Subject: Re: How to mark the end of a speed restriction?
Posted by Christian Rahmig on Fri, 20 Jun 2014 05:15:37 GMT

Dear Susanne,

Am 12.06.2014 23:32, schrieb Susanne Wunsch:
> [...]
>
> Why not to enhance this type with an xs:union and restricted xs:string
> for the xs:enumeration value "end"? It would be the same way, as already
> done with "rail:tOtherEnumerationValue".

Thank you very much for your input. And this is how I implemented:
I introduced a new simple data type "tVMax", which may contain a speed
value in kmph as well as the string value "end":

```
<xs:simpleType name="tVMax">
 <xs:union>
   <xs:simpleType>
     <xs:restriction base="rail:tSpeedKmPerHour" />
   </xs:simpleType>
   <xs:simpleType>
     <xs:restriction base="xs:string">
       <xs:pattern value="end" />
     </xs:restriction>
   </xs:simpleType>
 </xs:union>
</xs:simpleType>
```

The speedChange's attribute @vMax uses this data type.

I hope this solution solves the problem with the undefined maximum speed
at the end of a temporary speed restriction zone and I appreciate your
comments about it...

Best regards

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Christian Rahmig
railML.infrastructure coordinator