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Subject: Re: [railML2] extension suggestion for the element <state> for open time period

Posted by [Torben Brand](#) on Thu, 20 May 2021 10:53:08 GMT

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This depend on the UC for the attribute! Our initial request is for open timeframes for an infrastructures state where you cannot reference an <operatingPeriod> (they need to be closed). Here it would make sense to have both date and time together in one attribute as suggested.

But note when you use @operatingPeriodRef for closed timeframes within an <operatingPeriod> or for cyclical day occurrences with the usage of operatingPeriod<operatingDay> these elements do not contain time attributes and are supplemented with the three attributes introduced in railML2.4: <state> @startTime @endTime and @endDayOffset.

If your suggestion is to keep (not deprecating) these three attributes and add new the two attributes @startDateTime and @endDateTime this is fine for us. Note a very clear semantic constraint should be written when to use @startTime and when to use @startDateTime in the wiki.

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