
Subject: Re: Connections to external trains
Posted by [Philip Wobst](#) on Fri, 12 Feb 2016 09:26:23 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello Joachim,

I would like to suggest to change the choice to a normal sequence and then making the individual reference elements optional. That way each externalReferences sub-element can be supplied only once. The approach with the choice element would allow for up to four tafTapTsiTrainIDs.

```
<xs:element name="externalReferences" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="tafTapTsiTrainID" type="rail:eTapTsiTransportOperationalIdentifier"
minOccurs="0" />
      <xs:element name="trainNumber" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="organizationalUnitBinding"
type="rail:eOrganizationalUnitBinding" minOccurs="0">
              <xs:annotation>
                <xs:documentation
source="http://wiki.railml.org/index.php?title=TT:organizationalUnitBinding"/>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
          <xs:attribute name="trainNumber" type="xs:string"/>
        </xs:complexType>
      </xs:element>
      <xs:element name="lineNumber" minOccurs="0">
        <xs:complexType>
          <xs:attribute name="lineNumber" type="xs:string"/>
        </xs:complexType>
      </xs:element>
      <xs:element name="information" minOccurs="0">
        <xs:complexType>
          <xs:attribute name="description" type="xs:string">
            <xs:annotation>
              <xs:documentation>Enter the description of the connection - e.g. 'Connection to
Berlin via Wolfsburg'</xs:documentation>
            </xs:annotation>
          </xs:attribute>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

BR, Philip

Screenshot showing the choice element on the left (post by Joachim) and the suggested change on the right (image is attached to the TRAC ticket #244):
