Subject: Re: [railML3] Mandatory <length> element for <track>s
Posted by Fabiana Diotallevi on Tue, 17 Sep 2019 07:38:49 GMT
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Dear all,
I also agree to make the track length optional.

As suggested by Christian, the position of all the involved elements should be derived from the topology layer defined by the netElements, which provide with their intrinsic coordinates a reference to the specific used positioning systems (linear or geometric).
I think that the netElements should be the "building blocks" that, alone, are able to define the link between the "logical" and the "real" world: any other element position should be derived from the reference system defined by the netElements network.

To check the stability of this assert we are currently implementing the automatic import/export of railML 3.1 data on our RaIL-AiD tool by making the intrinsic coordinate definition mandatory for all the netElements.