
Subject: Re: [railML2] extend <formation> with the attribute @load
Posted by [Joerg von Lingen](#) on Mon, 02 Nov 2020 04:55:10 GMT
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Dear Torben,

that's a good idea. The weight attributes for a formation were simply "copied" from vehicle. However, the needs for weight values of a formation are different.

[railML3]: I will consider this for the new development.

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Regards,
Jörg von Lingen - Rollingstock Coordinator

Torben Brand wrote on 27.10.2020 21:41
Dear railML-community,

In the Norwegian railway sector we would like to use predefined formations for usage in the timetable. For this purpose we would also like to use formations with real referenced vehicle, but with virtual wagons and payload. This is possible today in railML2.4, but is cumbersome as you can only define the complete formations weight with payload with usage of `formation@bruttoWeight`. We would like to be able to define only the towed weight of the wagons and payload, excluding the locomotive. This in the same manner as possible in `formationTT@load`.

If this attribute is of interest for more users, we would welcome a discussion for a possible integration of a new attribute `formation@load` in railML2.5. Any feedback is highly appreciated.

If both `formation@load` and `formationTT@load` are defined, `formationTT@load` takes precedence.

PS. We also recommend making the definitions of weight, load and timetableLoad under `formationTT` in the wiki more precise. What is meant with "real"? We also recommend making the definitions of `bruttoWeight`, `nettoWeight` and `tareWeight` under `formation` in the wiki more precise. What is meant with "of that formation"?

I have attached an illustration to try to illustrate the definitions and the suggested new attribute.

Kind regards

Torben Brand
Jernbanedirektoratet

Attachment: `formationWeight.pdf`