
Subject: [railML2] Modeling through service without rostering

Posted by [Bertolt Lang](#) on Mon, 18 Oct 2021 08:21:54 GMT

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Hello,

I would like to know how to correctly model through services without using 'rosterings'.
The first idea would be to use the 'connections' container on the last 'ocpTT' of a 'trainPart' and to refer to the following train with the 'connection.trainRef' element (see example and <https://wiki2.railml.org/wiki/TT:connection>).

Would that be a legitimate solution or is there a better way to go?

Thanks and best regards,

Bert

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Hallo,

ich würde gerne wissen, wie Durchbindungen korrekt dargestellt werden können, ohne dass 'rosterings' verwendet werden.

Die erste Idee wäre die Nutzung des Containers 'connections' am letzten 'ocpTT' eines 'trainPart' und in diesem auf den nachfolgenden Zug mit dem Element 'connection.trainRef' zu verweisen (Siehe Beispiel und <https://wiki2.railml.org/wiki/TT:connection>).

Wäre das eine legitime Lösung, oder gibt es hier einen besseren Weg?

Danke und viele Grüße,

Bert

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Example:

```
..<trainParts>
....<trainPart id="tp01_1" categoryRef="29ES" trainNumber="900" additionalTrainNumber="900"
line="1">
.....<operatingPeriodRef ref="OP_1"/>
.....<formationTT formationRef="ICE"/>
.....<ocpsTT>
.....<ocpTT ocpRef="A" ocpType="stop">
.....<times scope="scheduled" departure="13:15:00" departureDay="0"/>
.....</ocpTT>
.....<ocpTT ocpRef="B" ocpType="stop">
```

```

.....<times scope="scheduled" arrival="16:00:00" arrivalDay="0"/>
.....<connections>
.....<connection trainRef="TR_4" connOperation="throughService"/> <!--throughService as
other:anything-->
.....</connections>
.....</ocpTT>
.....</ocpsTT>
....</trainPart>
....<trainPart id="tp02_1" categoryRef="29ES" trainNumber="9001"
additionalTrainNumber="9001" line="2">
.....<operatingPeriodRef ref="OP_1"/>
.....<formationTT formationRef="ICE"/>
.....<ocpsTT>
.....<ocpTT ocpRef="C" ocpType="stop">
.....<times scope="scheduled" departure="16:15:00" departureDay="0"/>
.....</ocpTT>
.....<ocpTT ocpRef="D" ocpType="stop">
.....<times scope="scheduled" departure="17:47:00" arrival="17:45:00" departureDay="0"
arrivalDay="0"/>
.....</ocpTT>
.....</ocpsTT>
....</trainPart>
..</trainParts>
..</trains>
....<train id="TR_3" trainNumber="900" type="commercial">
.....<trainPartSequence sequence="1">
.....<trainPartRef ref="tp01_1" position="1"/>
.....</trainPartSequence>
....</train>
....<train id="TR_4" trainNumber="9001" type="commercial">
.....<trainPartSequence sequence="1">
.....<trainPartRef ref="tp02_1" position="1"/>
.....</trainPartSequence>
....</train>
..</trains>

```
