
Subject: Lateral location of elements

Posted by [christian.rahmig](#) on Fri, 18 May 2018 11:19:20 GMT

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Dear RTM colleagues,

locating elements next to the railway track can be done on the basis of a LinearCoordinate element and its parameter @lateralOffset. By defining that negative values shall be handled as lateral distances to the left (in the direction of NetElement orientation) and positive values vice versa to the right, the exact location of the element is specified.

Question: How can I model an element situated left or right of the track without knowing the exact distance? For example: For opening the doors of the train on the correct side, I just need to know at which side the platform edge is situated. From my current understanding of the RTM it is not possible to model this reduced information without using pseudo values.

Proposal: The information about the side and the lateral distance should be separated in two parameters (e.g. @lateralSide, @lateralOffset) so that it is possible to define the lateral side without a specific distance.

Any comments on this issue are highly appreciated...

Best regards
Christian

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