
Subject: Train category for speed changes/speed profiles (was: last open points for speedProfiles in railML 2.2)

Posted by [Susanne Wunsch railML](#) on Mon, 11 Mar 2013 10:21:20 GMT

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Dear railML users,

as written in Christians posting some times ago, the aspect of train categories for speed changes / speed profiles is not satisfactory discussed.

Christian Rahmig <coord@infrastructure.railml.org> writes:

- > the release of the new version railML 2.2 is approaching...
- > One big issue of the new schema is the implementation of speed
- > profiles that will be referenced by the <speedChange> elements. Since
- > speed instructions depend on a lot of parameters resulting directly
- > from the train (e.g. braking configuration, load), from the track's
- > geography (e.g. slope) or from operation (e.g. route of the train),
- > the <speedProfile> element includes a lot of attributes. The details
- > can be found in trac ticket [1].
- >
- > At the end of this trac ticket few open points are listed and I want
- > to put these open points here into the forum and ask for your
- > comments:
- >
- > 1. What to do with the current "trainCategory" attribute in <speedChange>?
- >
- > Marking as "deprecated" is an easy way, but there are nevertheless
- > international train categories for lines, e.g. "NC_Train" of the ETCS
- > domain. Therefore I suggest to introduce a new attribute
- > "etcsTrainCategory" and mark the other one as deprecated.
- >
- > [1] <https://trac.assembla.com/railML/ticket/41>

There was no response here!

We met in Berlin last week and had small discussion at the round table about this issue. But these discussions did also not lead to a clear change request. I summarized the open points in a new Trac ticket and hope that this thread collects some statements about the wished and needed implementation for the upcoming railML 2.2.

See Trac ticket #225 [2]:

At the railML conference in Berlin (2013-03-06) a bit confusion raised around the train category for speed profiles and speed changes. See also #41 for the speed profile implementations.

Current implementation:

- * Attribute `etcsTrainCategory` in `speedChange` element.
- * no general train category attribute in `speedProfile` element, use other special characterization instead

Questions/requests:

- * general train category attribute for the `speedProfile` element
- * special train category attribute for the `speedProfile` element in order to define "passenger" and "goods" trains
- * special train category attribute for the `speedProfile` element in order to define special vehicle family types, e.g. "Flirt"

Any comments* in short-term appreciated.

[2] <http://trac.assembla.com/railML/ticket/225>

* +1, -1, questions, hints, use cases...

Kind regards...

Susanne

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Susanne Wunsch

Schema Coordinator: railML.common
