Subject: Re: Multiple ocpTT within a station
Posted by Vasco Paul Kolmorgen on Fri, 13 Mar 2020 14:58:29 GMT
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Dear Stefan,

thank you for the interesting question. First of all I would like to
learn for what kind of use case this need for a railway data exchange is
given in the Netherlands. Could you describe a little bit more detailed?

 From my opinion your sample should not be used for semantic reasons.
As good practice in the files I had seen in the past and also described
in the railML 2 wiki
(https://wiki2.railml.org/index.php?title=TT:ocpTT#Semantics) each ocpTT
shall only appear once within a trainPart. Unfortunately this issue is
described there on German only ("Als Regel darf jeder ocpTT nur einmal
innerhalb eines trainParts auftauchen.") However, I will gladly take
your question and suggestion to one of the next telephone conferences of
TT developers and ask for contributions to the discussion and opinions.
I would also like to suggest a possibly clearer presentation in the
section "Semantic Constraints" as well as a statement for the current
development of railML 3.x.

Let me highlight some other problems in your example:
   - Your example uses "speaking ID's" like ocpRef="ARR-StopArea-Vvl"
which should be avoided, as 'StopArea' could be parsed and used by a
reading programme. See
https://wiki2.railml.org/index.php?title=Dev:identities for more
information.
   - Independent of the concrete times at the individual <ocpTT> I
consider the double use to be very problematic, because different
further characteristics can exist. In your example this is given by
ocpType="stop" and ocpType="pass".

Best regards,
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Am 11.03.2020 um 15:15 schrieb Stefan de Konink:
> I have a question regarding the use of ocpTT's within a
> station.
>
> Considering the following sample:
>
>   <ocpTT ocpRef="ARR-StopArea-Vvl" ocpType="stop"

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> sequence="10" trackInfo="252">
>          <times arrival="19:09:00" arrivalDay="0"
> departure="19:09:00" departureDay="0" scope="scheduled"/>
>          <sectionTT>
>            <trackRef ref="ARR-ServiceLink--667658658"/>
>          </sectionTT>
>        </ocpTT>
>        <ocpTT ocpRef="ARR-StopArea-Gn" ocpType="pass"
> sequence="11" trackInfo="7A">
>          <times arrival="19:09:00" arrivalDay="0"
> departure="19:09:00" departureDay="0" scope="scheduled"/>
>          <sectionTT>
>            <trackRef ref="ARR-ServiceLink--1709210067"/>
>          </sectionTT>
>        </ocpTT>
>        <ocpTT ocpRef="ARR-StopArea-Gn" ocpType="stop"
> sequence="12" trackInfo="7B">
>          <times arrival="19:09:00" arrivalDay="0"
> departure="19:09:00" departureDay="0" scope="scheduled"/>
>        </ocpTT>
>      </ocpsTT>
>
>
> Is the ocpTT of 7A allowed as pass? Or is it never allowed
> to use the same ocp in a ocpsTT?
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