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Subject: Published railML extension railML2.4nor (IS)  
Posted by [Torben Brand](#) on Thu, 20 Dec 2018 14:41:49 GMT  
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Dear railML community we would like to inform you that the railML extension for the Norwegian railway sector has been published under:  
<https://www.jernbanedirektoratet.no/railml>

You will there find:

- the report defining the Norwegian definition and element extensions with an xml example.
- an Excel table defining all the elements, attributes and values used in railML2.4nor
- The XSD for the extensions

Our "simplest example" can also be found in NorRailView under:

<https://railoscope.com/files/5c0e3000dc7adc0696c960e2/views/topoEditor/0?capability=bRbcASDgBifKJ9rM>

Not all functionality described in railML2.4nor is covered in the example. Thus, we will publish a new documentation version 1.1 in January/February with a complete describing example.

We have already published several extension items in the forum and received valuable insight from several of you. We thank you for this.

Several extensions were developed in the end with experienced users in the community. Unfortunately we did not find time to publish and discuss the items here in the forum. We apologise for this. These items are:

Further attributes in the elements:

- State
- levelCrossing
- nor:route

New elements:

- nor:project
- nor:area
- nor:releaseGroups

Definition extensions:

- Flow of "\*change" elements over track(s)
- Orientation and flow of "length" elements over track(s)

We will publish these items in the forum in January and hope for your approval.

We would greatly appreciate further feedback from the railML community.

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