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Subject: Re: [railML2] Adding a new element informationArea to ocp  
Posted by on Fri, 23 Jul 2021 09:01:03 GMT

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Hello all,

Am 01.07.2021 um 23:52 schrieb Thomas Nygreen:

- > 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

I like the idea of a generic <area>. However, I would strictly ensure that this element does not contain any properties that are needed for a specific use case. In my view, an <area> should simply represent an area on the surface of the earth.

Accordingly, an <area> should not contain any references to <controller> and <ocp> and also no <state> element as suggested by Christian Rahmig. This implies that the areas must be referenced from their "owners" (<controller>, <ocp>), in general several <areas> per owner should be possible.

Likewise, I would avoid the attribute "type", as this property can also be derived from the referencing element.

Best regards  
Christian Rößiger

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