
Subject: Re: Missing attributes and maybe elements in railML3.2 for RTCI-a
Posted by [christian.rahmig](#) on Mon, 12 Aug 2024 11:50:23 GMT

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Dear all,

following my forum posting from October there has not been any further feedback or feature request. Therefore, I suggest the following solution for railML 3.3 implementation of element <overCrossing>:

- * add attribute @resistanceFactorPassenger to describe the tunnel resistance factor valid for passenger trains running through this tunnel
- * add attribute @resistanceFactorFreight to describe the tunnel resistance factor valid for freight trains running through this tunnel.

The proposed solution is documented in the Git issue
<https://development.railml.org/railml/version3/-/issues/563>

christian.rahmig wrote on Wed, 18 October 2023 17:33...

(1) tunnel resistance

Adding the attributes @resistanceFactorPassenger and @resistanceFactorFreight to element <overCrossing> seems to be a straightforward adaptation of railML 3 data model [1]. However, it is only half of the solution railML 2.5 provides, where a tunnel resistance can also be calculated from wall material and tunnel cross-section. So, dear community, are you fine with just the tunnel resistance factors, or do you need wall material and tunnel cross-section, too?

Best regards
