
Subject: Modelling changes of mileage direction
Posted by [christian.rahmig](#) on Thu, 24 May 2018 17:19:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Dear RTM colleagues,

railML 3.1 uses RTM for describing the railway network topology (NetElement, NetRelation) as well as for defining different positioning systems (GeometricPositioningSystem, LinearPositioningSystem).

The element LinearPositioningSystem provides essential parameters to specify a mileage chain that is the classic linear positioning system along railway lines. In particular, the child element LinearAnchorPoint is used to model gaps and overlaps within the mileage system. However, when experimenting with real world examples, it has been discovered that there is missing a parameter or element to define a change in the mileage orientation - for example from increasing mileage to decreasing mileage.

So, the resulting question to be answered:
Is the existing model of LinearPositioningSystem complete w.r.t. modelling all (nasty) aspects of mileage, and in particular for changing of mileage orientation? It will be great if you can provide an example showing how to deal with this situation.

Thank you very much and best regards
Christian

--

Christian Rahmig - Infrastructure scheme coordinator
railML.org (Registry of Associations: VR 5750)
Phone Coordinator: +49 173 2714509; railML.org: +49 351 47582911
Altplauen 19h; 01187 Dresden; Germany www.railml.org
