
Subject: Re: missing minOccurs="0" for <trainBrakeOperation>

Posted by on Mon, 01 Oct 2018 09:46:40 GMT

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Dear Joerg and all other's,

at the last telephone conference, I was asked to check the new r2.4 <rollingstock> railML XSDs for more possible missing optionals.

So, I compared rollingstock.xsd and rollingstockTypes.xsd

rev. 814 (RC 2.4)

with

rev. 611 (Original railML 2.3)

and searched for new <xs:element> definitions without "minOccurs='0'".

I only found the one more: In rollingstock.xsd

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

```
  <xs:element name="vehicleBrakeOperation" type="rail:tBasicBrakeOperation"
```

```
maxOccurs="unbounded">
```

```
no "minOccurs='0'" occurs...
```

The "minOccurs='0'" is also missing at some new attributes but it seems to me that for attributes, it is not necessary (since older attributes also have none). (Sorry, I am not the best choice for this task since I lack some knowledge about XSDs.)

Joerg, please check this and, in case I am not mistaken, correct it for r2.4.

Please correct me in case I misunderstood or tell me what else should be done.

Best regards,

Dirk.
