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Subject: Re: Infrastructure registers

Posted by [christian.rahmig](#) on Fri, 15 Dec 2017 18:51:40 GMT

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Dear all,

based on the feedback I got in direct talks with some of you and from the coordinators' meeting last Tuesday I propose the following solution to the topic:

We remain with one codelist Registers.xml that is open for putting any kind of existing railway related register (OCP, Assets, etc.), e.g. "Dienststellendokumentation" or the "Primary Location Code for TAF/TAP TSI". Every register can be identified by a unique code, e.g. "DIDOK" or "PLC" for the abovementioned registers. We don't distinguish different types of registers as the categorization of registers is not 100% clear in every case. What we may think of instead is adding a field for putting a link or a contact address, so that interested people can be re-directed in finding out more information about the referenced register on their own.

What do you think about this proposal?

Best regards

Christian

Am 20.11.2017 um 16:19 schrieb Christian Rahmig:

> Dear all,

>

> the described problem may be solved with version 2.4. The related Trac  
> ticket #310 is available in [1].

>

> I would like to have your feedback on answering the main question: Do  
> you prefer having one codelist including all the different existing  
> registers for providing codes and designators to railway infrastructure  
> elements, or would you like to have separated codelists?

>

> [1] <https://trac.railml.org/ticket/310>

>

> Thank you very much and best regards

> Christian

>

> Am 29.05.2017 um 14:03 schrieb Christian Rahmig:

>> Dear Dirk,

>>

>> Am 18.05.2017 um 15:46 schrieb Dirk Bräuer:

>>> [...]

>>> From my understanding, the kind of register is (adequately) specified by  
>>> the parent element of <designator>. If it is a <designator> of an <ocp>,  
>>> the station registers are needed. If it is a <designator> of a different  
>>> parent element, a different register is needed.

>>>

>>> As is can also happen to have different registers as sub-elements of  
>>> <infrastructure> in future (such as registers of line numbers), I would  
>>> not recommend naming the station lists @infrastructureRegister. I would  
>>> name them @ocpRegister. But this would, as I said, be redundant to the  
>>> parent's element name.

>>

>> thank you very much for your feedback. The idea behind was to  
>> distinguish between registers of the different railML sub-domains  
>> (infrastructure, timetable, etc.). You are absolutely right with your  
>> statement that there are different types of infrastructure related  
>> registers, e.g. for OCPs and for asset management. Therefore, I suggest  
>> to add a new attribute @type in the codelist InfrastructureRegisters.xml  
>> (before: Registers.xml). Using this attribute, it shall be possible to  
>> distinguish between OCP registers, and other infrastructure registers.

>>

>> The result in InfrastructureRegisters.xml may look like this:

>>

```
>> <register code="DfA">  
>>   <name xml:lang="de-CH">Datenbank Feste Anlagen</name>  
>>   <organization xml:lang="en">Swiss Federal Railways on behalf of  
>> Federal Office of Transport</organization>  
>>   <type>assets</type>  
>> </register>
```

>>

```
>> <register code="DIDOK">  
>>   <name xml:lang="en">List of station names</name>  
>>   <organization xml:lang="en">Swiss Federal Railways on behalf of  
>> Federal Office of Transport</organization>  
>>   <type>ocp</type>  
>> </register>
```

>>

```
>> <register code="DB640">  
>>   <name xml:lang="de-AT">Dienstbehelf Nr. 640</name>  
>>   <organization xml:lang="de-AT">ÖBB</organization>  
>>   <type>all</type>  
>> </register>
```

>>

>> The question to be answered: what kind of infrastructure related  
>> registers have to be specified. For the initial version I suggest the  
>> following types:

>> \* asset

>> \* ocp

>> \* networkStatement

>> \* all (?)  
>>  
>> Any comments etc. appreciated...  
>>  
>> Best regards  
>> Christian  
>>  
>  
>

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