind this attribute?

> Connected with the last two attributes, the following two questions  
> need to be answered:

> 1. Does any stop post exist, which is not referenced to a service  
> section (or platform)?

> 2. Is it necessary to further specify a stop post element? If so,  
> which types are useful?

Yes, you may define the additional sign.

- train length

- axle count
- wagon count
- verbal definition (S-Bahn Berlin)
- ...

Does anybody know, whether only one of the above constraints may be defined or also combinations of them occur?

>>> The even more difficult question is how the stop post can be  
>>> referenced with a certain platform (=serviceSection). Like with an  
>>> ocpRef, the sign post may directly refer to the ID of a serviceSection  
>>> via an attribute serviceSectionRef. What do you think?

>>  
>> I also agree in general. But as written in the above mentioned post I  
>> would not create a <serviceSection> but a <platform> (splitting  
>> 'passenger service sections' and other service sections into different  
>> elements). But this is only a small detail which does not change the  
>> principle.

>  
> This idea sounds reasonable to me. However, what do other users think  
> about it (see also discussion in post "Platforms and ramps for railML  
> 2.2")?

Good to notice here. Let's discuss this topic in the neighbouring thread.

>> From my side, it would also be ok to add the properties of a platform  
>> (orientation, length, height, a. s. o.) directly into the stop post  
>> element and in that way to eliminate the <serviceSection> or <platform>  
>> at all. But I understand that this is probably too much from the  
>> operational view. So defining a <serviceSection> or <platform> and  
>> referencing it from the stop post would be ok from my side.

>  
> Interesting idea, but I think that we should keep both elements  
> <stopPost> and <serviceSection> or <platform> since it provides us  
> more flexibility in extending this first approach to the platform  
> problem.

+1

Kind regards...  
Susanne

--  
Susanne Wunsch

