
Subject: [railML2] Enhancing the <lock> element

Posted by [christian.rahmig](#) on Mon, 16 Nov 2020 13:32:40 GMT

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Dear all,

after the very basic implementation of the signaling element <lock> in railML 2.4 (see [1]), it has been suggested to extend it with upcoming version railML 2.5.

In particular, three modifications are proposed in Trac ticket #428 [2]:

- * new attribute @positionAtTrack to describe the location of the lock left or right of the track
- * new attribute @controllerRef to link the lock with the controller from where it is controlled
- * new attribute @keyStorageRef to link the lock with the OCP where the key is stored in case it is not inserted in the lock.

Further, the question about "types of locks" remains: until further generalization of lock types enabling the introduction of an enumeration attribute, it is suggested to use the free text attribute @description for it.

Are there any objections against that railML 2.5 proposal?

[1] https://www.railml.org/forum/index.php?t=msg&th=484&goto=1941&#msg_1941

[2] <https://trac.railml.org/ticket/428>

Best regards
Christian
