
Subject: scheduleformat / periodformat

Posted by [Joachim.Rubröder](#) on Wed, 15 Oct 2003 08:26:38 GMT

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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)
