
Subject: Suggestion for a new use case: run time calculation
Posted by [Torben Brand](#) on Thu, 04 May 2023 07:44:20 GMT
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Dear railML timetable community,

I have made a mapping of the UC suite of ISO RailDax with railML3 and found that there are some UC missing in railML:

- Schematic track plans for infrastructure planning OK, "SCTP"
- Runtime calculations (builds on 1), missing!
- Network statement of an infrastructure manager annex asset descriptions OK, "NEST"
- Passenger assets of rolling stock for operational planning, missing!
- Operational timetable planning (builds on 2,3&4), needs clarification
- Operational timetable simulation (builds on 5,2&1) OK, "RSIM"

See attached illustration.

Most important here is the UC run time calculation. I hereby suggest creating the use case in the railML community. As ownership relevant use is closest in the timetable community, I suggest doing the work in the TT working group. The good news is that Most of the work is already done!

minor clean-up work in relation between RTC and SCTP. I will post about this in the IS forum. What is missing is the rolling stock items. Thus, I suggest making a UC «RTCR»: RunTime Calculation for Rolling stock. Although the UC is RS scheme related, the use stems from the TT community (also there is currently no RS working group), thus the suggestion to do the work in the TT working group. I will make a cross post in the RS forum.

High level content of RTCI:

- Tractive capabilities (like effort curve, adhesion...)
- Braking capabilities
- Physical properties (like weight and length)

What does the TT community think of this proposal?

Kind regards Torben Brand, Jernbanedirektoratet

File Attachments

1) [UC ISO Raildax and railML3.pdf](#), downloaded 203 times
