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Subject: Re: meaning of 'up' and 'down' in mileageChange.dir and track.mainDir  
Posted by [christian.rahmig](#) on Mon, 21 Jan 2019 12:15:38 GMT  
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Dear all,

Am 13.04.2012 um 16:39 schrieb Susanne Wunsch:

> [...]

>> In my examples on mileage I wrote that the values 'up' and 'down' of  
>> the attributes 'mileageChange.dir' and 'track.mainDir' relate to  
>> numerical interpretation (raising, falling = "to count up or  
>> down"). Therefore, they differ from the typical usage in British  
>> English where 'up' relates on "direction to London" and 'down'  
>> relates on "direction away from London".

>

> From the next major release on this enumeration values should be renamed  
> to "raising" and "falling". See also Trac ticket #145 [1]

>

>> therefore differ from the usage of the attribute mileageChange.dir,  
>> where 'dir' of course refers to the `_absolute_` mileage direction.

>

> From the next major release on this attribute should be renamed to  
> "absDir". See also Trac ticket #144 [2]

In railML 3.1, mileage changes are modelled using `<anchor>` points of  
`<linearPositioningSystem>`. I added a detailed example in the description  
of Trac ticket #144 [2]. Considering this proposal, an attribute `@dir` or  
`@absDir` is not needed.

> [1] <http://trac.assembla.com/railML/ticket/145>

> [2] <http://trac.assembla.com/railML/ticket/144>

Best regards  
Christian

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