
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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