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Subject: Re: railML 3.x: Data Modelling Patterns

Posted by [Joachim.Rubröder](#) on Tue, 27 Nov 2018 15:08:12 GMT

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Dear all,

I generally agree with the design patterns, as long as we really try to respect them within all railML 3.x domains in order to create a common look and feel for railML.

1) "Hierarchy:" Ok, Container/Object/Parts (or Components) would correspond with trains/train/trainParts. Views could be "commercial trains", "operational trains", "ordered slots", ...

2) "Naming": Ok, so there will be lots of boolean attributes like "isThis" or "hasThat"

3) "Boolean information": Option 1, a dedicated "unknown" should be part of an enumeration together with "assumed", "irrelevant", ...

4) "References": Option 1, because the linking might not be as straight forward as intended. A train could belong to several different kind of train categories.

Best regards,  
Joachim

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