

I have complemented the mapping between railML and SBB stop descriptions

\\timetable\railML 2.4\Haltegrund --> Gegenüberstellung Haltearten
railML-SBB-ÖBB-DB.xls

Anybody who wants to contribute to the development having no access yet can surely apply for one.

Now, from my opinion, we could make the following next steps:

- Since a specification of stoppings in railML is needed, we should start with the stopping information common between the three (or two of the three) railways. These would be about 30 values (rows 28-64 of the Excel table). It could become a repeatable list of enumeration additional and optional to the basic stop types (railML: ocpType= und <stopDescription>).

If wanted, I can quickly create a suggestion for such an enumeration. It would cover 98% of the SBB's stop types. (All except two: Trassenwechsel and Intervention. These two would have to be implemented as "other:...".)

- We should use the term "stop description" rather than "reason" or such ("Haltezweck") since it is rather an additional information. It leads to all activities one can do during a stop without being necessarily reasons for the stop. (E. g. a "brake check" or "finishing train for departure" can hardly be reasons for a stop; also "intermediate parking" is rarely a reason for but rather a consequence of a stop.) Part of the very special "stop descriptions" should therefore, in my opinion, be deferred and be implemented later on demand at another place in railML.

- I personally wonder that we come as far as "stop for catering" (wherein at least 2/3 of the railways are united) but the security-relevant stops for (virtual) token exchange / train messages are not included so far. So, from a professional expertise, I suggest to count these stop descriptions here too. At least these operational stop descriptions should be distinguishable by operating days.

Hopefully this is a support for further development. Looking forward your replies,

with best regards,
Dirk.

P.S.:

- > Question regarding the attribute "onOff":
- > The railML attribute onOff is an enum with the allowed
- > values "BOTH", "ON" or "OFF". What value should be set for
- > stops where e.g. the train crew changes (Halte Zweck:
- > "Auf-/Absteigen Personal")? This is a stop for BOTH but not
- > for the passengers.

"onOff" is intended for traffic stops (commercial, "public" stops) only.
"Auf-/Absteigen Personal" is not a public stop therefore it shall be implemented as @commercial=false, @operationalStopOrdered=true or false. This is to be regarded as implicit by definition.

- > There are also stop descriptions where none of the enum values are suitable (e.g. for "Kreuzung").

Again same answer: "Kreuzung" (only) is not public. A stop which is both for passenger exchange and crossing, is (per definition) a public stop and therefore you can use @onOff=both/on/off. If you want to use "none", it is per definition a non-public stop with implicitly no on/off.
