
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 230 times

Subject: Fwd: Suggestion for a new use case: run time calculation
Posted by [Torben Brand](#) on Mon, 29 May 2023 21:24:47 GMT
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Dear railML timetable community,

We agreed in our TT working group telco on 4. May that there is a requirement for the runtime calculation use case. Selected members of the TT community volunteered to participate in the development of the UC in a temporary separate subgroup that will report to the TT working group (for the duration of the subgroup). see meeting minutes in railML cloud for details. The UC will cover input data for runtime calculation, thus the abbreviation "RTCI" was chosen. Goal is to finish the draft work before summer holiday and do final clean-up in August.

In the SCTP working group telco on the 12. May we agreed that we should make separate sub use cases for a clean approach. This like the ETCS track net use case.

The sub use cases will be:

RTCI-a for infrastructure (and possibly interlocking) schema

RTCI-b for rolling stock schema

RTCI-c for timetable schema

RTCI-a will be first solved in a temporary sub use case "RTC" under SCTP (additional column in the mandatory attribute Excel sheet) in the SCTP working group. I will make a draft, before next SCTP meeting 9. June. Data from here will be moved to RTCI-a later in the clean-up phase.

RTCI-b will be developed by the new TT subgroup RTCI. It will convene on its first meeting online on 6. June 12:00-13:30. Please contact me or railML if you are interested in participating. I will make a draft prior to the meeting.

Subject: Re: Fwd: Suggestion for a new use case: run time calculation
Posted by [Torben Brand](#) on Thu, 21 Sep 2023 15:00:12 GMT

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Dear TT community,

I have just made a post in the infrastructure forum for requirements for sub use case RTCI-a (infrastructure):

https://www.railml.org/forum/index.php?t=msg&goto=3131&#msg_3131

This for your information.

Subject: Re: Fwd: Suggestion for a new use case: run time calculation
Posted by [Torben Brand](#) on Mon, 25 Sep 2023 06:35:20 GMT

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Dear TT community,

I would like to point to your attention the upcoming SCTP working group meeting THIS Friday, 29.09.2023, 12-13h CEST.

The agenda for the meeting will be amongst others the use case Run Time Calculations (for infrastructure; RTCI-a) and its Use case element requirements specification table.

I would be happy if all members of the RTCI-b working group (sub working group under TT) would

attend! :smile:

Link to the meeting:

<https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.railml.org%2Fen%2Fevent-reader%2Frailml-is-nest-subgroup-telco-2023-09-29.html&data=05%7C01%7Ctorben.brand%40jernbenedirektoratet.no%7C8a5caa4b190a4c2762fd08dbbd337896%7Ce67ac5947a8749d3abd5e2486182f950%7C0%7C0%7C638311800986969836%7CUnknown%7CTWFpbGZsb3d8eyJWljoImMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0%3D%7C3000%7C%7C%7C&sdata=nGCLjELwt8w9kQI3OV%2BV6WWWhJ7TeBYOo7YI8%2BNwvJUJ%3D&reserved=0>

If you cannot access the link please contact Christian Rahmig, IS Coordinatator
