
Subject: [railML3]: keyLocksIL and ownsLogicalDevice
Posted by [Dominik Looser](#) on Tue, 20 Oct 2020 11:28:27 GMT
[View Forum Message](#) <> [Reply to Message](#)

Dear all,

in RailML3.1, the interlocking complexType keyLocksIL not only has a child keyLockIL, but also another child ownsLogicalDevice:

```
<xs:element name="ownsLogicalDevice" type="rail3:LogicalDevice" minOccurs="1"
maxOccurs="unbounded"/>
```

We have tried several possibilities on what to fill into this ownsLogicalDevice child, e.g.:

```
<keyLocksIL>
  <keyLockIL id="kloIL8">
    <refersTo ref="klo8"/>
  </keyLockIL>
  <ownsLogicalDevice id="old_temp_id"/>
</keyLocksIL>
```

Since all other attributes and subelements of ownsLogicalDevice are optional, this should be sufficient from our understanding, but the xml-validation always fails with:

269:46 cvc-type.2: The type definition cannot be abstract for element ownsLogicalDevice.

We would be thankful if someone could post a valid example for keyLocksIL.

Thank you and best regards,
Dominik Looser
trafit solutions gmbh
