
Subject: Re: Attribute processStatus to be declared deprecated for <train>, <trainPart> and <trainGroup>

Posted by on Mon, 17 Feb 2020 14:53:39 GMT

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Hello,

we discussed the future of the "processStatus" attribute during the railML telephone conference, as the documentation in the wiki is inadequate and none of the participants could provide a plausible way of using it. All participants of the telephone conference currently using this attribute use the attribute in a different context, so that a functioning exchange is unlikely. Furthermore, only a few of the possible values of the enumeration are used or the value range is extended by individual "other:xxx" values. For this reason, we have proposed to declare the attribute as "deprecated".

For mapping different planning states or versions of a train I would suggest to introduce a new attribute or element to avoid confusion. For this purpose we would appreciate a modeling suggestion from you. If you want to keep the existing attribute "processStatus", we would also be interested in information about which values of the enumeration you use and what exactly is encoded with them.

I would not try to merge "pathStatus" and "processStatus". With "pathStatus" different states of a train are described during a train path allocation process. A train can have several different pathStatus if it is ordered at several different infrastructure managers. I understand the "pathStatus" attribute here as additional information of a train. The new attribute for the planning statuses, on the other hand, should help to distinguish different instances of <train> elements, so it becomes part of an external primary key of a train/train part. For these reasons I would also leave "pathStatus" at <trainPartSequence> and the new attribute at <trainPart> / <train> / <trainGroup>.

Best regards
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