Subject: Re: railML 2.3 infrastructure extension proposal operational properties of an OCP

Posted by christian.rahmig on Tue, 27 Mar 2018 08:28:23 GMT

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Dear all,

we were recently discussing the different types of OCP in our railML 3.x
Schematic Track Plan use case working group. Therefore, I would like to
come back to this forum post opened by Torben Brand from
Jernbanedirektoratet:

>>> The attribute @operationalType is extended with the value
>>> "siding". In Norway a "siding" is an additional track on the
>>> path (section of line between stations). It is not a station
>>> according to Norwegian definition as it does not have a
>>> main-home signal. Thus the path on the siding needs to be
>>> blocked during the operation of entering and leaving the
>>> siding. PS. There is a trackType under track with value
>>> "sidingTrack" This is described in the Wiki as: "This is a
>>> siding"
>>
>> Yes, railML already allows to specify a track as being a siding track by
>> setting <track type="sidingTrack">. However, what is missing is an
>> operational representation of the siding as you request it. Therefore,
>> your suggestion to add the enumeration value "siding" for the attribute
>> @operationalType seems to be valid. Is there anybody among the railML
>> community who needs to model sidings outside of stations, too?
>
> Yes, of course. In Germany (and other countries), we have the same type
> of sidings. In Germany they are called Anschlussstelle und
> Ausweichanschlussstelle depending on interlocking and operational rules.
> It is an <ocp> but not a station. In both cases, the line track has to
> be blocked between the adjacent stations during the operation of
> entering and leaving the siding.
>
> Currently we model such an <ocp> as follows:
>
> <ocp id=...>
> <propOperational orderChangeable='false'
> ensuresTrainSequence='false' />
> <propService goodsLoading='true'/>
> <propEquipment>
> <summary hasHomeSignals='false' hasStarterSignals='false'/>
> </propEquipment>

In order to complete the modelling, I suggest to follow Torben's
proposal and add the enumeration value "siding" for attribute

<ocp><propOperational>@operationalType.

If you agree, we may bring this as last minute change into railML 2.4.

Best regards
Christian

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