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Subject: [railML3]: Referencing between IS and IL

Posted by [Jörg von Lingen](#) on Tue, 19 May 2020 07:29:42 GMT

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Hi,

in railML3 we use a lot of referencing to other elements in order to enhance the information. In <assetsForInterlocking> we have at the moment only references into <functionalInfrastructure> of IS when there is a physical representation of the element at trackside. All other references are strictly inside IL part. However, there are some physical items which are not in IL but would be needed there without adding additional information, e.g. <bufferStop> would be used as <routeExit>.

Subsequently it is not always that way the references from functional interlocking items like <route> are limited to IL elements. Thus it was suggested to have for each element in <functionalInfrastructure> of IS a counterpart in IL. This would limit the area of possible reference targets.

SAMPLE:

```
bufferStop <-- bufferStopIL
signallS <-- signallL
  routeStart --> signallL
  routeExit --> bufferStopIL
```

Would you appreciate this change or would you strictly avoid such "auxiliary" elements without any additional information?

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Best regards,  
Joerg v. Lingen - Interlocking Coordinator

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