
Subject: Re: Platform @belongsToParent and <ownsPlatformEdge>
Posted by [christian.rahmig](#) on Mon, 11 Feb 2019 14:29:17 GMT
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Dear Thomas, dear all,

Am 08.02.2019 um 20:46 schrieb Thomas Nygreen:

- > [...] Two or more <platform> elements can be grouped either by
- > each part referencing the "main" platform using the
- > belongsToParent attribute, or by the "main" platform listing
- > all the parts using the ownsPlatformEdge element. Or both.
- > Are they both needed? [...]

This "redundancy" issue results from the past where we had two separate elements: <platform> and <platformEdge>. A <platform> could refer to all <platformEdge> objects that represent the interface between a train (on the track) and the platform. This is a reference from an object to an object part.

The hierarchical reference between objects of the same type (platform to platform or platform edge to platform edge) shall be done using the attribute @belongsToParent. One example for this type of referencing: grouping together platform edges with different height to a long platform edge.

- > [...] So I suggest removing the element
- > ownsPlatformEdge.

Well, regarding the redundancy, I agree with you. But then we need to think about alternatives of how to distinguish between platforms and platform edges.

Alternative 1:

Introduce a boolean flag in <platform>: @isPlatformEdge

Alternative 2:

Re-Introduce the functional infrastructure element <platformEdge>

So, what do you prefer or do you have a third solution proposal?

Best regards

Christian

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