
Subject: Re: Steckenunterbruch/line blocking

Posted by on Wed, 05 Dec 2012 19:55:46 GMT

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> for getting a connection to another forum, it is better to use the
> followup-tag.

I don't know what a follow-up tag is.

> Your idea limits the blocking to tracks

That was my intention. The original question was on blocking of lines only. I do not want to solve problems we don't have now.

Some days ago, somebody wrote

> we will focus on the main aspects only.

> However, since the "disabled" sub-element will be available for all
> relevant tracks, there is no need to define a length of the blocking
> section in form of a "from-to" attribute group.

But then there would be no possibility do "block a part of an <element>" such as part of a track (sub-section of a track). In the world of timetabling, we do normally not always know the exact elements which are disabled or which are the reasons for a blocking.

A typical problem (to solve here) is "line/track is blocked from ... to" with from/to being mileages or stations. Since trains can operate between stations only, the only relevant aspect for timetabling is between which stations a track is closed.

Anyway, I think we have two very different views of the problem with each one being entitled. So I do not want to say that a possibility to declare any infrastructure element as disabled wouldn't be useful. But currently, the problem was something else on the much less detailed level of timetabling.

> Here, I suggest to just implement a reference from the <disabled>
> element to an operating period.

Such a reference would - as far as I know - the first time we would create such a "forward-reference". Forward in the meaning of "from infrastructure to timetable". We already have many references from timetable to infrastructure which are "natural" since one _first_ needs infrastructure _before_ one can operate a train.

To have both directions, I would think is like "circular references" which sometimes can become problematic in informatics. In my opinion, a software

first has to import <infrastructure> before it can import <timetable>. So it wouldn't be able to dissolve the references from infrastructure to timetable when importing.

But this is my opinion only.

Dirk.
