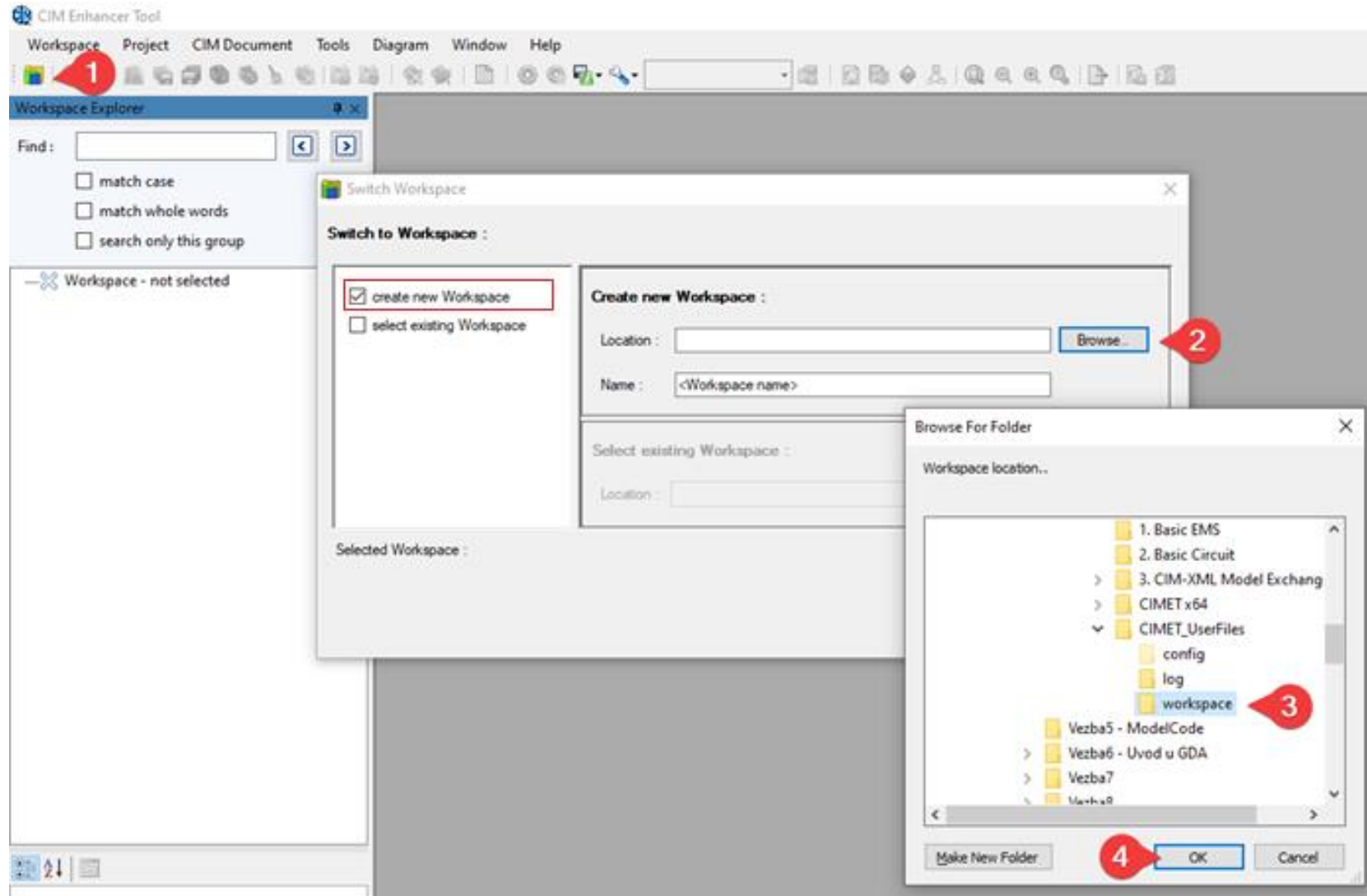


Modeli podataka u pametnim mrežama

CIMET

CIMET – Kreiranje *workspace*-a 1/2



CIMET – Kreiranje *workspace*-a 2/2

Switch Workspace

Switch to Workspace :

☒ create new Workspace

☐ select existing Workspace

Create new Workspace :

Location : C:\Users\ \Desktop\MPPM\Vezbe\Vezba4 - Generator kla: Browse..

Name : test 1

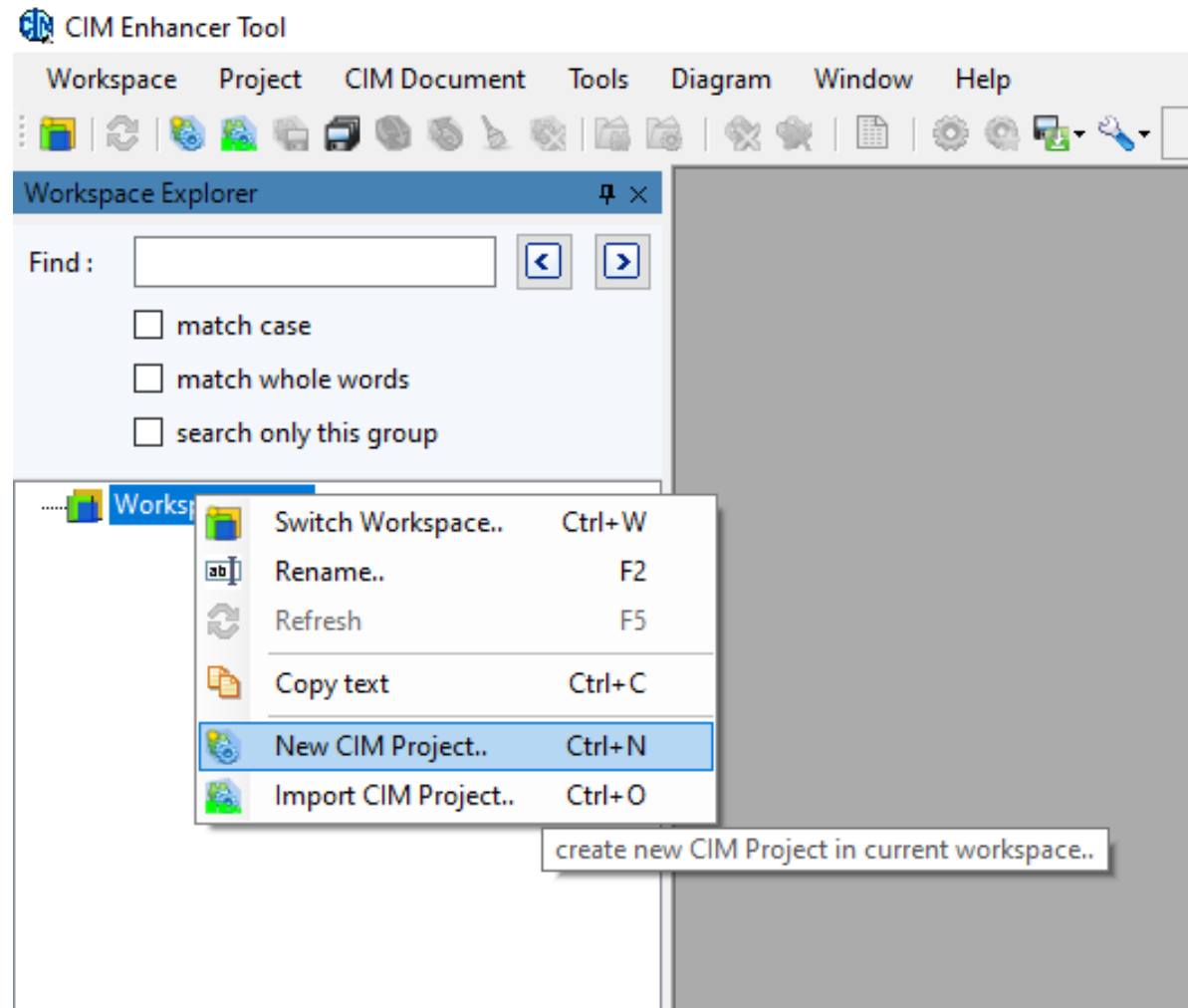
Select existing Workspace :

Location : Open file..

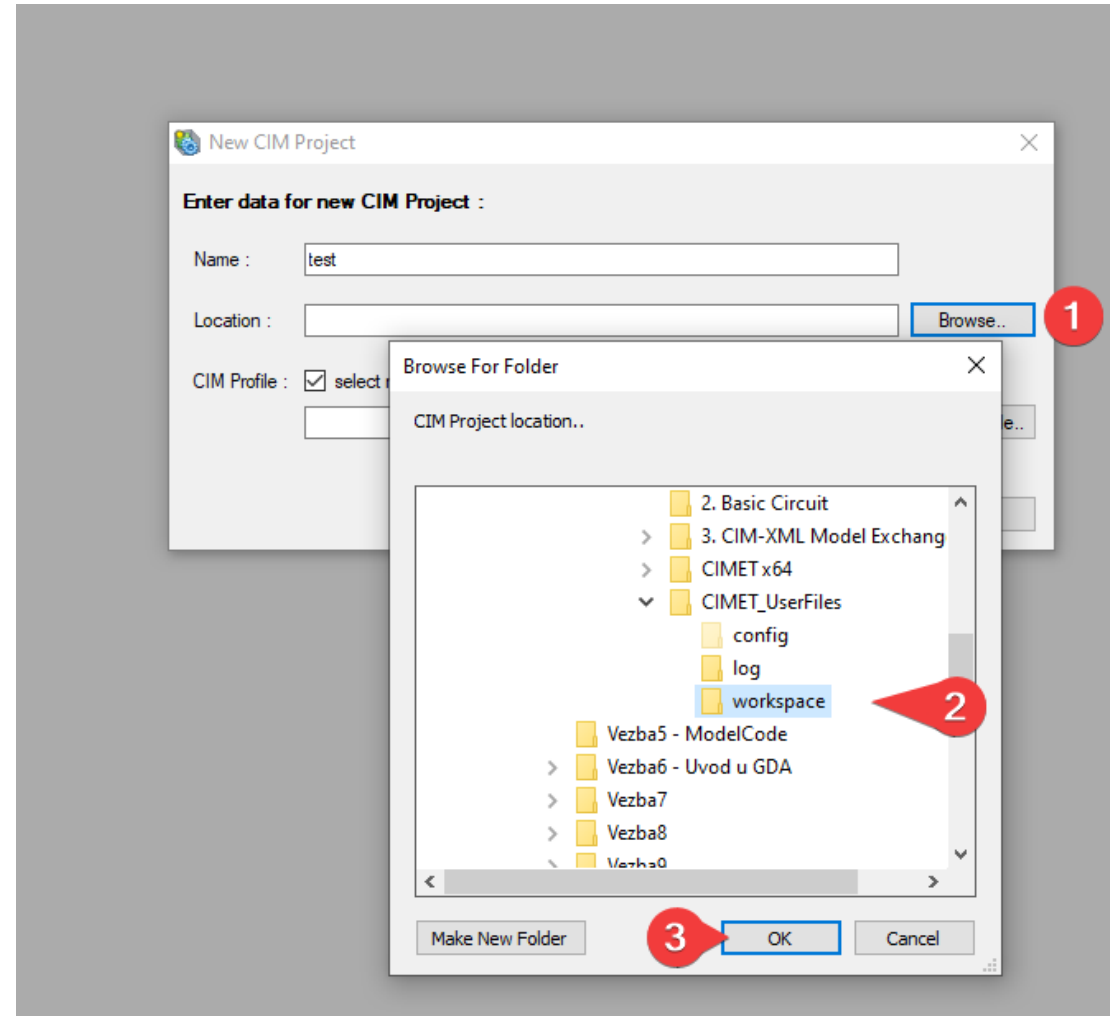
Selected Workspace : C:\Users\ \Desktop\MPPM\Vezbe\Vezba4 - Generator klasa i Model loader\4b Model loader + CIMET\CIMET\CIMET_UserFiles\workspace\test.cimws

2 Switch Cancel

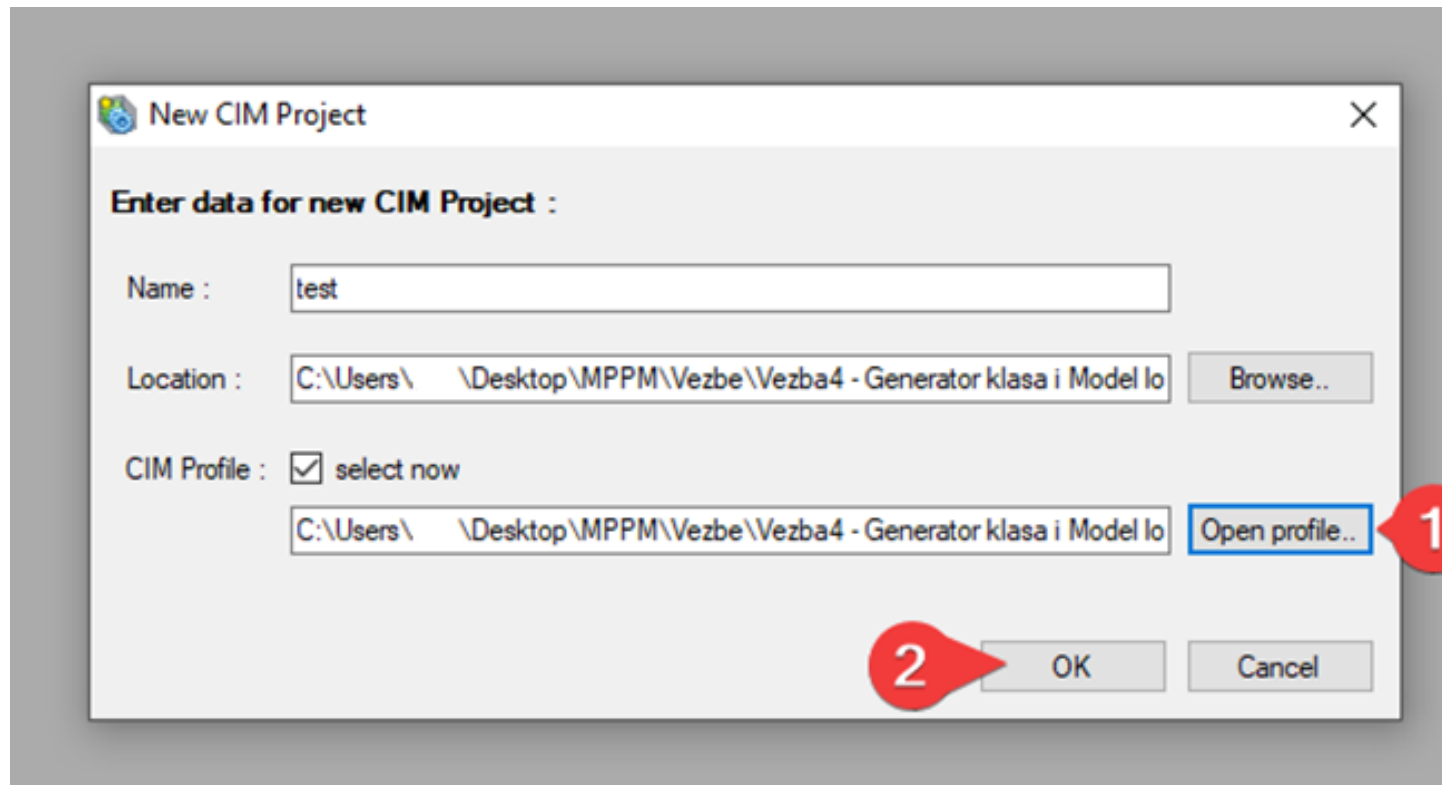
CIMET – Kreiranje projekta 1/3



CIMET – Kreiranje projekta 2/3



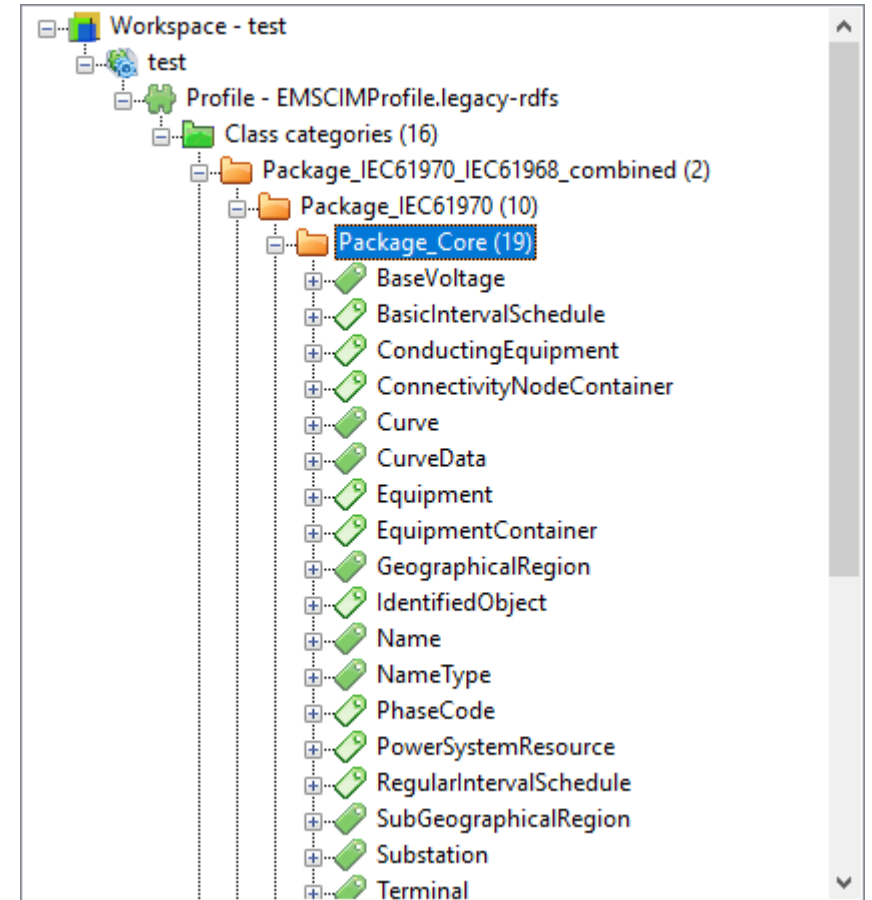
CIMET – Kreiranje projekta 3/3



- CIM profil može biti učitán u više formata:
 - .legacy-rdfs, .xml, .html, .owl

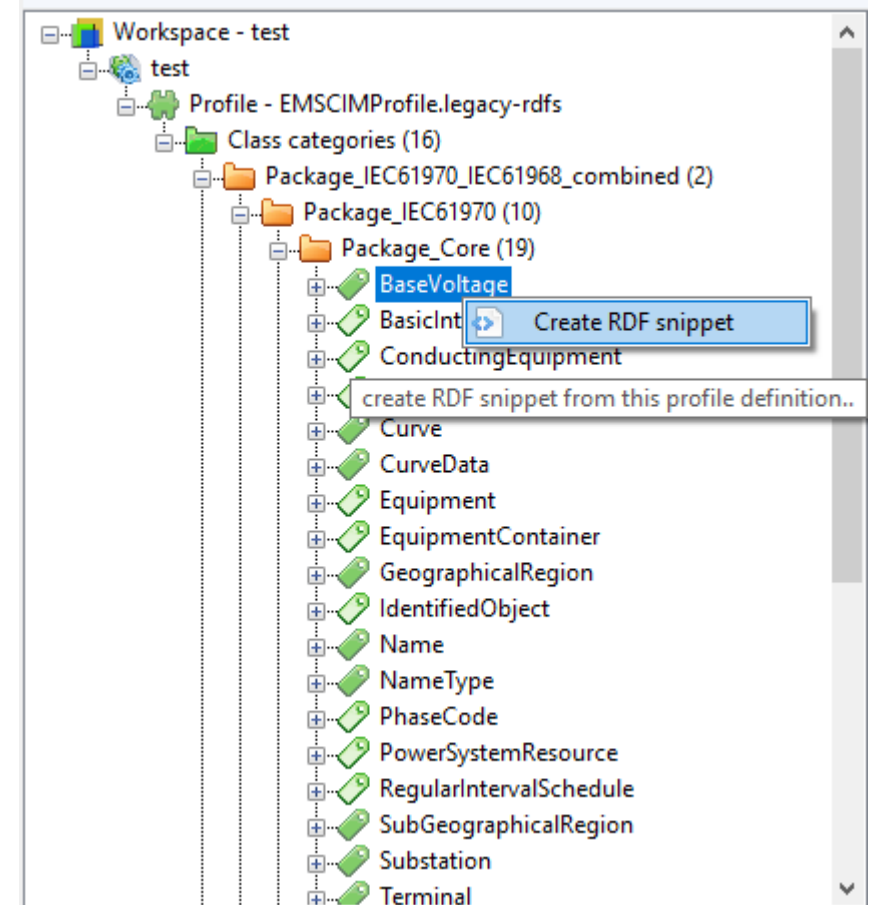
CIMET – Pregled CIM profila

- U učitanoj datoteci nalazi se definicija CIM profila.
- CIM profil daje opis za svaki tip resursa.
- Resursi su organizovani u pakete.
 - *Cores*
 - *Wires*
 - ...



CIMET – RDF snippet 1/2

- Resursi mogu biti:
 - *concrete* (mogu se instancirati)
 - *abstract* (ne mogu se instancirati)
- Konkretni resursi su obojeni jarkom zelenom bojom
- Za njih možemo kreirati RDF *snippet*-e
 - Desni klik -> Create RDF snippet
- Snippet će biti kopiran u *clipboard*



CIMET – RDF snippet 2/2

- RDF *snippet*-e potom *paste*-ujemo u .xml „datoteku sa podacima“

```
data.xml
1  <?xml version="1.0" encoding="UTF-8"?>
2  <rdf:RDF>
3    <cim:BaseVoltage rdf:ID=" ">
4      <cim:BaseVoltage.nominalVoltage> </cim:BaseVoltage.nominalVoltage>
5      <cim:IdentifiedObject.description></cim:IdentifiedObject.description>
6      <cim:IdentifiedObject.mRID></cim:IdentifiedObject.mRID>
7      <tdms:IdentifiedObject.name></tdms:IdentifiedObject.name>
8    </cim:BaseVoltage>
9  </rdf:RDF>
```

- Podatke je potrebno popuniti ručno. Na primer:

```
data.xml
1  <?xml version="1.0" encoding="UTF-8"?>
2  <rdf:RDF>
3    <cim:BaseVoltage rdf:ID="BV1">
4      <cim:BaseVoltage.nominalVoltage>220</cim:BaseVoltage.nominalVoltage>
5      <cim:IdentifiedObject.description>Base Voltage 1 Description</cim:IdentifiedObject.description>
6      <cim:IdentifiedObject.mRID>BV1</cim:IdentifiedObject.mRID>
7      <tdms:IdentifiedObject.name>Base_Voltage</tdms:IdentifiedObject.name>
8    </cim:BaseVoltage>
9  </rdf:RDF>
```