
Subject: [railML3] @lateralSide and @verticalSide and distances
Posted by [Mathias Vanden Auweele](#) on Thu, 23 Oct 2025 13:23:37 GMT
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Currently, the only way to give a lateral side for a location is to also give a linear positioning coordinate. Conceptually, this is strange, since these properties are actually on the same level as @applicationDirection.

Furthermore, there can be an issue with conflicting data. An <AssociatedNetElement> has a <LinearCoordinateBegin> and <..End>. So potentially, one can have @lateralSide = "left" and the other "right". That would be a very confusing platformEdge!

And what about an <AreaLocation>? Now it's possible to also define these properties although I can't imagine any case where it would be useful.

I would like to propose to move these properties to the level of the <LinearLocation> and the <SpotLocation>
