
Subject: serviceSections extension

Posted by [Martin Zien](#) on Wed, 09 Mar 2022 14:52:15 GMT

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The current contents of the serviceSections are strongly driven by the needs of maintenance of the rolling stock.

Of course, there is also a need to do maintenance to the infrastructure assets.

One scenario which might apply here:

- a) Identify a serviceSection which is capable to do maintenance of infrastructure equipment
- b) staff with a GPS-equipped handheld device must be allocated at a certain landmark, before a switch is operated to check the successful maintenance.

So, what do you think of introducing optional attributes:

- a) serviceSection@isInfrastructureMaintenanceWorkshop
- b) serviceSection@isInfrastructureMaintenanceSafetyLocation

Of course, further scenarios for maintenance of the infrastructure may be possible, too.
Feel free to contribute with your ideas.

Subject: Re: serviceSections extension

Posted by [christian.rahmig](#) on Tue, 22 Mar 2022 08:39:20 GMT

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Dear Martin,

as discussed in the ETCS working group meeting on 11.03.2022 the naming of the service section services (boolean) shall be unified according to the pattern @allows{domain}{service} or @is{domain}{service}. I filed a git issue for this topic [1].

This means for your proposed attribute a) @allowsInfrastructureMaintenance.

For your proposal b) I suggest to model it as an own extension (at least for railML 3.2), since the discussion in the working group did not come to a clear conclusion.

[1] <https://development.railml.org/railml/version3/-/issues/499>

Best regards
Christian
