
Subject: [railML3] How to assign a mileage change to a netElement
Posted by [Karl-Friedemann Jerosch](#) on Thu, 16 Sep 2021 14:58:06 GMT
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Dear railML users,

equipping a railway line with ETCS, a high-precise measurement of the track layout is required, because the ETCS system can calculate distances with accuracy of decimeter (1/10 of meter). As result of the exact measurement, the lengths of parallel netElements will be different and therefore mileage changes have to be considered.

For example, a siding track can be longer then the parallel continuous main track, as shown in file https://forum.railml.org/userfiles/2021-08-24_siemens_railml3-modellingmileagechanges_v01.pdf.

Using the anchor-elements introduced with railML3.2-beta1 (see detailed explanation in file https://forum.railml.org/userfiles/2020-09-07_railml_railml3-modellingexamples-mileagechanges.pdf), it is not possible to assign an anchor-element to exact one netElement.

Best regards
KARL
