
Subject: [railML3] Construction of virtual signals
Posted by [Larissa Zhuchyi](#) on Mon, 09 Sep 2024 09:26:43 GMT
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Dear all

2024-01-22 railML.org suggested the new semantic constraint IS:005 [1] for the representation of the railway signals. Please let us know if you do not agree with it withing the following month.

The background is as follows:

In railML3 <signalS> has child <signalConstruction> with attribute @type with one of enumeration values "virtual: signal has no physical presence on the track. Command is passed in some other way, e.g. radio".

<signalConstruction> has also other attributes: @height and @positionAtTrack. These surely seem to be intended for physically present entities.

Suggested semantic constraint is as follows: signalConstruction/@height and signalConstruction/@positionAtTrack should not be used with signalConstruction/@type = "virtual".

[1] https://wiki3.railml.org/wiki/Dev:Semantic_Constraints

Sincerely,
