
Subject: Re: tVersionNumber

Posted by [Susanne Wunsch railML](#) on Thu, 12 Jun 2008 09:04:27 GMT

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Susanne Wunsch wrote:

> coord@timetable.railML.org wrote:

>

>> a new Version "1.1.1" would be fine, but tVersionNumber is defined as

>> decimal (x.yy). Shall we switch to string with pattern xx.yy.zz ?

>

> If some release version needs correction, some three part version number

> should be helpful. (Your offer: xx.yy.zz)

>

> Changes in "rollingstock"-schema shows need for 1.1.1

>

> If nobody disagrees, I would help with new type for "tVersionNumber" in

> "genericRailML.xsd".

>

My offer would be following:

```
<xsd:simpleType name="tVersionNumber">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="[1-9][0-9]?\.([0-9][1-9][0-9])(\.[1-9][0-9])?" />
  </xsd:restriction>
</xsd:simpleType>
```

That allows version numbers like:

first part: 1.0 10.0 99.0

second part: 1.0 1.9 1.10 1.99

third part: 1.0.1 10.0.10 1.0.99

It doesn't match following strings:

0 no comment

1 use 1.0 instead

1.00 use 1.0 instead

1.0.0 use 1.0 instead

1.01 use 1.1 instead

1.0.01 use 1.0.1 instead

I hope, it might be understood. Anything else, I can help with less theoretical examples.

Feel free to discuss.

Do we really need it???

If nobody disagrees, I upload the code in "common-genesis".
(http://www.railml.org/en/development/common_genesis.html)

Kind regards,
Susanne

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Susanne Wunsch
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