
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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Christian Rahmig - Infrastructure scheme coordinator

railML.org (Registry of Associations: VR 5750)

Phone Coordinator: +49 173 2714509; railML.org: +49 351 47582911

Altplauen 19h; 01187 Dresden; Germany www.railml.org
