
Subject: Re: railML 3.2: Additional information for travel paths in a macroscopic netElement

Posted by [christian.rahmig](#) on Mon, 07 Mar 2022 11:09:09 GMT

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Dear all,

apart from the solution proposed by Thomas and the timetable related approach mentioned by Dirk, I want to suggest a very basic change in the RTM foundation. Currently, a <netRelation> connects two <netElement> objects via child elements <elementA> and <elementB>. Based on discussions related to the driving directions in macroscopic nodes, I propose to adapt the model for enabling connections of more than two <netElement> objects. In particular, the approach foresees:

- * renaming elements <elementA> and <elementB> into <fromElement> and <toElement>
- * adding new optional, repeatable child element <viaElement> (0..*)

In order to keep topology simple, there should be no further attributes or features added in a <netRelation>. Consequently, the attributes suggested by Thomas in his approach need to be moved somewhere else. Maybe, a combination with the timetable related ideas from Dirk is feasible.

Dear community, what do you think about this proposal? Any feedback is highly appreciated...

Best regards
Christian