
Subject: NetRelation inconsistency for specific topology
Posted by [Fabiana Diotallevi](#) on Fri, 12 Jul 2019 16:24:23 GMT
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Dear all,

the topology shown in the image attached (but it is not the only case!), seems to bring to an inconsistency in the netRelation definition.

In particular, if we consider the netRelation joining netElements ne_02 and ne_03 (upper and lower central tracks), both of the following relations could be exported:

```
<netRelation id="nr_0203" positionOnA="0" positionOnB="0" navigability="None">  
  <elementA ref="ne_02"/>  
  <elementB ref="ne_03"/>  
</netRelation>
```

```
<netRelation id="nr_0203" positionOnA="1" positionOnB="1" navigability="None">  
  <elementA ref="ne_02"/>  
  <elementB ref="ne_03"/>  
</netRelation>
```

There is no way to decide which one is the preferred one, and I can't export both of them because they have the same id and railML does not allow for a duplicate.

Is there a way to solve this problem?

Thanks,

f.

File Attachments

1) [netRelationInconsistency.JPG](#), downloaded 571 times
