

---

Subject: suggestion for improved use of infraAttrGroups  
Posted by [bob.janssen](#) on Wed, 29 May 2013 09:29:53 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Dear all,

the tag infraAttrGroups is a container for pre-defined infrastructure attributes. One would use it to mark e.g. all tracks that have a common property, e.g. traction 25kV or similar gauge.

In a way, this is similar to unix groups. A user belongs to group "lp, printer, scanner group".

I think this is the idea behind infraAttrGroups. At present, <track> has an attribute infraAttrGroupRef. In other words, it is not possible to create a relation between one <track> and more than one <infraAttrGroup>. If a track points to more than one infraAttrGroups, we could emulate the unix-style group usage. This implies that <track> needs a 0..n children <infraAttrGroupRef>

How about it ?!

ps. this is my first and probably not my last contribution !

--

----- posted via PHP Headliner -----

---

---

Subject: Introducing myself  
Posted by [bob.janssen](#) on Fri, 31 May 2013 15:57:25 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

it is good practice to introduce myself to this forum: I'm an employee of Siemens NL, Den Haag.

I've been in rail automation for over 15 years, doing ETCS, tests, CBTC, R&D, sales; the lot.

RailML caught my interest when doing simulation of the dutch high-speed line (the only one in this muddy country for the time being ;) The raildata could be imported by RailML, really cool !

Since, the idea has caught on that RailML is a fine format for data-exchange between networkmanagers and suppliers for signalling, simulation, OCS... This will be a huge leap for mankind (or at least a few of 'm). Dutch ProRail is highly interested in the idea as a more efficient means of data exchange will become necessary in the foreseeable future; engineering ETCS by hand from scans of outdated maps would be a nightmare. Currently, we're in a project with ProRail to try and map their network onto RailML. The previous posting puts a finger on one of the things that

were suboptimal.

Anyhow, all this sums up my interest RailML, may it be successful.

Bob Janssen

--

----- posted via PHP Headliner -----

---

---

Subject: Re: suggestion for improved use of infraAttrGroups  
Posted by [Christian Rahmig](#) on Sun, 02 Jun 2013 20:03:41 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Dear Bob,

thank you for your message and also for introducing yourself to the reading community. As the railML infrastructure coordinator I welcome you to the railML forum.

Concerning your idea:

Am 29.05.2013 11:29, schrieb Bob Janssen:

> Dear all,  
>  
> the tag infraAttrGroups is a container for pre-defined infrastructure  
> attributes. One would use it to mark e.g. all tracks that have a common  
> property, e.g. traction 25kV or similar gauge.  
>  
> In a way, this is similar to unix groups. A user belongs to group "lp,  
> printer, scanner group".  
> I think this is the idea behind infraAttrGroups. At present, <track> has  
> an attribute infraAttrGroupRef. In other words, it is not possible to  
> create a relation between one <track> and more than one <infraAttrGroup>.  
> If a track points to more than one infraAttrGroups, we could emulate the  
> unix-style group usage. This implies that <track> needs a 0..n children  
> <infraAttrGroupRef>  
>  
> How about it ?!

I was waiting few days to see if other users will comment on it. I personally like your idea very much. And I think, that others would agree if they really used the infraAttrGroups. By changing the reference to such an infraAttrGroup from the <track>'s attribute "infraAttrGroupRef" to a child element <infraAttrGroupRef> the infraAttrGroup may become more usable in practice.

Therefore, I would like to ask the other users: What do you think about

Bob's idea? Let's implement it for railML 2.3? Any comments appreciated...

>

> ps. this is my first and probably not my last contribution !

I am looking forward to your next idea :)

Regards

--

Christian Rahmig  
railML.infrastructure coordinator

---

---

Subject: Re: suggestion for improved use of infraAttrGroups  
Posted by [Christian Rahmig](#) on Tue, 11 Jun 2013 10:31:09 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Dear Bob,

Am 02.06.2013 22:03, schrieb Christian Rahmig:

> I was waiting few days to see if other users will comment on it. I  
> personally like your idea very much. And I think, that others would  
> agree if they really used the infraAttrGroups. By changing the reference  
> to such an infraAttrGroup from the <track>'s attribute  
> "infraAttrGroupRef" to a child element <infraAttrGroupRef> the  
> infraAttrGroup may become more usable in practice.

I have good news. We decided to implement the infraAttrGroupRef grouping already with railML 2.2. More information can be found in the Trac ticket [1].

[1] <https://trac.assembla.com/railML/ticket/233>

Regards

--

Christian Rahmig  
railML.infrastructure coordinator

---

---

Subject: Re: suggestion for improved use of infraAttrGroups  
Posted by [christian.rahmig](#) on Mon, 11 Jun 2018 08:54:21 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Dear all,

after last adaptations of the XSD inline documentation and of the wiki page [2], Trac ticket #233 has been finally closed with railML 2.4.

Am 11.06.2013 um 12:31 schrieb Christian Rahmig:

> I have good news. We decided to implement the infraAttrGroupRef grouping  
> already with railML 2.2. More information can be found in the Trac  
> ticket [1].  
>  
> [1] <https://trac.assembla.com/railML/ticket/233>

[2] <https://wiki.railml.org/index.php?title=IS:infraAttrGroupRef>

Best regards  
Christian

--

Christian Rahmig - Infrastructure scheme coordinator  
railML.org (Registry of Associations: VR 5750)  
Phone Coordinator: +49 173 2714509; railML.org: +49 351 47582911  
Altplauen 19h; 01187 Dresden; Germany [www.railml.org](http://www.railml.org)

---