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Subject: Defintion of is::track type attribute

Posted by [Thomas Langkamm](#) on Fri, 20 Dec 2019 11:53:03 GMT

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Hello all,

another fallout of recent railML discussions regarding tracks is that the type attribute could use a more precise definition for the possible values. This could go into the new wiki, similar to the railML 2 one (<https://wiki2.railml.org/index.php?title=IS:track:wink:>). Here is my proposal.

The definition is slightly altered to "The track usage type defines for which purposes the track is typically used."

"type" may refer to a number of typisations, in the sense of technical properties (gauge, electrification) or logical properties (usage, owner). The railML2 description of trackType refers to a usage (for example "mainTrack" as a track that is used for trains in commercial operation transporting passengers). The new definition reflects this a bit more.

The possible values are documented in the wiki as follows:

"mainTrack":

"A main track is either an open track between operational points or the extension of an open track within an operational point. It typically connects stations and is used for planned train journeys (trains in commercial operation or trains being moved between operational points)."

"secondaryTrack":

"A secondary track is a track used for planned train journeys running in commercial operation or trains being moved between operational points, but it is not an open track between operational points or the extension of an open track. "

Best practices: "A double track between stations may extend to 4 tracks in a station, with 2 tracks being the extensions of the open tracks and 2 additional tracks. The extensions would typically be defined as mainTrack while the additional tracks are defined as secondaryTrack."

"sidingTrack":

"Siding tracks are tracks that are not used for planned train journeys, except at the start and end of a train journey if the train is shunted to or from a parking spot."

"connectingTrack":

"Connecting tracks are tracks that do not fall into any of the above categories. They are typically very short and connect other tracks. Examples are short track sections connecting two tracks where switches allow to move from one track to the other."

Comments?

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