
Subject: Re: [railML2] Adding a new element informationArea to ocp
Posted by [christian.rahmig](#) on Fri, 11 Jun 2021 14:25:46 GMT

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Dear Christian,

In our view, it would be a clearer modelling if we used geo-coordinates that do not contain height information. Since we do not necessarily want to introduce a new element for this, our question is whether such an element already exists. Alternatively, we would use the existing <GeoCoord> element and point out in the documentation that in this context the height should not be specified.

I suggest to define this rule of having only 2-dimensional coordinates for information areas as a semantic constraint for two reasons:

- * we don't need to define a new datatype for a spatial coordinate, but can make use of the existing one
- * we remain open for future changes, e.g. when railways conquer also the vertical dimension of space ;-)

I created a new Trac ticket #473 [1] for the topic to be included in railML 2.5.

[1] <https://trac.railml.org/ticket/473>

Best regards
Christian
