
Subject: railML 3.x - NTSM use case organisational/contact data

Posted by on Tue, 28 Aug 2018 14:52:08 GMT

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Dear railML-Community,

we intend to publish our network statement with the availability of a stable railML 3 version also in this format.

We would like to publish the following values in railML-3 format:

- Country and IM of a line, a track and an operating point
- Membership in national classification (e.g. NUTS-1; NUTS-2; NUTS-3; ...)
- Regional Directorate / Branch of the IM
- Dispatching area and dispatching centre of the IM
- Category of TSI INF for Passenger and Cargo
- Address of the operating point and availability
(telephone, fax, mobile GSM, GSM-R, RBC availability,...)

Can these values be added in one of the next railML-3 versions under the use case NSTM?

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Miloš Futera

<http://www.szdc.cz>

Subject: Re: railML 3.x - NTSM use case organisational/contact data

Posted by [christian.rahmig](#) on Tue, 28 Aug 2018 15:44:02 GMT

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Dear Milos,

thank you for your input to updating the railML NEST use case. Please let me comment on your long "wishlist" in detail below:

Am 28.08.2018 um 16:52 schrieb Futera Miloš:

> [...]

> - Country and IM of a line, a track and an operating point

railML 3 already contains information about the infrastructure manager responsible for a line or operational point. Both elements, <operationalPoint> and <line> have an appropriate attribute @infrastructureManagerRef that links to the <infrastructureManager> in container <organisationalUnits>. The codelist infrastructureManagers.xml lists all the infrastructure managers with their UIC and ISO country code, e.g. "SZDC" with "0054" (UIC) and "CZ" (ISO). So, I think, that this request is fulfilled with railML 3.1.

> - Membership in national classification (e.g. NUTS-1; NUTS-2; NUTS-3; ...)

Interesting topic. So far, railML does not contain any location information in context of "NUTS" [1]. However, this seems to be a very generic part of the model (to be applied for many elements) and therefore, detailed investigation of possible implementation options shall be done - I think, that this is a topic for the railML NEST working group.

> - Regional Directorate / Branch of the IM

If I understand you correctly, you want to reference a department or regional office of a known infrastructure manager? What is the purpose behind? Which (specific) information do you need?

> - Dispatching area and dispatching centre of the IM

Again a topic of responsibilities. Probably it is not sufficient to have only one reference to an infrastructure manager from an OP or a line. Maybe, it is better to reference different railway companies by their role: For example, a railway line can be owned by one company, maintained by another one and operated by a third one. So, instead of having one attribute @infrastructureManagerRef, we may think about several attributes @ownedBy, @operatedBy, @maintainedBy, @dispatchedBy?

> - Category of TSI INF for Passenger and Cargo

Do you refer to TSI line categories? Certainly, we should have references to TSI codes, but the aim should be to model the railway infrastructure primarily by its physical parameters and not by definitions of categories.

> - Address of the operating point and availability
> (telephone, fax, mobile GSM, GSM-R, RBC availability,...)

Good point. I am quite sure that there exists already some standard or data exchange format or schema for address and contact data. Does anybody from the community have any experiences?

> Can these values be added in one of the next
> railML-3 versions under the use case NSTM?

As I mentioned in the beginning: we should take these issues on the agenda for the railML NEST use case working group and then work on their implementation step by step.

[1]

https://en.wikipedia.org/wiki/Nomenclature_of_Territorial_Units_for_Statistics

Best regards from Dresden
Christian

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