Subject: How to mix switches and crossings en connections ?
Posted by prenaud on Tue, 07 Jun 2016 07:31:26 GMT
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Hello,

We use the RailML 2.1 format in our company to describe the track plan for our customers.

As I'm a newbie with the RailML format, I have a question concerning the tag <connections> in the <trackTopology> description.

This tag is defined in the file infrastructure.xsd as a choice between elements of type <switch> and elements of type <crossing> :

```
<xs:complexType name="eConnections">
  <xs:choice minOccurs="0" maxOccurs="unbounded">
    <xs:element name="switch" type="rail:eSwitch" minOccurs="0" maxOccurs="unbounded"/>
    <xs:element name="crossing" type="rail:eCrossing" minOccurs="0" maxOccurs="unbounded"/>
  </xs:choice>
</xs:complexType>
```

But, on the tracks I have switches AND crossings ...

Of course, when I have the two types of elements <switch> AND <crossing> in the same <connections> tag for one track, the validation tools report an error :

Quote:element crossing: Schemas validity error : Element 'crossing': This element is not expected. Expected is one of (switch, crossing_additional_infos

How can I describe both the switches and the crossings for one track ?

Thanks for your help.

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