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Subject: [railML2] Proposal for new attribute @switchable in <baliseGroup> and wiki refinement

Posted by [Torben Brand](#) on Thu, 25 Feb 2021 09:30:02 GMT

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The Norwegian railways sector proposes to add an attribute @switchable to the element <baliseGroup> to describe that the balise group (or the first included balise) is switchable.

Further we suggest defining clearer in the wiki how individual balises should be modelled in a group:

You can model the balise/baliseGroup relation in three levels of detail:

- Only the baliseGroup: One dummy balise is placed (since baliseGroup cannot exist alone) using attributes @id, @dir and @pos
- baliseGroup with individual functional balises: All balises of baliseGroup are placed with identical locations (describing the location of the very first balise of the baliseGroup) using attributes @id, @name, @dir, @pos
- baliseGroup with individual balises with (real) locations

The enumeration of attribute <baliseGroup>@type shall be extended to cover specific (national) types of balises. (Attention: enumeration is already extendable)

A best practice example (or three ones) shall be added to the railML2 wiki pages of <balise> and <baliseGroup>.

What does the community think?

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