Subject: Re: Certification of import-program and "lineRef"
Posted by Christian Rahmig on Mon, 09 Feb 2015 13:23:00 GMT
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Dear Utah,

thank you for your message that is to some extend also related to the infrastructure schema. Therefore, please find my comments on your questions below:

Am 27.01.2015 um 06:26 schrieb Yutaka Manchu:
> Dear All,
>
> This question is about the certification of import-program from
> railML2.2, but it might be related to the topic:"Aspects of timetable
> 3.0"*1 written by Burkhard on 16 Oct., 2014.
>
> *1) http://www.railml.org/forum/ro/?group=2&offset=0&thr ead=117&id=418
>
> [Case]: Toshiba's system*2 requires "lineRef" attribute of "sectionTT"
> when importing a railML file, to generate each "train".
>
> *2) http://www.toshiba-sol.co.jp/english/industry/trueline/index .htm
>
> "sectionTT" could refer either "line" and "track"s.
>
> I am aware that there's a sample railML file:"Ostsachsen V220.xml"*3 that
> has "lineRef", but almost all sample files like "TT_S-Bahn_ZH.xml" do not
> have "lineRef" and my system could not import them at all.
>
> *3) http://www.irfp.de/deutsch/fbs/schnittstelle_railml_entwickl er.html
>
> 1) Could Toshiba's system get the import-program-certification, even if it
> can only import the railML files with "lineRef"?

If your specific use case connected with the import of railML data requires the existence of the <lineRef> attribute (and thus the <line> element as part of the railway infrastructure), then it is clear that your import interface can only be verified using railML files that contain these information.

> 2) Could "railML 3" that has macro(line), meso and micro(tracks) levels
> deal with this problem somehow?

Yes, we are going to solve this problem with our use case approach: As each use case requires different data regarding railway infrastructure, timetable, etc., it is necessary to categorize these use cases and to specify their elements and parameters. An import/export interface for

railML3 will be designed to suit certain use cases. Consequently, it will be clear what kind of elements the interface requires.

Best regards

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Christian Rahmig
railML.infrastructure coordinator
