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Subject: PositioningSystemCoordinate(s) referenced by an EntityLocation

Posted by [Felix Prüter](#) on Tue, 09 Aug 2016 10:53:43 GMT

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Hi,

is it necessary or only possible that a PositioningSystemCoordinate which is referenced by an EntityLocation is referenced by an IntrinsicCoordinate too?

If one does so, the intrinsicCoord value (of the referencing IntrinsicCoordinate) might be redundant or inconsistent with the information given by the SpotLocationIntrinsic (intrinsicCoord) or OrderedAssociatedNetElement (intrinsicCoordBegin/End) of the EntityLocation.

Is this intended or is there a restriction in the model that I don't see?

Best regards

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Subject: Re: PositioningSystemCoordinate(s) referenced by an EntityLocation

Posted by [Alain Jeanmaire](#) on Fri, 07 Oct 2016 08:51:56 GMT

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Dear Felix,

thank you for your contribution to challenge and improve RTM.

On behalf of Gilles Dessagne:

This is effectively an error in the published version of RTM.

The relation with positioning system and intrinsic coordinate should be defined with two specific classes (for each type of location : spot, linear and area).

Under work for a future release.

Best regards

Alain Jeanmaire/ Gilles Dessagne  
SNCF Réseau

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