As I so faar have gotten no feedback from the community I will allow me to give a solution suggestgion.

Please add the following new (in blue) optional elements and attributes to railML2.4RS:

<vehicle><speedProfileRef>
@ref="corresponding id in <infrastructure/speedProfile>in the same file" of type id and optional
@name="corresponding name in <infrastructure/speedProfile>in another file" of type string and optional

Usually the lowest comon denominator of the combination of vehicles will determin the speedProfile of the formation. But the formation can also reduce/determin the speedProfile in it's own right. Setting the speedProfile in the formation is also nessesary when not modelling the wagons as vehicles, but as just as increased weight, length and lower speed than the vehicle attached. So the same extention must be attached under formation.

<formation><speedProfileRef>
@ref="corresponding id in <infrastructure/speedProfile> in the same file" of type id and optional
@name="corresponding name in <infrastructure/speedProfile> in another file" of type string and optional