
Subject: [railML2] extend <vehicle> with the <designator> element

Posted by [Torben Brand](#) on Fri, 03 Jul 2020 11:52:58 GMT

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Jernbanedirektoratet suggests to extend the elements under <vehicle> with the <designator> element in version 2.5.

The reason is many different code lists exists. These overlap and are not consistent. We need to be able to reference to the register used for the entry value for unique identifying specific vehicles in external registers.

In Europe the European vehicle number (EVN first 8 digits) could uniquely define a type of vehicle.

Examples of registers are:

National registers (<https://sjt.no/jernbane/tillatelser/kjoretoy/nasjonalt-koyretoyregister-snvr/oppbygging-av-evn-for-trekraftkjoretoy-sif-fer-5-8/>)

<https://sjt.no/jernbane/tillatelser/kjoretoy/nasjonalt-koyretoyregister-snvr/access-to-the-nvr-register/>

EVR https://www.era.europa.eu/registers_en#evr

ECVVR https://www.era.europa.eu/registers_en#ecvvr

Organisational registers

The extension might need to take its relation to <classification> into consideration.

Examples of registers here are:

UIC RICS (<https://uic.org/support-activities/it/rics>)

ERA OCR (https://www.era.europa.eu/registers/ocr_en)

ERA TAF/TAP Company code (<https://teleref.era.europa.eu/>)

Vehicle keeper Marking Register (VKM) (https://www.era.europa.eu/registers/vkm_en)

This is already implemented in railML3.
