
Subject: <speedChangeGroup>

Posted by [Matthias Hengartner](#) on Tue, 15 Mar 2005 17:54:27 GMT

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Hello,

as I mentioned last wednesday at the railML-meeting, I have a suggestion concerning the <speedChange>-Element.

When there is a speed change on a track, it concerns oftentimes not only one but several train categories. In my opinion, it would be much more practical to combine them. I imagine something similar to the <signalGroup>/<baliseGroup>-elements. The main difference is, that we have the base track element attributes (position, ID, dir, etc.) in the "group-element" (let's call it <speedChangeGroup>), and the <speedChange>-specific attributes (particularly vMax and trainCategory) in the "member-element" (<aSpeedChange>).

I think best way to illustrate is an example:

```
<speedChangeGroup elemID="SC009" pos="12.039" absPos="46.132" dir="up">
  <aSpeedChange vMax="90" trainCategory="R"/>
  <aSpeedChange vMax="135" trainCategory="A"/>
  <aSpeedChange vMax="160" trainCategory="D"/>
  <aSpeedChange vMax="200" trainCategory="N"/>
</speedChangeGroup>
```

I hope we'd find better names than <speedChangeGroup> and <aSpeedChange> for this. Any ideas?

And another open point is the placing of the attribute "status".

What do you think about this?

Best regards
Matthias Hengartner

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