Subject: Re: Child elements with one value vs. attributes
Posted by   on Wed, 13 Jun 2018 11:08:44 GMT
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Hello Joerg,

this question was discussed in the railML-TT-Telco on 13.06.2018. There
was agreement that variant 2 should be used in the future. Variant 1 has
not yet been used within railML-TT-2.x.
In special cases, modeling with its own sub-element, but with an
attribute, should also be possible:

```
<rail3:overlapReleaseTimer code="ovt01" id="ovt01">
    <rail3:timer duration="PT60S"/>
    <rail3:overlapReleaseCondition condition="startTimerAfterVacating"/>
</rail3:overlapReleaseTimer>
```

This may be the case if existing XSD types are to be used or if this
modeling improves comprehensibility.

Many Greetings
Christian Rößiger

Am 12.04.2018 um 05:39 schrieb Joerg von Lingen:
> Dear all,
>
> in the existing railML schema we have placed the information mainly into attributes. In the
current development of IL
> part it appears that there are several child elements containing only one value but no attribute
at all (variant 1). I
> would suggest to transfer such values into an attribute of the parent element whenever this is
suitable (variant 2).
>
> 1) variant
> <rail3:overlapReleaseTimer code="ovt01" id="ovt01">
>   <rail3:timer>PT60S</rail3:timer>
>   <rail3:overlapReleaseCondition>startTimerAfterVacating</rail3:overlapReleaseCondition >
> </rail3:overlapReleaseTimer>
>
> 2) variant
> <rail3:overlapReleaseTimer code="ovt01" id="ovt01" timer="PT60S"
overlapReleaseCondition="startTimerAfterVacating">
> </rail3:overlapReleaseTimer>
>
> Best Jörg.
> Interlocking coordinator
>

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