
Subject: Daylight saving time

Posted by [Nils Poldrack](#) on Mon, 05 Apr 2004 08:54:36 GMT

[View Forum Message](#) <> [Reply to Message](#)

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

[View Forum Message](#) <> [Reply to Message](#)

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,
- >
- > 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 [Nils Poldrack](#) on Wed, 07 Apr 2004 12:31:22 GMT
[View Forum Message](#) <> [Reply to Message](#)

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:

- > 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,
 - >>
 - >> 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
 - >>
 - >>
 - >
-