
Subject: Re: Sequence of ocpTT elements
Posted by on Thu, 31 May 2012 11:43:07 GMT
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Dear Susanne and Andreas,

> Other/same opinions?

From my side, it is up to the reading software
- either to sort the times chronologically
- or to declare that OCPTTs have to be ordered on input (additionally to RailML).

I do not see a big problem in the additional declaration. I think that there always will be additional demands on the softwares dealing with RailML.

Actually, we currently have arrival/departure times which come sometimes in a non-sorted order (from an Austrian Infrastructure Company) for reasons which I do not know. We sort them on input and refuse the input if there are two with the same time. It is up to the data source to secure data integrity.

From our side, a kind of "ordering index" as an additional attribute does not change the situation very much: Either we sort by arrival/departure times and refuse if there are two OCPTTs with the same times or we sort by index and refuse if there are two OCPTTs with the same index...

If you consider introducing a new "ordering attribute", may be a "running length" (meters calculated from the beginning of train's route) would be solution which also allows a unique order but includes the additional value of the distances which many reading programmes want to have and which otherwise can only be calculated more difficulty.

Best regards,
Dirk.
