
Subject: Re: Additional attribute for crossing roads/rivers
Posted by [Alexander Wolf](#) on Mon, 26 Oct 2015 12:42:12 GMT
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Dear Christian,

thank you for the quick response!

I had a look at your example in the ticket #271. From my point of view, it would be a more generalized approach, allowing multiple crossing elements.

The enhanced example might look like this:

```
<bridge ... name="Marienbrücke">
  <crossingElements>
    <crossingElement ... name="Elbe" type="river" pos=2100 />
    <crossingElement ... name="B6" type="road" pos=2150 />
    <crossingElement ... name="Elberadweg" type="other" pos=2200 />
  </crossingElements>
</bridge>
```

Usually only a few elements will occur here, but especially for larger bridges a detailed description in the data model will be possible then. Moreover, this link between the various infrastructure layers may also help in other current railML projects [1].

Best regards,
Alexander

Links:

[1]

http://documents.railml.org/events/slides/2014-03-26_bmvi_behm-bundesverkehrswegeplanung.pdf

Am 26.10.2015, 09:58 Uhr, schrieb Christian Rahmig
<coord@infrastructure.railml.org>:

```
> Dear Alex,
> Dear railML IS community,
>
> I took the idea and set up a ticket for this issue with the crossing
> river/road/etc. (see [1]). If there are other users interested in it, we
> can include this minor enhancement in the upcoming railML 2.3.
>
> [1] https://trac.railml.org/ticket/271
```

>
> Best regards
> Christian
>
> Am 24.10.2015 um 19:44 schrieb Alexander Wolf:
>> Hello railML community,
>>
>> with our project GPSinfradat we record and visualise railway
>> infrastructure data. All measured data can be exported with railML for
>> utilisation in other railway applications and include information about
>> railway topology, track elements and operational elements. Within
>> projects concerning the planning of construction we are often asked to
>> export the name of the crossing road (level crossings) or the passed
>> river/road (bridges). Currently, this information can not be mapped in
>> the railML data model yet!
>>
>> Therefore I suggest to extend the elements <bridge>, <levelCrossing> and
>> <tunnel> in railML v2.3 with an additional attribute for the
>> description/name of the crossing, e.g. "crossingElement".
>>
>> Comments on this proposal are welcome!
>>
>> Best regards
>> Alexander
>>
>>
>> --
>> Alexander Wolf
>> Bahnkonzept Dresden
>
>

--
Alexander Wolf
Bahnkonzept Dresden
