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

Posted by [christian.rahmig](#) on Tue, 27 Mar 2018 09:14:31 GMT

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Dear all,

I filed the Trac ticket #327 [1] dealing with this issue.

[1] <https://trac.railml.org/ticket/327>

Best regards
Christian

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Am 27.03.2018 um 10:28 schrieb Christian Rahmig:

> 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