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Subject: need for new attribute "virtual" of trainDetector

Posted by [Joachim Rubröder railML](#) on Wed, 23 Sep 2015 20:50:36 GMT

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Presently, railML defines traintetection elements that has children trainDetector and trackCircuitborder.

Now, the interlocking model introduces the Virtual Subsection (VSS). The VSS has either physical limits such as track insulators or axle counters or, as the name suggests, a virtual limit.

I plead for the introduction of a boolean attribute "virtual" to the trainDetector element. Suggestion for documentation: "true if this element delimits a Virtual Subsection, false if this is a physically existing train detection device such as an axle counter or a pedal".

If a user defines <trainDetector ... virtual="yes"/>, we're dealing with a virtual section limit.

I can't export the virtual limit to the IL namespace because I need all VSS-limits to be fully defined in the IS namespace. This allows one to do graph-like operations like finding all (virtual) sections along a route.

I would need this in railML 3.

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----- posted via PHP Headliner -----

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