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Subject: [railML2] Usage of //ocpTT/times/@scope  
Posted by [Milan Wölke](#) on Tue, 14 Jul 2020 13:37:51 GMT  
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Hi community,

the railML's TT developer group has decided to clarify the documentation on <trainPart/ocpsTT/ocpTT/times>@scope (<https://wiki2.railML.org/index.php?title=TT:times>). In that regard we first collected how <times> is used among the members of the developer group. The following list describes the common understanding as of today:

"calculated": Times resulting from the running time simulation; not yet communicated to a party.

"scheduled": Operational times agreed between IM and RU; the arrival and departure time as operationally scheduled

"published": Customer related times communicated from the RU to the end customer (passenger/freight forwarder/...; e.g. an earlier departure time than @scheduled which is communicated to the passengers). Sometimes they could be also less precise than the @scheduled times, e.g. scheduled times are precise down to the second, while published times could be limited to minutes. Also published times are often provided only for the ocpTTs of a train, where a difference between @scheduled and @published occurs (to be confirmed by the community!).

"actual": Describes measured times that the train generated by its run.

So far we do not know of usage for the other enumeration values of <trainPart/ocpsTT/ocpTT/times>@scope ("earliest" and "latest"). Which of the 6 values are you using in your tools and systems? What is the current semantics in place?

You would help us a lot, if you could provide your understanding of <times> in your tools, so we can see if we have a consensus and thus can sharpen the documentation to improve understanding for new people using railML. This also allows us to choose correct and clear modelling when developing the TT section of railML 3.x.

Thanks in advance.

Best regards, Milan

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