

#### Profile:

- Should it be an attribute of ModelSpecification or a class?
- Can an attribute have a cardinality of 0..\* ?
- Should it have datatype of URI? Do we need to create a CIM Datatype of URI?

From -552

The profile attribute is a URI having the following format for IEC profiles:

- <http://iec.ch/<committee>/<year>/<standard>-<part>/<profile>/<version>|<minor>> where text in *<italic>* is replaced by a describing text, e.g.
- <http://iec.ch/TC57/2011/61970-452/Equipment/2/1>

The profile URI shall be treated as indivisible where the full string conveys the identification of a interpret substrings of the profile URI, e.g. year, standard, part etc.

Other organizations using the CIMXML serialization may have other profile URIs, including prop

cim:InstanceSet-based Example:

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<?iec61970-552 version="3.0" method="DataSet"?>
```

```
<rdf:RDF
```

```
xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
xmlns:cim="http://iec.ch/TC57/2016/CIM-schema-cim"
```

```
xmlns:md="http://iec.ch/TC57/61970-552/ModelDesc"
```

```
xml:base="urn:uuid:">
```

```
<cim:InstanceSet rdf:about="urn:uuid:26cc8d71-9999"
```

```
<cim:DataSet
```

```
summer base topology solution</cim:DataSet.description>
```

```
<cim:DataSet
```

```
rdf:resource="http://iec.ch/TC57/61970-452/Equipment/1"/>
```

```
<cim:DataSet
```

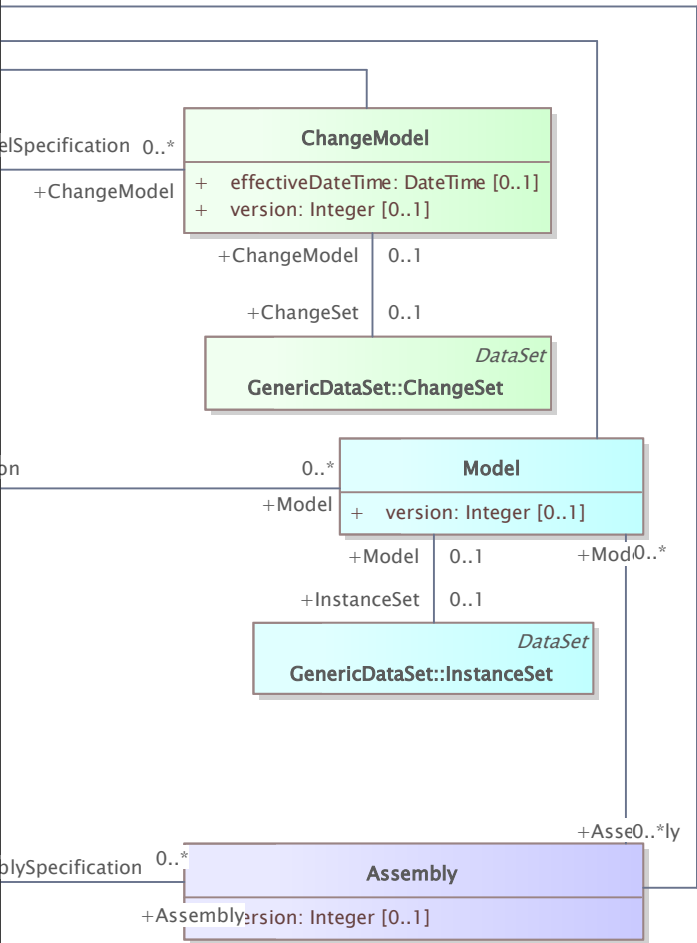
```
rdf:resource="http://iec.ch/TC57/61970-452/EquipmentShortCircuit/1"/>
```

```
<cim:DataSet
```

```
</cim:InstanceSet>
```

```
...
```

```
</rdf:RDF>
```



version>

profile. Hence software is not supposed to parse and  
proprietary profile URIs.

ax-ns#"16#"description/1#"

-4cf8-8c93-8d9d557a4846">  
.description>Santa Claus made a study case peak load

.Profile

.Profile