
Subject: Re: XML list files in an element-centric structure (was: small issues on "register" and "tLineInfrastructureManagerCode")

Posted by on Fri, 07 Dec 2012 14:17:27 GMT

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Dear Susanne,

thank you for providing the possibility to take part at this important decision.

To make it short: I opt for keeping the current philosophy of usage of attributes and elements. I opt for still using attributes for simple, base-type information.

In general: The reason for my opinion is the file size: With elements a file is bigger than with attributes because of the repeating of the element names. Due to a simple file-size proportionality, the processing of element-like files tends to be longer than that of attribute-like files. We already have very large RailML files with processing times sometimes of some minutes (!) and I do not want to get a problem with file size or processing times in future.

But I am aware that there are many arguments for both solutions and I also do not want to start this discussion again here. So this should be a simple vote in a democratic manner without much arguing.

In specific: If RailML 3.0 or 10.0 or whatever would change all the existing attributes to elements (even if except the three you named), we possibly wouldn't be able to use that RailML schemes because I think it is too much effort to change all the existing programming for iRFP and for all our partners. So here in particular I opt a little bit "stronger" for keeping the structures and philosophy we already have.

With best regards,
Dirk.
