

Dear RailML-Users,

by implementing RailML-Interface to a vehicle data program I thought some changes would be helpful:

- The enumeration tTrainProtectionMedium should also include the value="electric".

This value might be usefull to describe the French "crocodile"-system or would you use another value of the existing?

- I think it is useful to add the following part:

```
<!--***** -->
```

```
<!-- trackGauges for gauge changing axles -->
```

```
<!--***** -->
```

```
<xs:complexType name="tTrackGauge">
```

```
<xs:attribute name="trackGauge" type="rail:tLengthMM"/>
```

```
</xs:complexType>
```

This makes it possible to show all possible gauges for gauge changing vehicles. I know, that there is a way shown by two different values inside the vehicle.

- The attribute named "count" inside the attribute group aPlaces should change his type to nonNegativeInteger to differ between known values by zero and unknown values by a not existing entry inside the list of places.

- The attributeGroup "aService" should be extended by an attribute "count". Here it can be a tCounter-type.

- Here is also a list of my suggestions for tNationalSystemsType of train protection systems:

```
<xs:enumeration value="ALSEN"/>
```

```
<xs:enumeration value="ALSN"/>
```

```
<xs:enumeration value="ASFA"/>
```

<xs:enumeration value="ATB"/>
<xs:enumeration value="ATBEG"/>
<xs:enumeration value="ATBEN"/>
<xs:enumeration value="ATC"/>
<xs:enumeration value="ATSP"/>
<xs:enumeration value="AWS"/>
<xs:enumeration value="BACC"/>
<xs:enumeration value="CIR-ELKE"/>
<xs:enumeration value="CIR-ELKE2"/>
<xs:enumeration value="Crocodile"/>
<xs:enumeration value="CSS"/>
<xs:enumeration value="DATC"/>
<xs:enumeration value="EBICAB"/>
<xs:enumeration value="EVM120"/>
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<xs:enumeration value="GWATP"/>
<xs:enumeration value="Indusi54"/>
<xs:enumeration value="Indusi60"/>
<xs:enumeration value="Indusi60R"/>
<xs:enumeration value="Integra-Signum"/>
<xs:enumeration value="KHP"/>
<xs:enumeration value="KLUBU"/>
<xs:enumeration value="KVB"/>
<xs:enumeration value="LS"/>

<xs:enumeration value="LS90"/>
<xs:enumeration value="LZB"/>
<xs:enumeration value="Memor"/>
<xs:enumeration value="Mirel"/>
<xs:enumeration value="PZ80"/>
<xs:enumeration value="PZB90"/>
<xs:enumeration value="RS4c"/>
<xs:enumeration value="SAUTC"/>
<xs:enumeration value="SAUTCM"/>
<xs:enumeration value="SAUTU"/>
<xs:enumeration value="SCMT"/>
<xs:enumeration value="SELCAB"/>
<xs:enumeration value="SHP"/>
<xs:enumeration value="SSC"/>
<xs:enumeration value="TBL"/>
<xs:enumeration value="TPWS"/>
<xs:enumeration value="TVM300"/>
<xs:enumeration value="TVM400"/>
<xs:enumeration value="TVM430"/>
<xs:enumeration value="ZSL90"/>
<xs:enumeration value="ZUB121"/>
<xs:enumeration value="ZUB122"/>
<xs:enumeration value="ZUB123"/>
<xs:enumeration value="ZUB262"/>

Please do not hesitate to ask me, if there are any questions about my remarks.

Kind regards

Carsten Weber

Subject: Re: Some hints for changes in railwayBaseTypes.xsd
Posted by [Joerg von Lingen](#) on Mon, 30 Aug 2010 16:32:54 GMT
[View Forum Message](#) <> [Reply to Message](#)

Find my remarks below.

Regards
Jörg von Lingen.

On 23.08.2010 22:10, Carsten Weber wrote:

> Dear RailML-Users,
>
> by implementing RailML-Interface to a vehicle data program I thought some
> changes would be helpful:
>
> - The enumeration tTrainProtectionMedium should also include the
> value="electric".
> This value might be usefull to describe the French "crocodile"-system or
> would you use another value of the existing?
>
> added [299]

> - I think it is useful to add the following part:

```
> <!--***** -->  
>  
> <!-- trackGauges for gauge changing axles -->  
>  
> <!--***** -->  
>  
> <xs:complexType name="tTrackGauge">  
>  
> <xs:attribute name="trackGauge" type="rail:tLengthMM"/>  
>  
> </xs:complexType>
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> This makes it possible to show all possible gauges for gauge changing
> vehicles. I know, that there is a way shown by two different values inside
> the vehicle.
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> - The attribute named "count" inside the attribute group aPlaces should
> change his type to nonNegativeInteger to differ between known values by zero
> and unknown values by a not existing entry inside the list of places.
Why not changing tCounter completely to nonNegativeInteger?

>
> - The attributeGroup "aService" should be extended by an attribute "count".
> Here it can be a tCounter-type.
Is already included.

>
> - Here is also a list of my suggestions for tNationalSystemsType of train
> protection systems:

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> <xs:enumeration value="ATSP"/>
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> <xs:enumeration value="AWS"/>
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> <xs:enumeration value="BACC"/>
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> <xs:enumeration value="CSS"/>
>

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>
> <xs:enumeration value="SAUTU"/>
>
> <xs:enumeration value="SCMT"/>
>
```

> <xs:enumeration value="SELCAB"/>
>
> <xs:enumeration value="SHP"/>
>
> <xs:enumeration value="SSC"/>
>
> <xs:enumeration value="TBL"/>
>
> <xs:enumeration value="TPWS"/>
>
> <xs:enumeration value="TVM300"/>
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>
> <xs:enumeration value="TVM430"/>
>
> <xs:enumeration value="ZSL90"/>
>
> <xs:enumeration value="ZUB121"/>
>
> <xs:enumeration value="ZUB122"/>
>
> <xs:enumeration value="ZUB123"/>
>
> <xs:enumeration value="ZUB262"/>
Some of them already included.

>
>
>
> Please do not hesitate to ask me, if there are any questions about my
> remarks.
>
> Kind regards
>
>
>
> Carsten Weber
>
>

--
Mit freundlichen Grüßen/Best regards,

Jörg von Lingen

Hello,

the following values for tNationalSystemsType are new and may need some short description for explanation (full name, area of use, short description)

```
<xs:enumeration value="ALSEN" />
<xs:enumeration value="ATBEG" />
<xs:enumeration value="ATBEN" />
<xs:enumeration value="ATSP" />
<xs:enumeration value="BACC" />
<xs:enumeration value="CIR-ELKE2" />
<xs:enumeration value="CSS" />
<xs:enumeration value="DATC" />
<xs:enumeration value="Fahrsp" />
<xs:enumeration value="GWATP" />
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<xs:enumeration value="LS" />
<xs:enumeration value="SAUTC" />
<xs:enumeration value="SAUTCM" />
<xs:enumeration value="SAUTU" />
<xs:enumeration value="TVM400" />
<xs:enumeration value="ZSL90" />
<xs:enumeration value="ZUB123" />
<xs:enumeration value="ZUB262" />
```

Thanks,
Jörg von Lingen

On 23.08.2010 22:10, Carsten Weber wrote:

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> Dear RailML-Users,
>
> by implementing RailML-Interface to a vehicle data program I thought some
> changes would be helpful:
>
> - The enumeration tTrainProtectionMedium should also include the
> value="electric".
> This value might be usefull to describe the French "crocodile"-system or
> would you use another value of the existing?
>
> - I think it is useful to add the following part:
>
> <!--***** -->
```



```

> <!-- trackGauges for gauge changing axles -->
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> <!--***** -->
>
> <xs:complexType name="tTrackGauge">
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> <xs:attribute name="trackGauge" type="rail:tLengthMM"/>
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> </xs:complexType>
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> the vehicle.
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> - The attribute named "count" inside the attribute group aPlaces should
> change his type to nonNegativeInteger to differ between known values by zero
> and unknown values by a not existing entry inside the list of places.
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> - The attributeGroup "aService" should be extended by an attribute "count".
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> - Here is also a list of my suggestions for tNationalSystemsType of train
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>
> <xs:enumeration value="ATSP"/>
>
> <xs:enumeration value="AWS"/>
>
> <xs:enumeration value="BACC"/>
>
> <xs:enumeration value="CIR-ELKE"/>
>
> <xs:enumeration value="CIR-ELKE2"/>

```

```
>
> <xs:enumeration value="Crocodile"/>
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> <xs:enumeration value="CSS"/>
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> Kind regards
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> Carsten Weber
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--
Mit freundlichen Grüßen/Best regards,

Subject: Re: Some hints for changes in railwayBaseTypes.xsd
Posted by [Carsten Weber](#) on Mon, 30 Aug 2010 19:15:22 GMT
[View Forum Message](#) <> [Reply to Message](#)

I added my remarks below too.

Regards

Carsten Weber

"Joerg von Lingen" <joerg.von_lingen.dd@t-online.de> schrieb im Newsbeitrag
news:i5g58d\$1uc\$1@sifa.ivi.fhg.de...

> Find my remarks below.

>

> Regards

>

> On 23.08.2010 22:10, Carsten Weber wrote:

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>>

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>> value="electric".

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>> would you use another value of the existing?

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> added [299]

>

Thanks.

>> - I think it is useful to add the following part:

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>>

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> Why not changing tCounter completely to nonNegativeInteger?
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and might be in trouble by value zero.

Subject: Re: Some hints for changes in railwayBaseTypes.xsd
Posted by [Carsten Weber](#) on Mon, 30 Aug 2010 19:55:40 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello,

I think it would be the best if I would fill in these systems and some
additional information into the railml wiki.

Best regards.
Carsten Weber

"Joerg von Lingen" <joerg.von_lingen.dd@t-online.de> schrieb im Newsbeitrag
news:i5g6ka\$1vu\$1@sifa.ivi.fhg.de...

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> <xs:enumeration value="GWATP" />
> <xs:enumeration value="Indusi60" />

```
> <xs:enumeration value="KHP" />
> <xs:enumeration value="KLUBU" />
> <xs:enumeration value="LS" />
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> <xs:enumeration value="SAUTCM" />
> <xs:enumeration value="SAUTU" />
> <xs:enumeration value="TVM400" />
> <xs:enumeration value="ZSL90" />
> <xs:enumeration value="ZUB123" />
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>> Carsten Weber
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> --

> -----

Subject: Re: Some hints for changes in railwayBaseTypes.xsd
Posted by [Susanne Wunsch railML](#) on Mon, 30 Aug 2010 20:17:20 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello everybody,

"Carsten Weber" <weber@irfp.de> writes:

> "Joerg von Lingen" <joerg.von_lingen.dd@t-online.de> schrieb im Newsbeitrag
> news:i5g58d\$1uc\$1@sifa.ivi.fhg.de...

>>

>> On 23.08.2010 22:10, Carsten Weber wrote:

>>>

>>> - The attribute named "count" inside the attribute group aPlaces should

>>> change his type to nonNegativeInteger to differ between known values by
>>> zero
>>> and unknown values by a not existing entry inside the list of places.
>> Why not changing tCounter completely to nonNegativeInteger?
>>
> This is also a solution, but I'm not sure which elements refer to tCounter
> and might be in trouble by value zero.

I also feel troubles with changing 'tCounter' to 'xs:nonNegativeInteger'. It is sometimes used for 'sequence' attributes, which start with '1'.

Lot's of RS 'number*' attributes are bound to 'tCounter'. Should they allow value 'zero'?

I would inherit a new type 'tCounterZero' for positive integer values starting with zero (means non-negative integer). This way you can choose that type that covers the meaning best.

I put this trouble in Trac Ticket #65.

<http://trac2.assembla.com/railML/ticket/65>

I will summarize it, when the solution is clear.

Kind regards...
Susanne

--
Susanne Wunsch
Schema Coordinator: railML.common

Subject: Re: Some hints for changes in railwayBaseTypes.xsd
Posted by [Carsten Weber](#) on Thu, 02 Sep 2010 14:48:32 GMT
[View Forum Message](#) <> [Reply to Message](#)

I just filled in these changes into the Railml-wiki.

This system could be removed:

> <xs:enumeration value="TVM400" />

This should be extended:

> <xs:enumeration value="ZSL90" />

to:

```
<xs:enumeration value="ZST90" />
<xs:enumeration value="ZSL90" />
<xs:enumeration value="ZSI90" />
<xs:enumeration value="ZSI127" />
```

Thanks a lot.

Best regards.

Carsten

Subject: Re: Some hints for changes in railwayBaseTypes.xsd
Posted by [Joerg von Lingen](#) on Sun, 06 Mar 2011 11:57:46 GMT
[View Forum Message](#) <> [Reply to Message](#)

On 02.09.2010 16:48, Carsten Weber wrote:

```
> Dear Jörg,
>
> I just filled in these changes into the Railml-wiki.
>
> This system could be removed:
>>         <xs:enumeration value="TVM400" />
>
> This should be extended:
>>         <xs:enumeration value="ZSL90" />
>
> to:
> <xs:enumeration value="ZST90" />
> <xs:enumeration value="ZSL90" />
> <xs:enumeration value="ZSI90" />
> <xs:enumeration value="ZSI127" />
>
> Thanks a lot.
>
> Best regards.
>
> Carsten
>
>
> update with [348].
```

--
Mit freundlichen Grüßen/Best regards,

Jörg von Lingen
