

Dear Fabiana,

1) "border" element of type="rail3:Border" is a separate functionalInfrastructure element

2) a "trainDetectionElement" delimiting a tvdSection can be only of type "axleCounter" or "insulatedRailJoint". You may consider "insulatedRailJoint" also for locations limiting an audio frequency track circuit without having a physical insulation in the rails.

A "trackCircuit" would be already an equivalent to "tvdSection", i.e. not representing a spotLocation.

A "clearancePoint" or "virtualClearancePoint" is not really a mean to detect the presence of a train on the track -

explanation for use is missing.

For "axleCountingCircuit" I have no clue what it stands for, but it seems also not representing a spotLocation.

Regards,

Jörg von Lingen - Interlocking Coordinator

Fabiana Diotallevi wrote on 09.07.2019 09:37:

> Dear Joerg,

> thanks for the quick answer.

> I get your point, but I have another question then: what

> kind of "trainDetectionElement" could a line border be?

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> From the 3.1 railML documentation the possible values are:

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> <xs:enumeration value="axleCounter"/>

> <xs:enumeration value="axleCountingCircuit"/>

> <xs:enumeration value="clearancePoint"/>

> <xs:enumeration value="insulatedRailJoint"/>

> <xs:enumeration value="trackCircuit"/>

> <xs:enumeration value="virtualClearancePoint"/>

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> Any suggestion?

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> Thanks again in advance,

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