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Subject: Re: scheduleformat / periodformat

Posted by [thomas.kauer](#) on Wed, 15 Oct 2003 14:52:53 GMT

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Hello,

I agree with Joachim Rubröder. If possible we should use an existing standard format for times and durations and with the standard mentioned below it should be possible to cover all our needs.

Greetings from Bern  
Thomas Kauer

Joachim Rubröder wrote:

- > Hello,
- > I had a short discussion with Joachim Buechse (ERGON) about RailML and
- > we agree, that it is not a good style for RailML to invent new time
- > formats. There is a common standard (ISO8601) for times and durations,
- > so why not using it.
  
- > A "time" has the flexible format "08:13", "08:13:18", "08:13:18.5678" or
- > even "08:13:18.0+01:00", but not "08:13,3". It's also forbidden to use
- > "HH:MM:SS" as empty field.
  
- > A "duration" of 2 minutes is given as "PT2M" or "PT120S" or "PT1M60S",
- > always "PT", continued by the time duration in hours, minutes or seconds.
  
- > If everyone agrees, I would like to delete the elements <periodformat>
- > and <scheduleformat> and change the type from "xsd:string" to "xsd:time"
- > for all time fields and to "xsd:duration" for all fields containing a
- > time period.
  
- > Greetings from Zurich,
- > Joachim Rubröder (SMA)