

Dear Adam,

- > in relation to terminology, I would like to ask what does
- > the value "mixed" of rail3:tGradientCurveType mean and when
- > to use it. The semantics seems quite unclear to me. Thank
- > you for your feedback.

sorry for answering so late, but I just recovered from 5 weeks of illness, so that I missed your posting.

A <gradientCurve> with @curveType="mixed" can be used to model a gradient curve with an "administrative" gradient value. Imagine the situation that you have a track from A to B and somewhere on this track a maximum slope of 25 per mille has to be climbed by the train, but you don't know exactly, where this gradient appears. In that case, you can model a <gradientCurve> covering the whole track from A to B with @gradient="25". By setting @curveType="mixed" it becomes clear, that the gradient of 25 per mille does not affect the whole track from A to B.

If the community knows further examples where different types of gradients shall be modelled, please share them here with us in the forum so that we can discuss them and integrate them in planned Advanced Example and in the Track Geometry use case.

Thank you very much and best regards  
Christian

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