

**WIPO STANDARD ST.96 XML SCHEMA V2\_1 RELEASE NOTES**

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## WIPO STANDARD ST.96 XML SCHEMA V2\_1 RELEASE NOTES

### GENERAL REMARKS

1. This document describes the modifications made to ST.96 Schema V2\_0 to create V2\_1. The ST.96 XML Schema V2\_1 has been prepared on the basis of comments and proposals regarding V2\_0 posted in the XML4IP Task Force e-forum Wiki at: <https://www3.wipo.int/confluence/display/xml4iptf/IssueID-582> and other pages mentioned under each item below.
2. These modifications ensure that the new version of ST.96 XML Schema, version 2.1, is backward compatible with the previous version 2.0.

### MODIFICATIONS

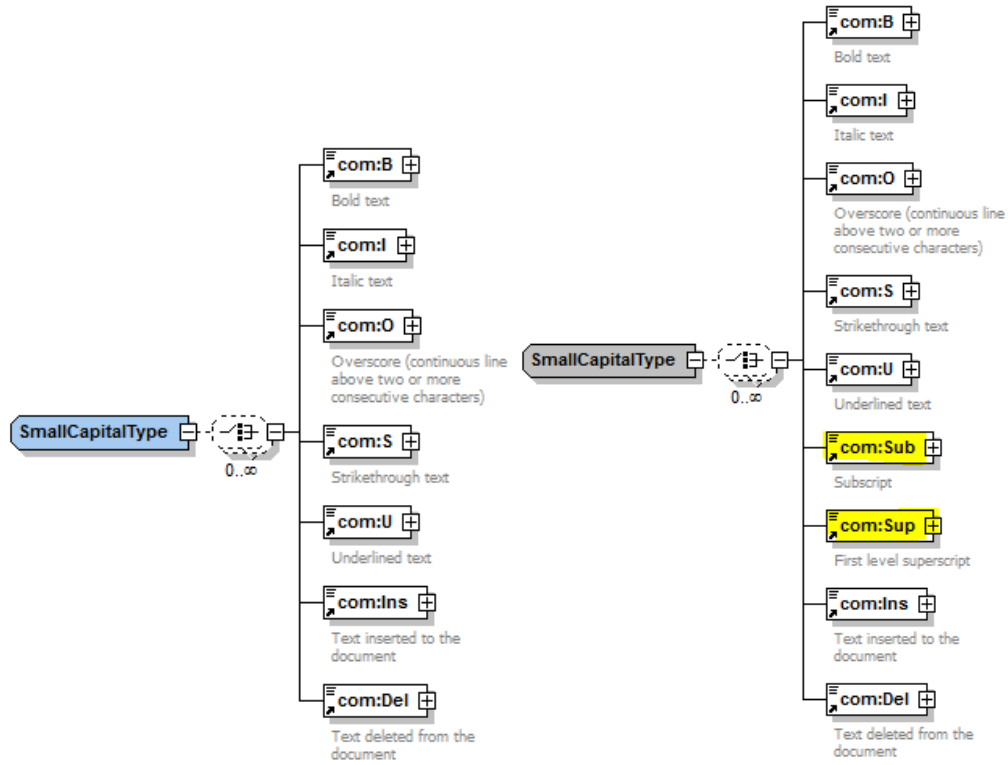
3. The following modifications were made for versioning up:
  - Updated schema version attribute of all components from version="V2\_0" to version="V2\_1".
  - Updated “com:st96Version” fixed value from “V2\_0” to “V2\_1”
  - Updated version number of all document level schema file names from “V2\_0” to “V2\_1”.
  - Updated com:SchemaLastModifiedDate and com:SchemaReleaseNoteURL in document level schemas documentation details to reflect updates made in Version 2\_1.

```
<xsd:appinfo>
  <com:SchemaCreatedDate>2012-07-13</com:SchemaCreatedDate>
  <com:SchemaLastModifiedDate>2015-05-28</com:SchemaLastModifiedDate>
  <com:SchemaContactPoint>xml.standards@wipo.int</com:SchemaContactPoint>
  <com:SchemaReleaseNoteURL>http://www.wipo.int/standards/XMLSchema/ST96/V2_0/ReleaseNotes.pdf</com:SchemaReleaseNoteURL>
</xsd:appinfo>
```

4. Updated existing “com:SmallCapital” (com:SmallCapitalType”) to include two existing components “com:Sub” and “com:Sup”.

```

<xsd:complexType name="SmallCapitalType" mixed="true">
  <xsd:choice minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="com:B" />
    <xsd:element ref="com:I" />
    <xsd:element ref="com:O" />
    <xsd:element ref="com:S" />
    <xsd:element ref="com:U" />
    <xsd:element ref="com:Sub" />
    <xsd:element ref="com:Sup" />
    <xsd:element ref="com:Ins" />
    <xsd:element ref="com:Del" />
  </xsd:choice>
</xsd:complexType>
    
```

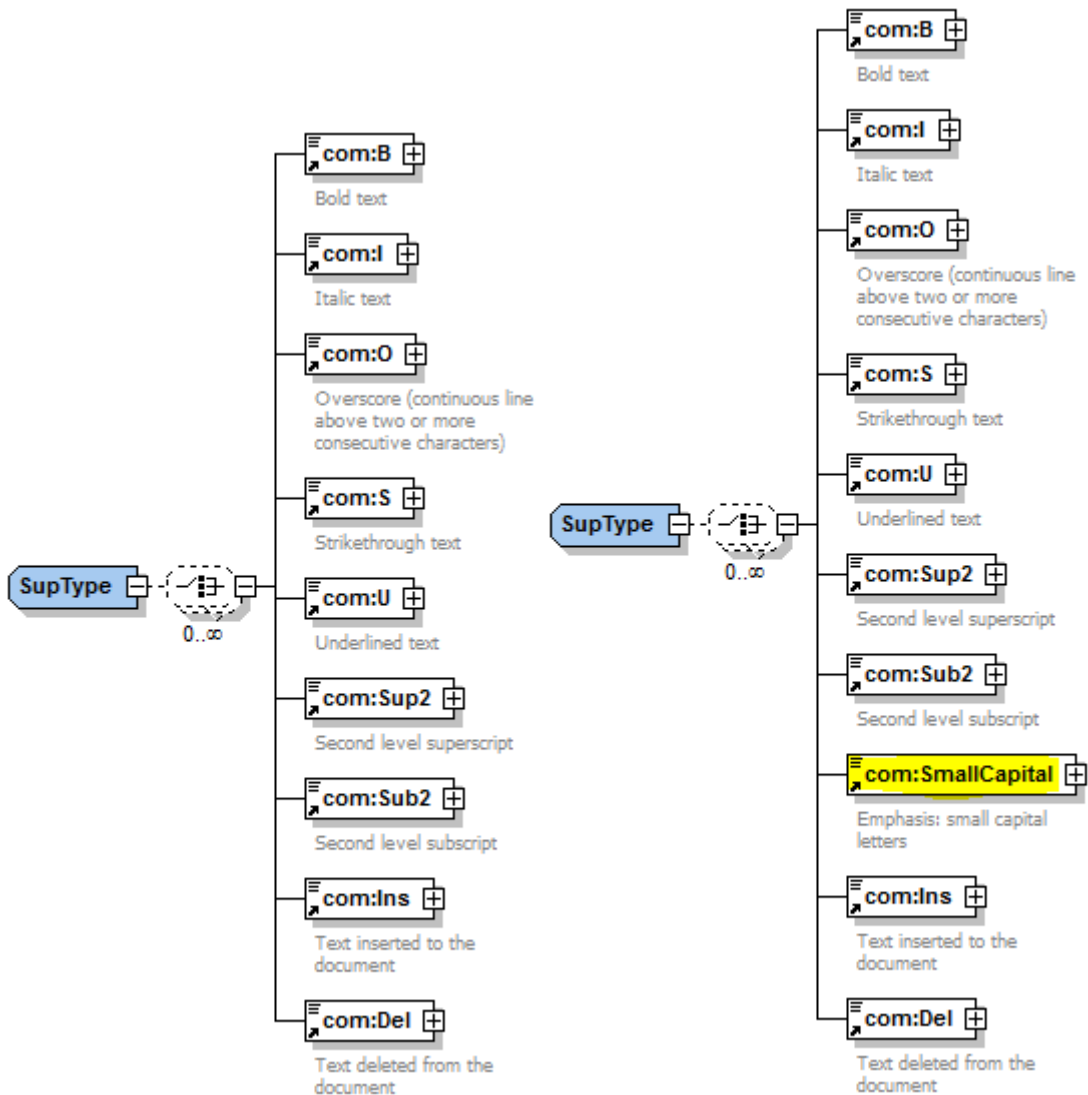


Reference: IssueID-572 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-572>)

5. Updated existing “com:Sup” (“com:SupType”) to include existing component “com:SmallCapital”

```

<xsd:complexType name="SupType" mixed="true">
  <xsd:choice minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="com:B" />
    <xsd:element ref="com:I" />
    <xsd:element ref="com:O" />
    <xsd:element ref="com:S" />
    <xsd:element ref="com:U" />
    <xsd:element ref="com:Sup2" />
    <xsd:element ref="com:Sub2" />
    <xsd:element ref="com:SmallCapital" />
    <xsd:element ref="com:Ins" />
    <xsd:element ref="com:Del" />
  </xsd:choice>
</xsd:complexType>
    
```

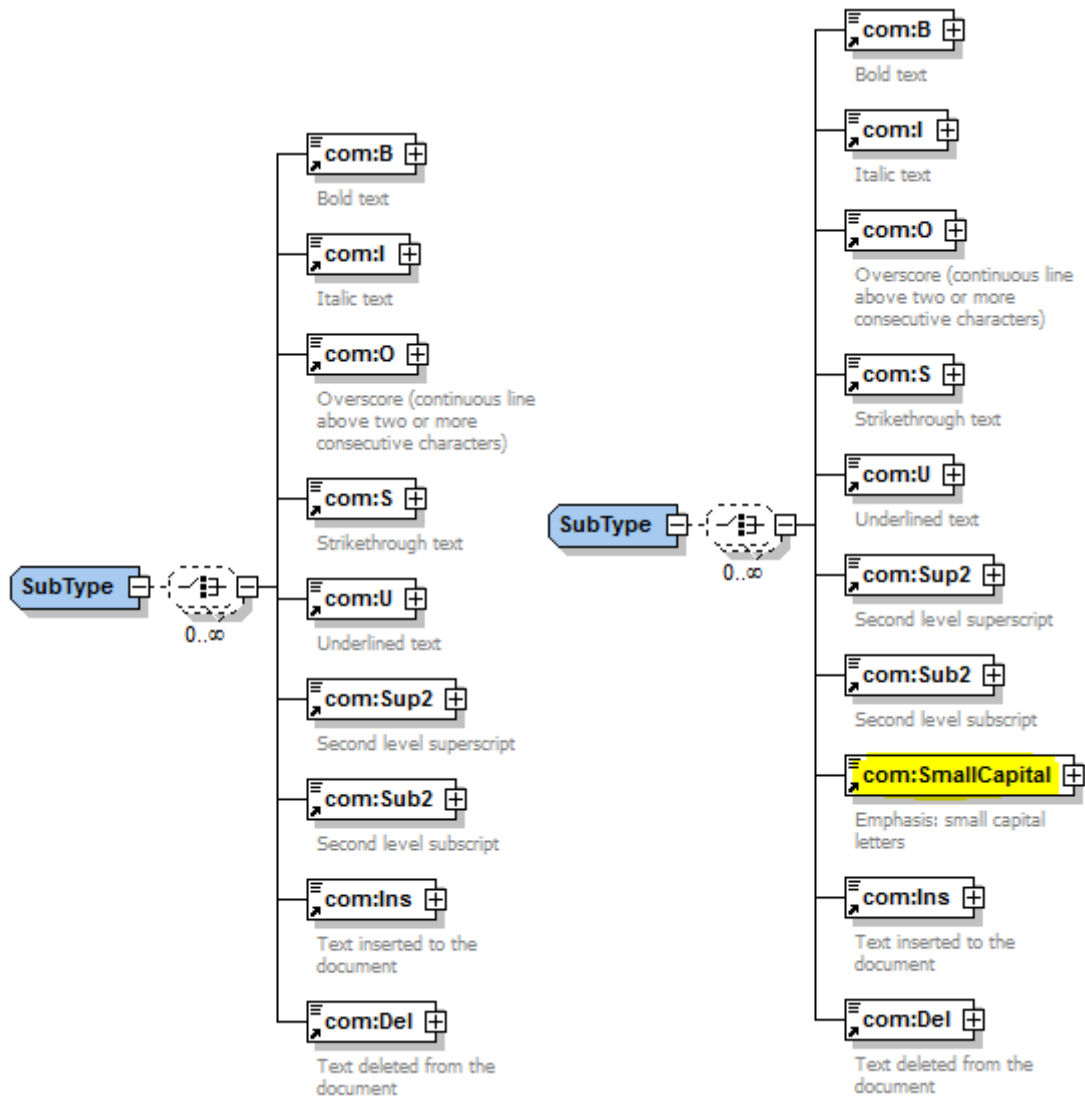


Reference: IssueID-572 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-572>)

6. Updated existing “com:Sub” (“com:SubType”) to include existing component “com:SmallCapital”

```

<xsd:complexType name="SubType" mixed="true">
  <xsd:choice minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="com:B" />
    <xsd:element ref="com:I" />
    <xsd:element ref="com:O" />
    <xsd:element ref="com:S" />
    <xsd:element ref="com:U" />
    <xsd:element ref="com:Sup2" />
    <xsd:element ref="com:Sub2" />
    <xsd:element ref="com:SmallCapital" />
    <xsd:element ref="com:Ins" />
    <xsd:element ref="com:Del" />
  </xsd:choice>
</xsd:complexType>
    
```

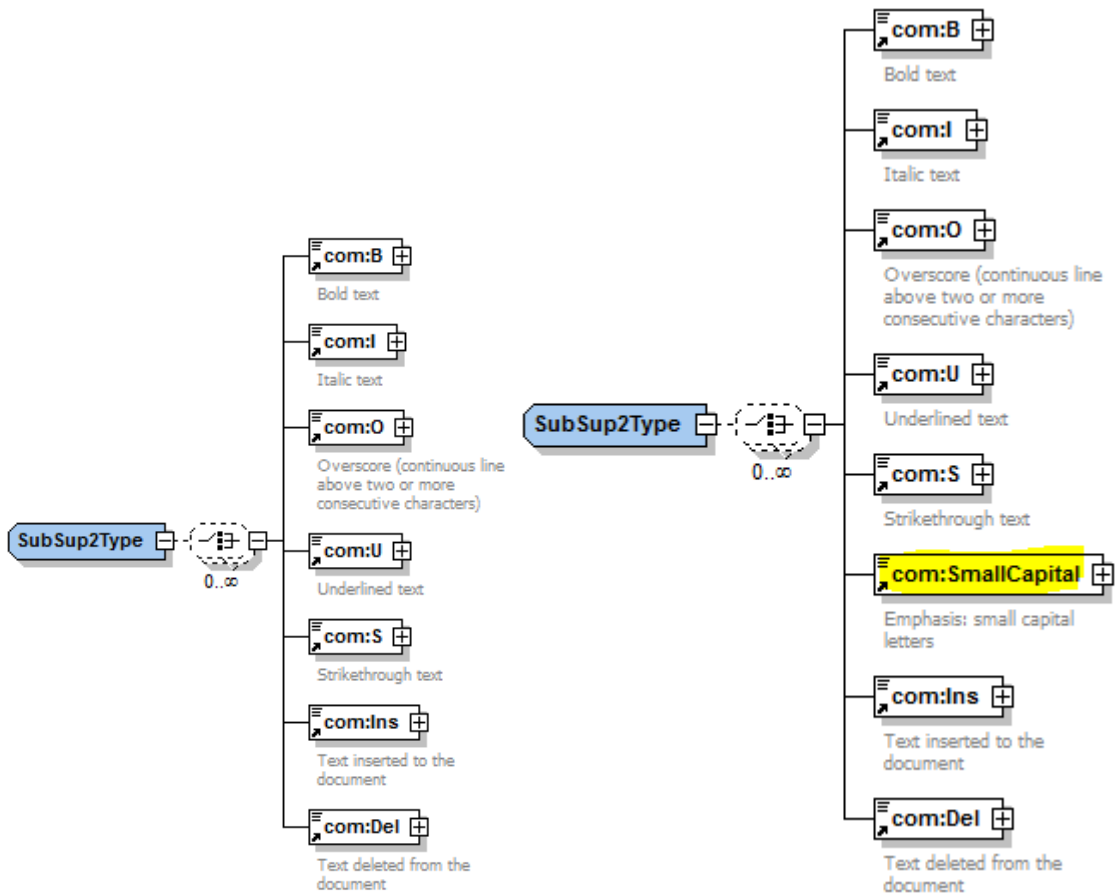


Reference: IssueID-572 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-572>)

7. Updated existing “com:SubSup2Type” to include existing component “com:SmallCapital” which is used “com:Sub2” and “com:Sup2”.

```

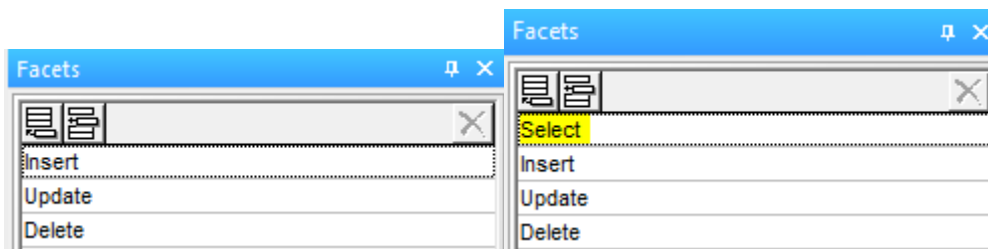
<xsd:complexType name="SubSup2Type" mixed="true">
  <xsd:choice minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="com:B" />
    <xsd:element ref="com:I" />
    <xsd:element ref="com:O" />
    <xsd:element ref="com:U" />
    <xsd:element ref="com:S" />
    <xsd:element ref="com:SmallCapital" />
    <xsd:element ref="com:Ins" />
    <xsd:element ref="com:Del" />
  </xsd:choice>
</xsd:complexType>
    
```



Reference: IssueID-572 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-572>)

8. Updated existing “com:OperationCategoryType” to add new enumeration value “Select”.

```
<xsd:simpleType name="OperationCategoryType">  
  <xsd:restriction base="xsd:token">  
    <xsd:enumeration value="Select">  
      <xsd:annotation>  
        <xsd:documentation>Select</xsd:documentation>  
      </xsd:annotation>  
    </xsd:enumeration>  
    <xsd:enumeration value="Insert">  
      <xsd:annotation>  
        <xsd:documentation>Insert</xsd:documentation>  
      </xsd:annotation>  
    </xsd:enumeration>  
    <xsd:enumeration value="Update">  
      <xsd:annotation>  
        <xsd:documentation>Update</xsd:documentation>  
      </xsd:annotation>  
    </xsd:enumeration>  
    <xsd:enumeration value="Delete">  
      <xsd:annotation>  
        <xsd:documentation>Delete</xsd:documentation>  
      </xsd:annotation>  
    </xsd:enumeration>  
  </xsd:restriction>  
</xsd:simpleType>
```



Reference: IssueID-572 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-572>)

9. Updated descriptions for the following components:
- a. pat:applicantSequenceNumberReference - "The sequence number ordering of successors to the rights of an inventor who is deceased, insane, or legally incapacitated"
  - b. pat:exampleNumber - "Number of the example"
  - c. com:InternationalRegistrationDate - "The date that the IPR is registered by the International Bureau"
  - d. com:InternationalRegistrationPublicationDate - "The date that the IPR is published by the International Bureau"
  - e. com:InternationalRegistrationNumber - "The number assigned by the International Bureau to an international registration upon registering an industrial design, a trademark or other type of IPR in the International Register"
  - f. com:InternationalFilingDate - "The date assigned by the International Bureau that identifies when an international application meets certain criteria under the appropriate legislation for a filing date; for example, Hague Agreement (industrial designs), Patent Cooperation Treaty (patents) or Madrid Protocol (trademarks)"
  - g. com:ReceivingOfficeDate - "Date received at the Receiving Office, the Office of Origin or the Office of Indirect Filing"
  - h. tmk:GoodsServicesLimitationCategory - "Indication whether the trademark protection is limited to or removed from the provided list of goods and services. The 'List limited to' value is the preferred option in order to facilitate automation of data processing"
  - i. Updated enumeration value descriptions for tmk:GoodsServicesLimitationCategoryType
    - List limited to - "This is the preferred option. When a class is unchanged it should be included in its entirety. Any class not included is considered to be deleted"
    - Remove from list - "This is not preferred as it complicates automation processing. It should contain the goods and services which have been deleted from the original list"
  - j. com:sourceSystemName - "The name of the content or document management system that contains the source file or document"

Reference: IssueID-572 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-572>)



10. Removed description from the following components:

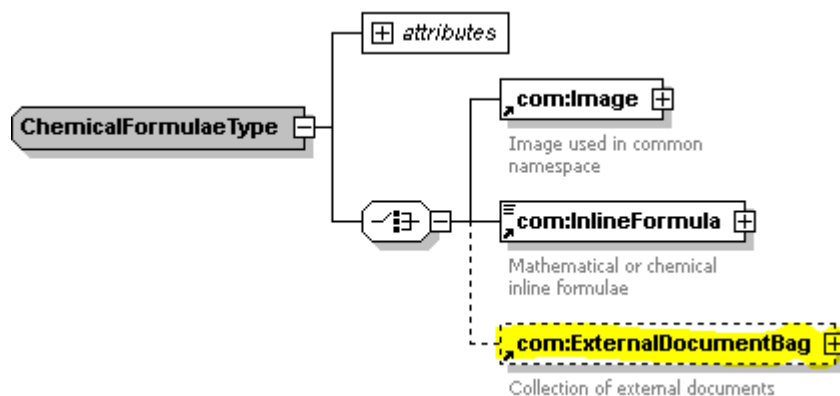
- Removed documentation from “tmk:GoodsServicesClassificationType” since the documentation is not included in data type.
- Removed documentation from “tmk:NationalGoodsServicesType” since the documentation is not included in data type.
- Removed documentation from “com: EmbodimentExampleType” since the documentation is not included in data type.

Reference: IssueID-572 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-572>)

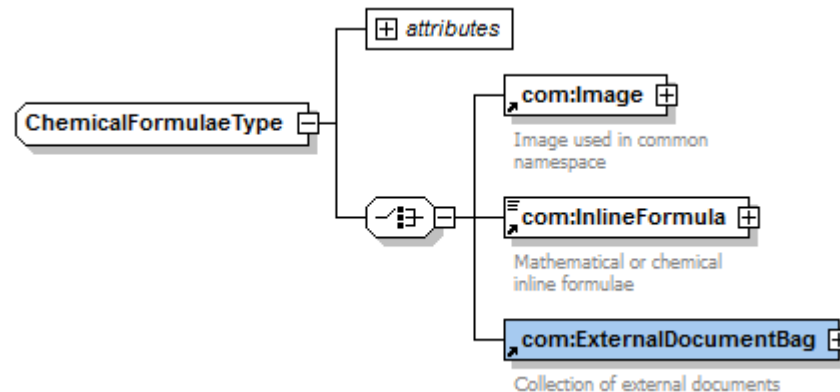
11. Removed unnecessary minOccurs in “com:ExternalDocumentBag” since it is part of xsd:choice in “com:ChemicalFormulaeType”

```
<xsd:complexType name="ChemicalFormulaeType">
  <xsd:choice>
    <xsd:element ref="com:Image" />
    <xsd:element ref="com:InlineFormula" />
    <xsd:element ref="com:ExternalDocumentBag" minOccurs="0" />
  </xsd:choice>
  <xsd:attribute ref="com:id" />
  <xsd:attribute ref="com:chemicalFormulaeNumber" />
</xsd:complexType>
```

V2\_0:



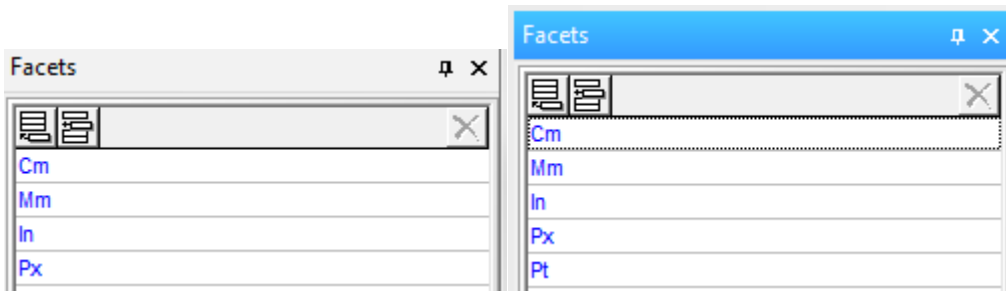
V2\_1:



Reference: IssueID-572 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-572>)

12. Added new enumeration value "Pt" (Description: Points) to existing "com:MeasureUnitCodeType"

```
<xsd:simpleType name="MeasureUnitCodeType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="Cm">
      <xsd:annotation>
        <xsd:documentation>Centimeter</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="Mm">
      <xsd:annotation>
        <xsd:documentation>Millimeter</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="In">
      <xsd:annotation>
        <xsd:documentation>Inch</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="Px">
      <xsd:annotation>
        <xsd:documentation>Pixel</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="Pt">
      <xsd:annotation>
        <xsd:documentation>Point</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
  </xsd:restriction>
</xsd:simpleType>
```

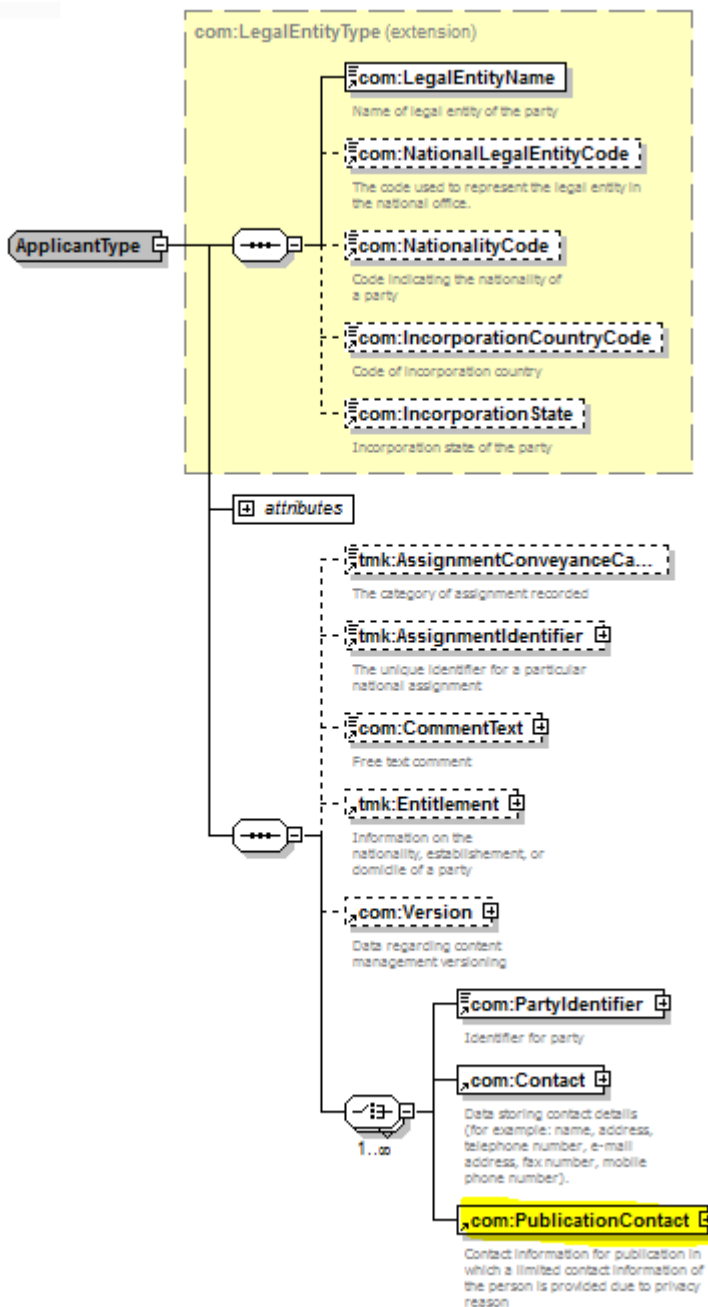


Reference: IssueID-572 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-572>)

13. Updated the following existing Trademark components to add existing component “com:PublicationContact”.

- a. tmk:ApplicantType
- b. tmk:AssignorType
- c. tmk:AssigneeType
- d. tmk:PlaintiffType
- e. tmk:DefendantType

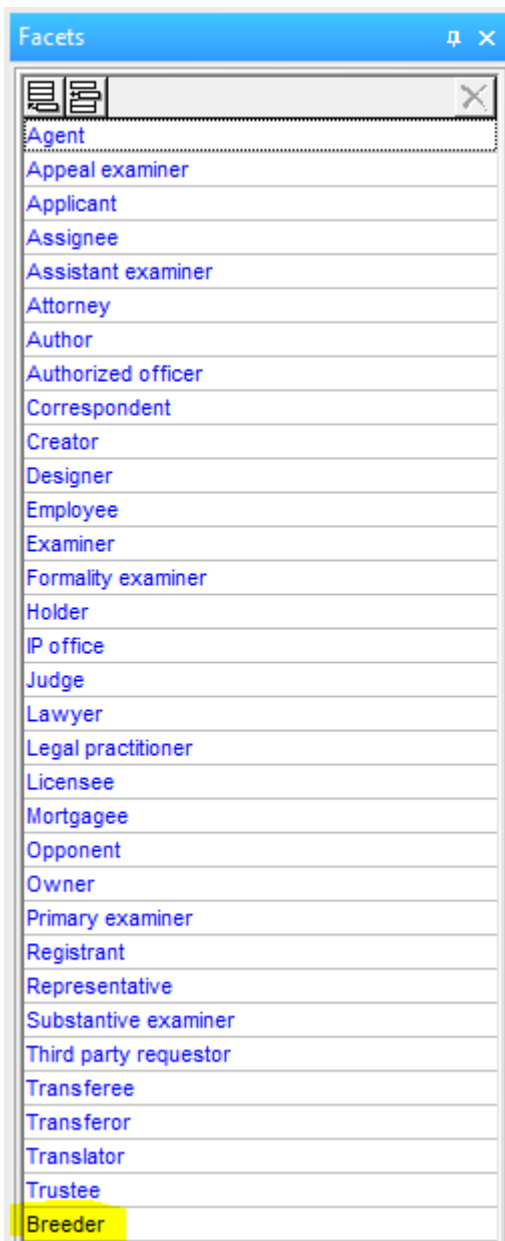
The tmk:ApplicantType content model is shown below as an example.



Reference: IssueID-569 (<https://www3.wipo.int/confluence/display/xml4jptf/IssueID-569>)

12. Added new enumeration value, "Breeder" to existing component  
"com:RoleCategoryType"

```
<xsd:simpleType name="RoleCategoryType">  
  <xsd:restriction base="xsd:token">  
.....  
    <xsd:enumeration value="Breeder">  
      <xsd:annotation>  
        <xsd:documentation>Breeder</xsd:documentation>  
      </xsd:annotation>  
    </xsd:enumeration>  
  </xsd:restriction>  
</xsd:simpleType>
```



Reference: IssueID- 573 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-573>)