
Subject: Validity times

Posted by [christian.rahmig](#) on Tue, 20 Mar 2018 14:49:27 GMT

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Dear all,

the information that a NetElement is valid (for operation) is currently modelled with the attributes @validFrom and @validTo. A resulting small example looks like this:

```
<netElement ... validFrom="2018-01-01" validTo="2018-12-31"/>
```

This implementation of validity times has two drawbacks:

- * It is not possible to model other infrastructure states, e.g. "under construction"
- * It does not allow to model segmented validity times, e.g. before and after a construction blocking

The second point is really essential. Therefore, I propose to change the RTM modelling in the following way: instead of attributes @validFrom and @validTo, use a repeatable child element <valid> with attributes @from and @to to define the different segments of validity time. The resulting small example may look like this:

```
<netElement ...>  
  <valid from="2018-01-01" to="2018-06-29"/>  
  <valid from="2018-07-02" to="2018-12-31"/>  
</netElement>
```

Any feedback is highly appreciated...

Best regards
Christian

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