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Subject: Re: Missing 'any' attributes/elements

Posted by [Christian Rahmig](#) on Mon, 28 Sep 2015 12:59:53 GMT

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Dear railML IS users,

in the timetable scheme there has been the request to add more "any elements" to the railML schema. I would like to ask you if this request is also valid for infrastructure modeling? Please let me know if you need appropriate schema extensions. If required I would further ask you to create a list with all the elements where you need these new "any elements".

Thank you very much and best regards  
Christian Rahmig

Am 28.09.2015 um 14:42 schrieb Philip Wobst:

> Hello Christian,

>  
> this approach would include the any-attributes you have suggested to add  
> for the circulation element  
> (<http://www.railml.org/forum/ro/nextarticle.php?group=2&offset=0&thread=121&article=429>,  
> TRAC ticket #267). This was discussed with the other schema coordinators  
> but there does not seem to be an actual need for such a change in 2.3.  
> For that reason a ticket #268 (<https://trac.railml.org/ticket/268>) was  
> created for railML 2.3 limited to the <timetable> element only (IS in  
> discussion).

>  
> The elements you have specified will be extended accordingly, if there  
> are no concerns from the TT community as response to this thread.

>  
> Best regards,

>  
> Philip

>  
> With regard to the other schemas there is currently no need to add

>  
> Am 15.09.2015 um 15:32 schrieb Christian Rößiger:

>> Hello all,

>>  
>> in addition to my request for an any attribute for the circulation  
>> element, I would like to propose a general extension of elements with  
>> "any"-attributes / -elements as an input for railML 2.3. In general, I  
>> think there is a lack of "any" attributes / elements within the  
>> <timetable> schema. One purpose of any elements / attributes is to  
>> extend railML in the short term without waiting for the next schema  
>> release. This means, that these extensions must be implemented in the  
>> schema before someone discovers the need for it. Since it's hard to

>> predict, for which element extensions are needed in the future, it  
>> cannot be decided individually, which elements should have an any  
>> element or attribute. To minimize the effort for extending the schema, I  
>> wouldn't extend all elements globally. So I would propose the following  
>> rules to to limit the amount of relevant elements:  
>>  
>> 1) all elements that have at least one attribute should also have an  
>> any-attribute, elements without attributes should not have an any  
>> attribute.  
>> 2) all elements that contain at least on sub element should also have an  
>> any-element, elements without sub elements should not have an any  
>> element.  
>> 3) exceptions are pure container elements, that exclusively group sub  
>> elements of one type, e.g. <trains>, <trainParts>,  
>> <rostering><blockParts>. These elements should not have any any elements  
>> or attributes.  
>>  
>> [...]

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Christian Rahmig  
railML.infrastructure coordinator

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