
Subject: attributes meanDelay and meanDelayDeparture
Posted by [Lukas Haldemann Lukas](#) on Tue, 19 Aug 2003 12:49:56 GMT
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Hil'm writing an import filter in RailML as part of my diploma theses and here the following question came up:What is the meaning of the attributes meanDelay and meanDelayDeparture for <entry> or what is the reason they are in the scheme?If you do have planned data <train type=planned> you won't have this information available.If you do have actual data (measured) you need this data day-by-day and had to define a new<train> for each day. So I can't think about a case where these attributes would be helpfolor where I'm wrong?Thanks, Lukas

Subject: Re: attributes meanDelay and meanDelayDeparture
Posted by [Daniel Huerlimann](#) on Wed, 20 Aug 2003 05:52:17 GMT
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Hello

"Lukas Haldemann wrote:

- > I'm writing an import filter in RailML as part of my diploma theses and here
- > the following question came up:
- >
- > What is the meaning of the attributes meanDelay and meanDelayDeparture for
- > <entry> or what is the reason they are in the scheme?
- >

The meanDelay attribute was integrated into the scheme because it can be a useful information for simulation systems. You can have all your planned data for a given (or future) timetable but beside that you can have real delay date (statistics) evaluated by a dispatching system or train control system (e.g. over the last time period). A simulation then can reproduce the same pattern of failures and delays in a new timetable and check if the timetable is stable and robust.

Best regards

Dani
