
Subject: Borders of states, tariffs etc.

Posted by [Christian Rahmig](#) on Mon, 26 May 2014 10:35:33 GMT

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Dear everyone,

in trac ticket #242 (see [1]; scheduled for railML 2.3) it is written that an element for describing borders in the infrastructure is needed. However, we already have such an element. In particular:

railML contains already the type 'tBorder'. It looks like this:

```
<xs:complexType name="tBorder">
  <xs:complexContent>
    <xs:extension base="rail:tDelimitedOrientedElement">
      <xs:attribute name="type" type="rail:tBorderType" use="required"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

The contained data type 'tBorderType' defines borders of states, tariffs, etc.:

```
<xs:simpleType name="tBorderType">
  <xs:union>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:enumeration value="tarif" />
        <xs:enumeration value="area" />
        <xs:enumeration value="state" />
        <xs:enumeration value="country" />
        <xs:enumeration value="station" />
      </xs:restriction>
    </xs:simpleType>
    <xs:simpleType>
      <xs:restriction base="rail:tOtherEnumerationValue" />
    </xs:simpleType>
  </xs:union>
</xs:simpleType>
```

So, what exactly is needed, that is not already covered by the current implementation? Any comments appreciated...

[1] <https://trac.railml.org/ticket/242#comment:5>

Best regards

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