

Hello,

I'm very glad about the new schema with all the changes and new elements and hope there is only a small step to version 1.0!

- the attribute "type" (of <track>) should not be required (because some exporting programmes may not know what type a track is)
- could we have something like <generalElement> also in the <infraAttrGroup> ? ("<generalInfraAttribute>" or similar)

- I'm also glad about the possibility to place a switch (and also a crossing) on a <trackBegin> / <trackEnd>. But I'd prefer to have only a reference to a switch/crossing which is located in the <connections>-container.

- It's also a good thing that we have the absolute position separated in 2 parts. But I'm a little bit confused about the format of these two attributes. Both are decimals with 12 digits, 5 of them after decimal point. What unit is "absPosOffset" meant to be? In the former versions of the schema, the 2 patterns for "absPos" were

1. km: {dddd}d.d{dddd}

2. km + m: {dddd}d.d + {ddd}dd{.dd}

If these are close to reality (I guess they are), my suggestion is: 10/5 digits for "absPos" (km) and 7/2 for "absPosOffset" (m)

- <mileageChange>: I'm confused about the use of absPos, absPosOffset, absPosIn and absPosInOffset, especially after having studied the two mileageChanges in the demoNet-file. Perhaps it would be clearer if we had "absPosOut" instead of "absPosIn".

- We have a new element type <trainProtectionElement> in the <ocsElements>-container, but we have also the ("old") <trainProtectionChange> in <trackElements>. Intention or mistake? If it's intention, what is the difference between <trainProtectionElement> and <trainProtectionChange>? If it's a mistake, why is the attribute "monitoring" not included anymore?

- The new <crossing>-element has an attribute "dir". What is the use of this, since we have already the "branchDir"-attribute in the connection?

- I've noticed, that longitude, latitude and altitude are now implemented as attributes instead of child-elements of <geoCoords>. I'm fine with that.

- and finally, 2 little misprints:
<axleCounter>/posInTrack --> outsideRight
annotation of "absPosAttrGroup" ("handlicng")

See you next week in Berlin!

Regards,
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