Subject: Geometry
Posted by Alexander Schmidt on Tue, 10 Apr 2018 12:53:12 GMT

Regarding the geometric elements included in the UML diagram of railML 3.1 we identified a number of attributes/elements that from our perspective (SBB) are pivotal for a complete and correct representation geometric characteristics. These are:

- Length of a curve (in German: Bogenlänge), no matter whether it is a horizontal one or a gradient curve
- Azimuth is needed for representing the angle of a horizontal curve
- Maximum Speed that can be directly derived from the sheer geometric characteristics (of a superelevation curve)
- The "vertical angle" should preferably be named "Gradient" rather than "slope".
Best, Alex.