
Subject: Re: [railML3] Designator for NetElements

Posted by [Karl-Friedemann Jerosch](#) on Wed, 16 Mar 2022 12:04:42 GMT

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Similar to the application of the designator in "functionalInfrastructure" or "assetsForInterlocking", we would like to introduce the <designator> also for the RTM <netElement>.

a) If a railML-file is available as input to a tool chain of independent systems, this could provide a common reference for the tools.

Example:

```
<netElement id="ne_206" length="7889">
  <designator register="_tool_01" entry="STC-T101_T201_T301" description="common edge
name in all tools"/>
  ...
</netElement>
```

b) On the other hand, if railML files from different tools needs to be combined and no input-reference is available, then it is helpful to have an information of the element's name in each tool.

Example:

```
<netElement id="ne_206" length="7889">
  <designator register="_tool_01" entry="STC-T101_T201_T301" description="edge name in
tool_01"/>
  <designator register="_tool_02" entry="STC-P01_Track1_P03" description="edge name in
tool_02"/>
  ...
</netElement>
```