Subject: Daylight saving time
Posted by Nils Poldrack on Mon, 05 Apr 2004 08:54:36 GMT

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Hello Mr Rubroeder,

because you are responsible developing the timetable schema I have a
special question to you. (I'm just writing an "Instruction how to build
a railML schema".)
Is it necessary to write a separat paragraph about daylight saving time?
Or is this feature not used in timetables?

And what about time zone? You told about implicitly coded time zone in
your presentation on the last railML meeting on 2004-04-02. So I will
not write a paragraph dealing with time zones.

Thank you for your answer and opinion

Nils Poldrack
Fraunhofer IVI Dresden

Subject: Re: Daylight saving time
Posted by Joachim.Rubröder on Mon, 05 Apr 2004 12:15:35 GMT

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Hello,

about daylight saving times:
There are no trains in europe, crossing a border with one country saving
daylight and the other one not. All countries (except island) change
time the same night. In practice, there are no special timetables for
these two nights - the trains are one hour late in spring and wait one
hour in automn.

time zones:
This Problem is also a bit hypothetical. Very few railways have to deal
with different time zones. I think russia is planing everything in
Moscow-time and finland and most others use local times together with a
short remark in their published timetables. But if you like to do it
more than correct and with railML, you will be able to write every
german time like "08:00+01:00" and refer it to GMT.

I dont't think, there is the need for special paragraphs, just for this
two cases, but the question appeared several times before, so maybe
there is the need to metion them in a short sentence.

Greetings from Zurich,

Joachim Rubröder
SMA und Partner AG

Nils Poldrack schrieb:
> Hello Mr Rubroeder,
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> special question to you. (I'm just writing an "Instruction how to build
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> Nils Poldrack
> Fraunhofer IVI Dresden
>

Subject: Re: Daylight saving time
Posted by Nils Poldrack on Wed, 07 Apr 2004 12:31:22 GMT
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Dear Mr. Rubroeder,

thank you for your answering so fast. You're right: in Europe all
countries use daylight saving time (abbr.: DST) - right now. But what
will happen in future, if one or more country will not?
But I think this should not be the problem. Using ISO 8601 time with
optional time zones or the difference to GMT will bypass this problem.

So I will write in my document: "Time and date MUST be used like
described in ISO 8601. A computer programme SHOULD convert it to local
time." Or the like.

Does anybody have suggestions or arguments against this proceeding? I'm
looking forward receiving mails...

Many greetings from Dresden

Nils Poldrack

Joachim Rubröder schrieb:
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>
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