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Subject: railML 2.3 infrastructure extension proposal switch / crossing

Posted by [Torben Brand](#) on Tue, 20 Dec 2016 17:31:45 GMT

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Dear railML infrastructure forum,

This posting contains the discussion to an extension towards the switch & crossing

We need to define which controller controls a switch or crossing, and how.

The elements <crossing> and <switch> are extended with the new attribute @NO:levelOfControl with the preset values: "controlled", "supervised" or "unsupervised"

The elements <crossing> and <switch> are extended with the new attributes @controllerRef and @NO:typicalThrowTime [datatype: time in seconds]

The last attribute is needed as we need to define the average time a switch uses from the command is given in the interlocking to turn the switch and its points are indicated locked in the interlocking in the new position.

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