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Subject: Re: [railML2] Adding a new element informationArea to ocp

Posted by [Thomas Nygreen](#) on Thu, 01 Jul 2021 21:52:11 GMT

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Dear all,

If merging the two area approaches, then <genericArea> seems like a good name suggestion. If we were to keep them separate, I suggest <trackArea> for the type defined by positions on tracks and maybe something like <geographicArea> for the type defined by geographic coordinates. When joining the two, it is important to make sure that the added flexibility has a benefit and does not only end up being a burden to the consumers of the files. Continuing on that note, I would suggest skipping the rectangle definition altogether, as it is just a special case of a polygon.

Following Torben's train of thoughts, how generic should we make this element? Possible properties include (at least):

The usuals: id, code, name, description

designator

list of references to limiting elements (defining the borders of the area in the track network)

geographic coordinates

ocp reference (or vice versa: the ocps can reference to its areas by id)

zip code or other external area codes or area names

Best regards,

Thomas

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