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Subject: [railML3] Restrictions

Posted by [David Lichti](#) on Wed, 15 Mar 2023 13:02:15 GMT

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Hi community,

We (HaCon) need to export restrictions as business objects in railML 3. But as far as I can see, railML 3.2 currently only offers restriction areas. Is there any way to group these restriction areas into a higher level object with it's own properties?

In the past, we had a custom extension on top of railML 2 to represent these business objects. And we are now thinking about a similar extension of railML 3 to add the necessary elements and attributes. Are there any other developments into that direction that we should consider for this extension?

Best regards

David Lichti

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Subject: Re: [railML3] Restrictions

Posted by [christian.rahmig](#) on Mon, 24 Apr 2023 20:38:35 GMT

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Dear David,

the current implementation of the <restrictionArea> is rather basic, which means that it is not possible to group restriction areas forming "parent" restriction areas. Apart from the statement that railML 3.2 does not provide "business objects" build on top of restriction areas, I want to ask the rest of the community about their experiences with restriction areas and their implementation. If there is interest from several sides, we may not only think about a user-specific extension, but we may also consider a schema enhancement...

As usual, any comments are highly appreciated.

Best regards

Christian

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Subject: Re: [railML3] Restrictions

Posted by [Milan Wölke](#) on Mon, 03 Jul 2023 13:40:43 GMT

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Hi all,

for those who were not able to attend the conference, I wanted to make the slides of David available. He held a short presentation on the general idea of the use case proposed here. Please let us know if you are interested in participating in a user group.

Best regards, Milan

#### File Attachments

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1) [2023-05-30 Hacon\\_UseCasePossessions&Restrictions.pdf](#),  
downloaded 58 times

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Subject: Re: [railML3] Restrictions

Posted by [christian.rahmig](#) on Mon, 04 Sep 2023 08:36:17 GMT

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Dear all,

please let me remind you to provide us your feedback if you are interested in the topic of  
"restriction areas" and if you wanted to contribute by joining a related user group?

Best regards

Christian

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