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Subject: Re: RailML-compliant?

Posted by [Christian Rahmig](#) on Mon, 14 Sep 2015 08:30:23 GMT

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Dear all,

just for clarification:

As already indicated by Bernhard an <openEnd> element as a child element of <switch> is, of course, invalid syntax. Please refer to [1] to find out that a <switch> must have at least one <connection> element for defining the connection to a branching track.

[1]

[http://schemas.railml.org/2013/railML-2.2/documentation/railML.html#element\\_switch\\_Link05F708D0](http://schemas.railml.org/2013/railML-2.2/documentation/railML.html#element_switch_Link05F708D0)

Best regards

Christian

Am 02.02.2015 um 15:01 schrieb A. Kuckelberg:

> Dear all,

> we received "RailML2.2-compliant" infrastructure data but had some  
> problems parsing it.

>

> There is one element <switch> (within infrastructure ->  
> tracks->track->trackTopology->connections) which contains an  
> openEnd-element:

```
>>     <switch [...]>
```

```
>>     <openEnd id="..." code="..."/>
```

```
>>     </switch>
```

> Is this compliant to RailML 2.2?

> If so, where can I find it within the schema?

> If not, is this invalid data with respect to the RailML-2.2-Schema?

>

> The corresponding part of the XSD is:

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

```
>   <xs:complexContent>
```

```
>     <xs:extension base="rail:tSwitch">
```

```
>       <xs:sequence>
```

```
>         <xs:element name="connection" type="rail:tSwitchConnectionData"
```

```
>       maxOccurs="3">
```

```
>         <xs:annotation>
```

```
>           <xs:documentation
```

```
>     source="http://wiki.railml.org/index.php?title=IS:connection_switch" />
```

```
>         </xs:annotation>
```

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

```
>     </xs:sequence>
```

```
>   </xs:extension>
```

> </xs:complexContent>  
> </xs:complexType>  
>  
>  
> Thanks in advance,  
> Alexander  
>

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Christian Rahmig  
railML.infrastructure coordinator

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