Subject: Re: [railml3] Proposing new @epsgCode for <geometricPositioningSystem>
Posted by Mathias Vanden Auweele on Fri, 27 Feb 2026 23:51:01 GMT
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Hi Milan,

No, I would allow all URI's for CRS in railML. And then it's up to the software vendor to specify which URI CRS's he supports. And he could say that he supports all http://www.opengis.net/def/crs/ URI's for example. Or only WGS84 or UTM32.

I would definitely also allow custom URI's so that railML providers can use their own coordinate system URI and request software vendors to support them by providing them with the required information to do so.

I haven't had any issues with conversions between coordinate systems (for OGC defined ones), but I might not understand what coordinate systems that you are referring to. For my yasgui fork, it happens on the fly from any coordinate system: https://shorter.matdata.eu/w