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Subject: Re: meaning of 'up' and 'down' in mileageChange.dir and track.mainDir  
Posted by [Christian Rahmig](#) on Sun, 16 Sep 2012 18:30:54 GMT

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Dear railML users,

>> 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]

after discussion with the other schema coordinators, we decided not to wait until the next major release and started with the implementation within railML 2.2 (see [3]):

The `<mileageChange>` element gets a new optional attribute "absDir", which provides the values 'raising' and 'falling'. It will replace the current attribute "dir" with the next major release and will become required then.

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

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

[3] <https://trac.assembla.com/railML/ticket/159>

Regards

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Christian Rahmig  
railML.infrastructure coordinator

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