Subject: Re: new attribute on the vehicle element
Posted by Joerg von Lingen on Fri, 04 Oct 2013 07:42:22 GMT
View Forum Message <> Reply to Message

Dear all,

wrt UIC numbers I would propose to add an attribute <uicVehicleNumber> for the
<operator>-element of a vehicle:

<xs:simpleType name="tUicVehicleNumber">
  <xs:restriction base="xs:string">
    <xs:pattern
value=" [1-9][0-9]-[1-9][0-9]-[1-9][0-9][1-9][0-9]-[1-9][0-9][1-9]-[0-9] " />
    </xs:restriction>
  </xs:simpleType>

This shall allow numbers with the following meaning:
The complete vehicle number comprises 12 digits. The individual digits have the
following meaning:
Digits 1-2: Type of vehicle and indication of the interoperability capacity
(on multiple units, type)
Digits 3-4: Country Code (Owner before 2006)
Digits 5-8: Vehicle type information
Digits 9-11: Individual running number (serial number)
Digit 12: Self-check digit

Best Jörg.

On 23.09.2013 13:07, Joerg von Lingen wrote:
> Dear all,
>
> we had already discussed the issue of UIC numbers for vehicles. The major point of discussion was whether the number
> will stay with the vehicle during its entire lifetime or changes with the owner/operator. There we couldn't reach
> clarification.
>
> This question was of importance as to where storing the UIC-number in the tree. I would prefer to place it under
> Classification/Operator because we then have a clear information of the time period the number is assigned to that
> vehicle. At the moment the string element <operatorClass> can be used in that sense. However, I woul go for a more
> stringent definition which shall be then cover all types of vehicles (wagons and loco).
>
> I will try to provide a proposal on this within the next weeks.
>
> Best Jörg.

>
> Susanne Wunsch wrote the following on 18.09.2013 00:46:
>> Hello Horst,
>>
>> I move the request to the rollingstock group. The 'vehicle' element is
>> part of the rollingstock sub-schema. I'm sure, Jörg (RS coordinator)
>> will provide some feedback. He already worked on parts of the UIC wagon
>> classification.
>>
>> horst.naujoks@qnamic.com (Horst Naujoks) writes:
>>
>>> Dear all,
>>>
>>> I'm a developer at Qnamic AG
>>> (http://http://www.railml.org//index.php/entwickler.html?show =35) and
>>> we using RailML in different contexts in our products.
>>>
>>> I'd like to submit the following extension to the railMl
>>> infrastructure schema:
>>>
>>> The element <vehicle> should be completed by an new optional attribute
>>> 'uicVehicleNumber'. The whole purpose of this number is documented
>>> here: http://en.wikipedia.org/wiki/UIC_wagon_numbers. The new
>>> attribute supposed as an explicit supplement to the existing
>>> id/code/name attribute facility. It should support a better data
>>> exchange in systems which share this number.
>>>
>>> Today, we already employ this attribute by the usage of a schema
>>> extension (as an 'any' attribute) and of course we'd like to replace
>>> this construct by an explicitly specified attribute.
>>>
>>> Kind Regards,
>>>
>>> Horst Naujoks
>>
>> Crosspost & Followup-To: railML.rollingstock
>>
>> Kind regards...
>> Susanne
>>
>

--
Best regards,
Joerg v. Lingen

Rollingstock Coordinator