
Subject: joining and splitting of trains

Posted by [Christoph.Jobmann](#) on Mon, 04 Oct 2010 10:34:07 GMT

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Greetings,

lately I was asked if and how it was possible to express the planned splitting and / or joining of trains in railML2.0. After having a few closer looks at the html documentation and the wiki the element TT:connection looked nice.

What confuses me at this point is the observation that it expects a mandatory trainRef as attribute. I can understand this is required for the conOperation values 'isExpectedBy' and 'isWaitingFor', but for the values 'join' and 'split' it would seem more straightforward to apply a trainPartRef as attribute, wouldn't it?

Using a trainRef at this point makes it - at least in my eyes - neccessary to add a backward connection from the train that the connection is to be established to since it would not always be obvious which parts of the trains should be connected to each other.

Even with this trick there still seems to be a flaw about multiple trains joining and splitting which seems to require evaluating additional information like positions of trainPartRefs in trains and direction changes.

Am I missing something? Or would an additional (optional) Attribute trainPartRef for the element TT:Connection be useful?

Best regards
Christoph Jobmann

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-----== posted via PHP Headliner ==-----
