
Subject: Re: new attribute on the vehicle element

Posted by [Joerg von Lingen](#) on Fri, 04 Oct 2013 07:46:26 GMT

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Sorry, must be (all digits 0-9 allowed)

```
<xs:pattern
```

```
value=" [0-9][0-9]-[0-9][0-9]-[0-9][0-9][0-9][0-9]-[0-9] " />
```

On 04.10.2013 09:42, Joerg von Lingen wrote:

> 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 would 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
