Date: 28.04.2023

Changelog IDM Living Version 4.0.1 from IDMP 3.1.0

This changelog describes all innovations, enhancements and corrections that are made available with the current version **IDML 4.0.1** (compared to version IDMP 3.1.0) both in the XML schema and in the documentation.

Version IDML 4.0.1 is published on 2023-05-01 and becomes valid from 2023-10-01.

Content:

A = Added = Adding new elements or attributes
C = Changed = Changes to existing elements, attributes or descriptive texts.
R = Removed = Deletion of elements or attributes
F = Fixed = Error corrections to existing elements, attributes or descriptive texts.

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	13.5.	Information keys are added in the introduction	2022-01-27	A	71
	13.6.	Rename the detailed information 5 and 8	2022-01-27	C	73
	13.7.	Addition of the recommended image formats in the INFO_TYPE element	2022-04-27	C	74
	13.8.	Rename SERIE_NO to SERIE_ID in ITEM	2022-09-06	C	75
	13.9.	Changed description under EDP_NUMBER	2022-090-6	C	75
	13.10.	Changed description under BASIC_SHAPE_PARAMETERS	2022-01-27	C	76
	13.11.	Changed description under COLOR_CONSULTANCIES and the following elements	2022-01-27	C	77
	13.12.	Changed description under SEQUENCE_NO below PART_LIST_POS	2022-04-27	C	78
	13.13.	Changed description under OPTION_TEXT	2023-02-09	C	78
	13.14.	Changed description under OPTION_GROUPS and OPTION_GROUP	2022-01-27	C	79
	13.15.	Changed description under PRICE_FEATURE_GROUP	2022-01-27	C	80
	13.16.	Case insensitivity for _KEY, _ID and _NO elements	2023-02-09	C	81
	13.17.	Change the Magnet Planner docu to Media docu with addition of recommended image formats and sizes.	2022-09-06	C	84
	13.18.	Modification of the magnet planner docu under 2.11. Setting vectors	2022-01-27	C	86

Content:

Decision of: Type Page
(date)

Unreleased*	**1. Uniform terminology**				
	1.1.	FEATURE instead of variant type or version types	2023-02-09	C	
	1.2.	OPTION instead of variant or version	2023-02-09	C	
	1.3.	Writing in capital letters when talking about structural elements of the XSD in descriptions	2023-02-09	C	
	2. Information key for upholstery and home furniture				
	2.1.	New list of information keys	2022-01-27	C	
	3. ECLASS mapping to IDM in separate document				
	3.1.	Mapping of the type codes with the ECLASS classes	2022-01-27	A	

*Indication of any changes envisaged or partially decided for future versions.

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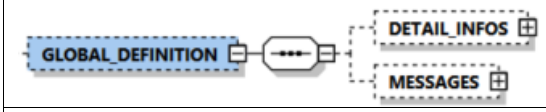
Released

Display of all changes recorded for version 4.0.1

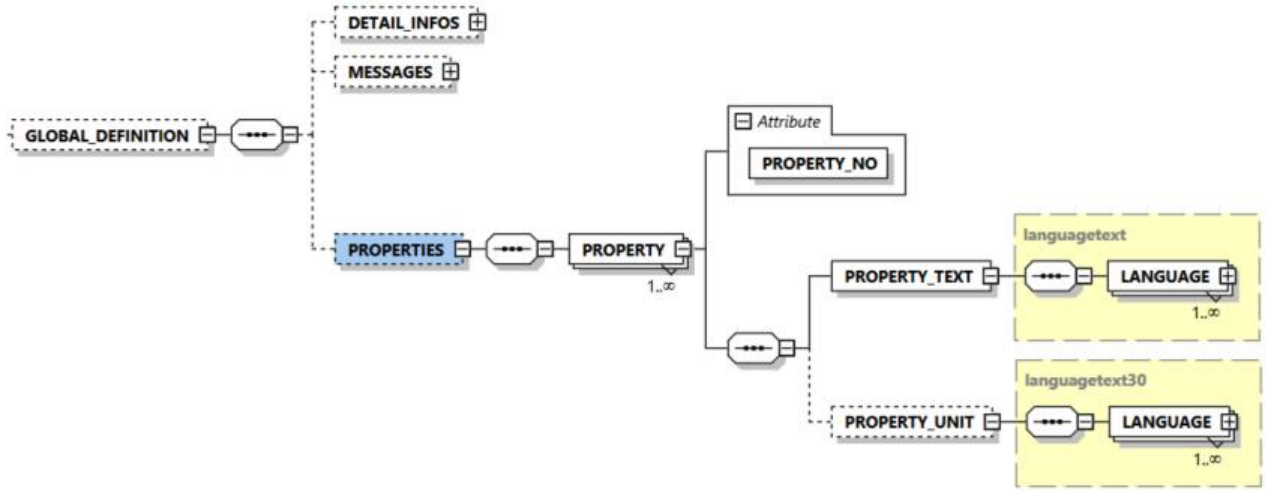
1. Aligning the IDMP and IDMW formats

1.1.	A	New element POPERTIES with sub-elements under GLOBAL_DEFINITION	Decision : 2022-01-27

3.1.0



4.0.1



The entire PROPERTIES node is taken from the IDMW and added under GLOBAL_DEFINITION.

PROPERTIES:

The PROPERTIES element is a complexType and optional.

Description in the documentation:

This element is used to include additional information and properties such as energy labels, efficiency classes and similar data. Only those properties are defined that are necessary for the correct representation of the catalogue.

The keys can be found in the corresponding table (information key).

PROPERTY:

The element PROPERTY is a complexType and can be created as often as desired.

Description in the documentation:

A property is defined in this element.

The keys, the text and the unit of measurement can be found in the corresponding table (information key).

PROPERTY_NO:

The attribute PROPERTY_NO is of type nonNegativeInteger, can contain numbers from 0-1999 and is mandatory.

Description in the documentation:

This attribute identifies the property.

Their number can be found in the table of information keys.

PROPERTY_TEXT:

The element PROPERTY_TEXT is of the type languagetext, i.e. it may contain text of any length and must be specified.

Description in the documentation:

This element contains texts for properties/characteristics.

PROPERTY_UNIT:

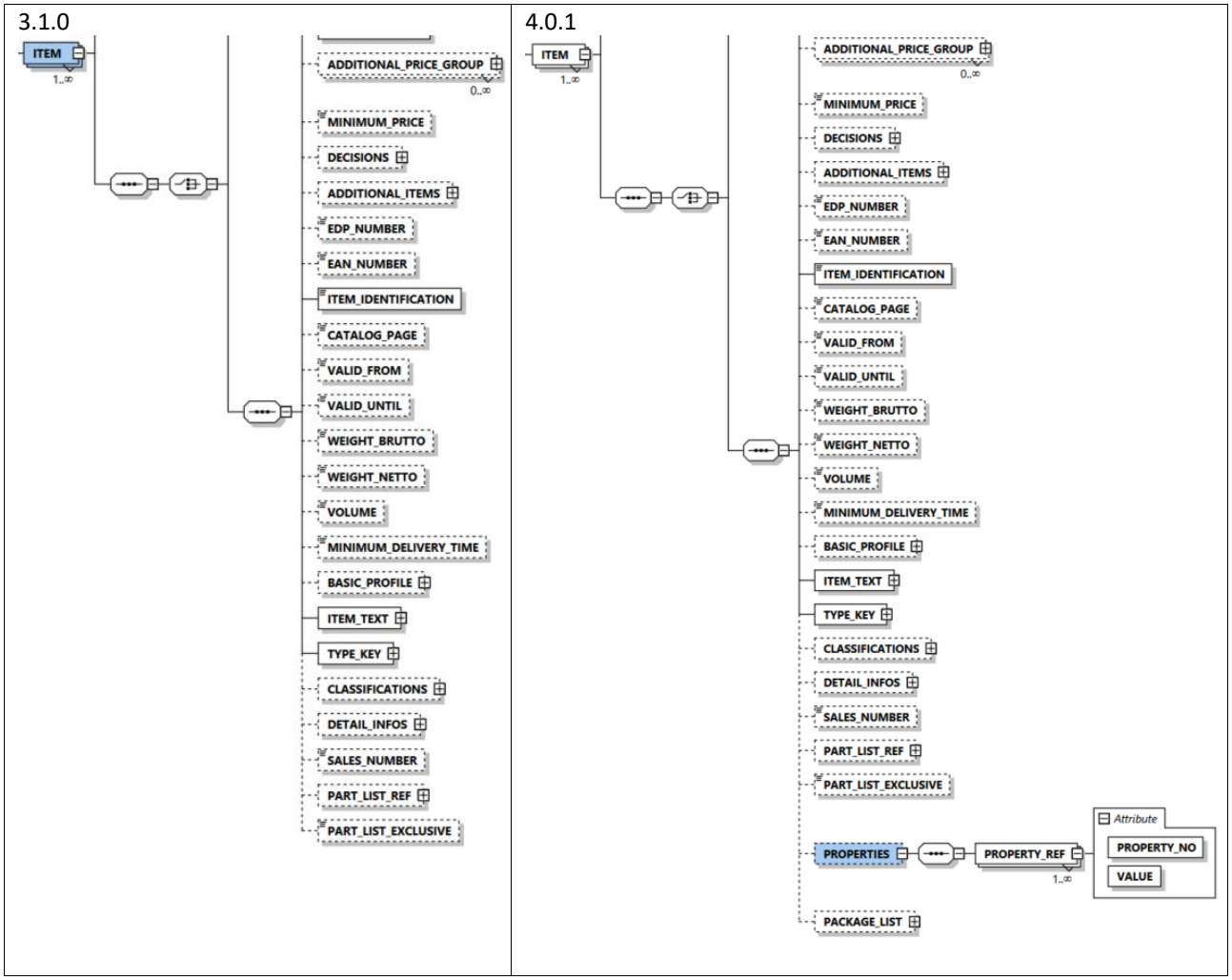
The element PROPERTY_UNIT is of the type languagetext30, i.e. it may contain 30-character texts and is optional.

Description in the documentation:

In this element, the unit of measurement can be stored in accordance with the property/characteristic.

```
<xs:element name="PROPERTIES" minOccurs="0" maxOccurs="1">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="PROPERTY" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="PROPERTY_TEXT" type="languagetext" minOccurs="1" maxOccurs="1">
                            <xs:annotation>...</xs:annotation>
                        </xs:element>
                        <xs:element name="PROPERTY_UNIT" type="languagetext30" minOccurs="0" maxOccurs="1">
                            <xs:annotation>...</xs:annotation>
                        </xs:element>
                    </xs:sequence>
                    <xs:attribute name="PROPERTY_NO" use="required">
                        <xs:annotation>...</xs:annotation>
                        <xs:simpleType>
                            <xs:restriction base="xs:nonNegativeInteger">
                                <xs:minInclusive value="0"/>
                                <xs:maxInclusive value="1999"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

1.2. A New element POPERTIES with sub-elements under ITEM Decision : 2022-01-27



The entire PROPERTIES node is taken over from the IDMW and added under ITEM.

PROPERTIES:

The PROPERTIES element is a complexType and optional.

Description in the documentation:

Article-specific properties/characteristics are summarised in this element.

PROPERTY_REF:

The element PROPERTY_REF is a complexType and can be created as often as desired.

Description in the documentation:

This element references a property defined under GLOBAL_DEFINITION/PROPERTIES.

PROPERTY_NO:

The attribute PROPERTY_NO in the 1st position is of the type nonNegativeInteger, can contain numbers from 0-1999 and is mandatory.

Description in the documentation:

This attribute is used to reference a property.

VALUE:

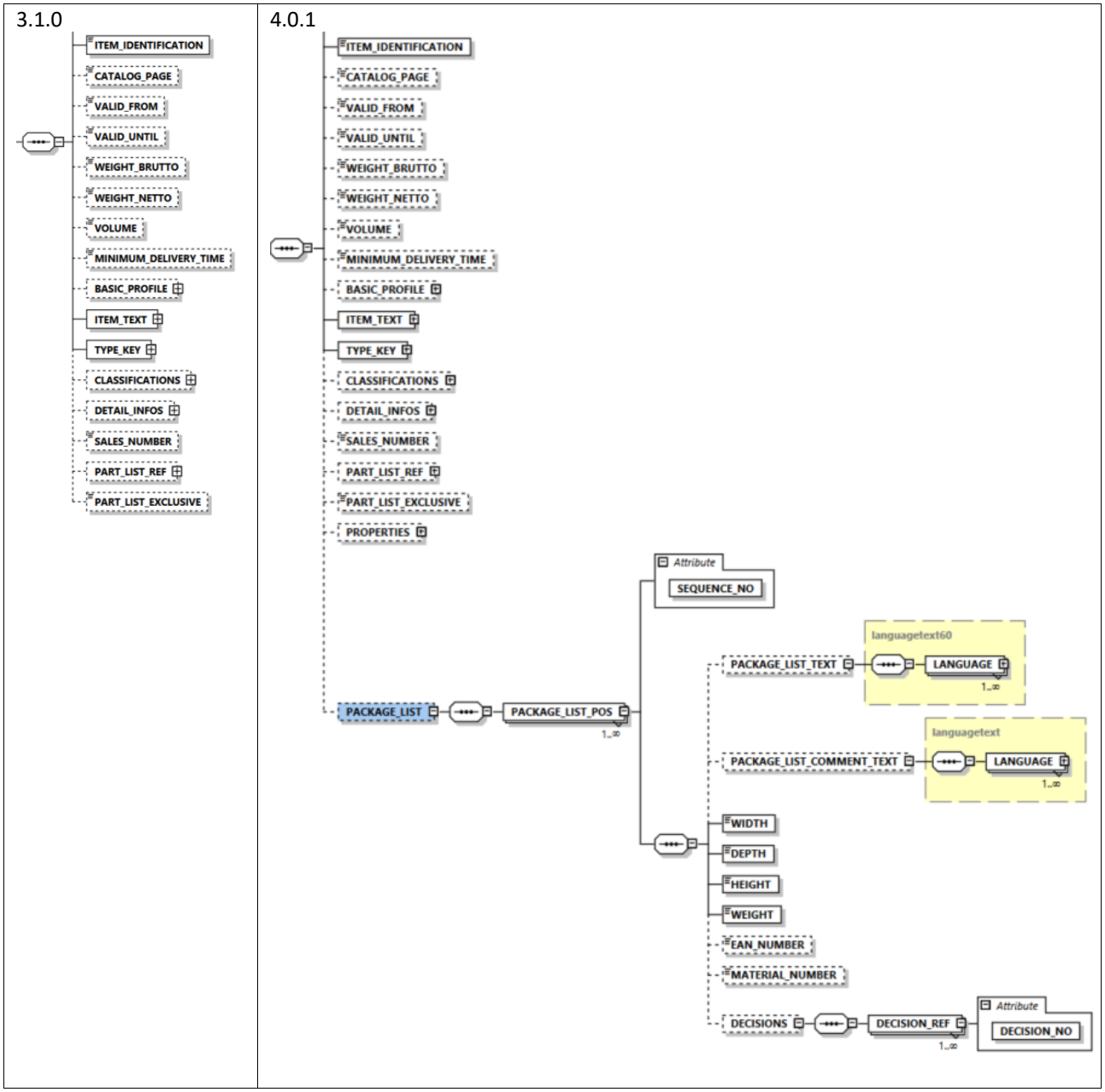
The element VALUE in the 2nd position is of the type string and must be specified.

Description in the documentation:

This attribute is used to specify the value for the property.

```
<xs:element name="PROPERTIES" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="PROPERTY_REF" minOccurs="1" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:attribute name="PROPERTY_NO" use="required">
                        <xs:annotation>...</xs:annotation>
                        <xs:simpleType>
                            <xs:restriction base="xs:nonNegativeInteger">
                                <xs:minInclusive value="0"/>
                                <xs:maxInclusive value="1999"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
                    <xs:attribute name="VALUE" use="required">
                        <xs:annotation>...</xs:annotation>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:pattern value="([3-9]?[A-Z]+\+*)|([0-9]+(\.[0-9]+)?)"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

1.3. A New element PACKAGE_LIST with sub-elements under ITEM Decision : 2022-01-27



The entire PACKAGE_LIST node is taken from the IDMW and added under ITEM.

PACKAGE_LIST:

The element PACKAGE_LIST is a complexType and optional.

Description in the documentation:

This element is used to specify the packages per item. No package optimisation based on purchase transactions is possible.

Width, depth, height must be indicated in whole numbers in mm per package. The weight must be indicated in decimal form in kg.

The packages can be rule-based, i.e. dependent on variants, e.g. if drawers or mirrors are added as a variant, this also means a new package. The expression of a variant for a new package should only be used for simple cases. This means that each element of the list of packages can also reference rules.

PACKAGE_LIST_POS:

The element PACKAGE_LIST_POS below PACKAGE_LIST is a complexType and can be created as often as desired.

Description in the documentation:

The properties of a package in the list are recorded here.

SEQUENCE_NO:

The attribute SEQUENCE_NO below PACKAGE_LIST_POS shall be of type positiveInteger and mandatory.

Description in the documentation:

This element is used for unique numbering within the list .

PACKAGE_LIST_TEXT:

The element PACKAGE_LIST_TEXT in 1st place below PACKAGE_LIST_POS is of type languagetext60, i.e. may contain 60-character texts and is optional.

Description in the documentation:

This element contains the name of the packing list.

PACKAGE_LIST_COMMENT_TEXT:

The element PACKAGE_LIST_COMMENT_TEXT at the 2nd position below PACKAGE_LIST_POS is of type languagetext, i.e. it may contain text of any length and is optional.

Description in the documentation:

This is the description of the packing list.

WIDTH:

The element WIDTH at the 3rd position below PACKAGE_LIST_POS is of type nonNegativeInteger and is mandatory.

Description in the documentation:

This element is used to specify the width.

DEPTH:

The element WIDTH at the 4th position below PACKAGE_LIST_POS is of type nonNegativeInteger and is mandatory.

Description in the documentation:

This element is used to specify the depth.

HEIGHT:

The element WIDTH at the 5th position below PACKAGE_LIST_POS is of type nonNegativeInteger and is mandatory.

Description in the documentation:

This element is used to specify the height.

WEIGHT:

The element WIDTH at the 6th position below PACKAGE_LIST_POS is of type decimal and must be specified.

Description in the documentation:

This element is used to indicate the weight.

EAN_NUMBER:

The element EAN_NUMBER at the 7th position below PACKAGE_LIST_POS is of type string, has a maximum of 15 digits and is optional.

Description in the documentation:

This element is used to specify the EAN number.

MATERIAL_NUMBER:

The MATERIAL_NUMBER element at the 8th position below PACKAGE_LIST_POS is of type string, has a maximum of 15 digits and is optional.

Description in the documentation:

This element is used to specify the material number.

DECISIONS:

The element DECISIONS IN 9: position below PACKAGE_LIST_POS is a complexType and optional.

Description in the documentation:

The packages can be rule-based, i.e. dependent on features, e.g. if drawers or mirrors are added as a option, this also means a new package. The expression of a feature for a new package should only be used for simple cases. This means that each element of the list of packages can also reference rules.

This element is used to reference rules.

DECISION_REF:

The element DECISION is a complexType below DECISIONS and can be created as often as desired.

Description in the documentation:

This element references a rule assigned to the packing list.

DECISION_NO:

The attribute DECISION_NO below DECISION_REF shall be of type positiveInteger and mandatory.

Description in the documentation:

This attribute is used to reference a rule.

```
<xs:element name="PACKAGE_LIST" minOccurs="0" maxOccurs="1">
  <xs:annotation>...</xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PACKAGE_LIST_POS" maxOccurs="unbounded">
        <xs:annotation>...</xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="PACKAGE_LIST_TEXT" type="languagetext60" minOccurs="0">
              <xs:annotation>...</xs:annotation>
            </xs:element>
            <xs:element name="PACKAGE_LIST_COMMENT_TEXT" type="languagetext" minOccurs="0">
              <xs:annotation>...</xs:annotation>
            </xs:element>
            <xs:element name="WIDTH">
              <xs:annotation>...</xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:nonNegativeInteger">
                  <xs:minInclusive value="0" />
                  <xs:maxInclusive value="9999" />
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="DEPTH">
              <xs:annotation>...</xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:nonNegativeInteger">
```

```
                <xs:minInclusive value="0" />
                <xs:maxInclusive value="9999" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="HEIGHT">
            <xs:annotation>...</xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:nonNegativeInteger">
                <xs:minInclusive value="0" />
                <xs:maxInclusive value="9999" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="WEIGHT" type="xs:decimal">
            <xs:annotation>...</xs:annotation>
          </xs:element>
          <xs:element name="EAN_NUMBER" minOccurs="0">
            <xs:annotation>...</xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1" />
                <xs:maxLength value="15" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="MATERIAL_NUMBER" minOccurs="0">
            <xs:annotation>...</xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1" />
                <xs:maxLength value="15" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="DECISIONS" minOccurs="0">
            <xs:annotation>...</xs:annotation>
            <xs:complexType>
              <xs:sequence>
                <xs:element name="DECISION_REF" maxOccurs="unbounded">
                  <xs:annotation>...</xs:annotation>
                  <xs:complexType>
                    <xs:attribute name="DECISION_NO" use="required">
                      <xs:annotation>...</xs:annotation>
                      <xs:simpleType>
                        <xs:restriction base="xs:positiveInteger">
                          <xs:minInclusive value="1" />
                          <xs:maxInclusive value="9999999999" />
                        </xs:restriction>
                      </xs:simpleType>
                    </xs:attribute>
                  </xs:complexType>
                </xs:element>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
        <xs:attribute name="SEQUENCE_NO" use="required">
          <xs:annotation>...</xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:positiveInteger" />
          </xs:simpleType>
        </xs:attribute>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
```

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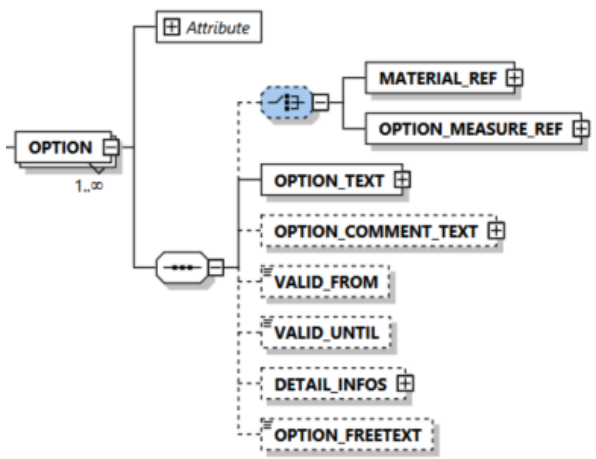
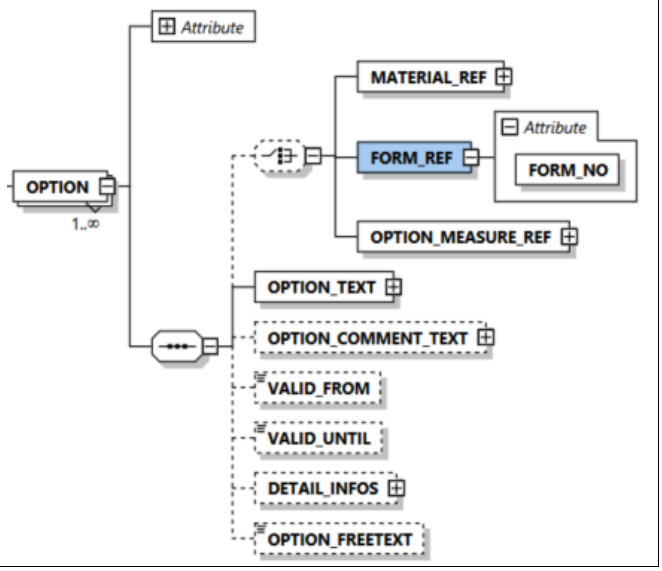
1.4. A New element FORM_REF under OPTION Decision : 2022-01-27

3.1.0



4.0.1



In addition to the elements MATERIAL_REF and OPTION_MEASURE_REF, the element FORM_REF is now also taken over from the format IDMW in the Choice under OPTION.

FORM_REF:

The FORM_REF element is a complexType within a Choice.

Description in the documentation:

This element references a shape.

FORM_NO:

The attribute FORM_NO is of the type string, may have 1-5 digits and is mandatory.

Description in the documentation:

This attribute is used to reference a profile shape.

```
<xs:element name="OPTION" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:choice minOccurs="0">
                <xs:element name="MATERIAL_REF">...</xs:element>
                <xs:element name="FORM_REF">
                    <xs:annotation>...</xs:annotation>
                    <xs:complexType>
                        <xs:attribute name="FORM_NO" use="required">
                            <xs:annotation>...</xs:annotation>
                            <xs:simpleType>
                                <xs:restriction base="xs:string">
                                    <xs:minLength value="1"/>
                                    <xs:maxLength value="5"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:attribute>
                    </xs:complexType>
                </xs:element>
                <xs:element name="OPTION_MEASURE_REF">...</xs:element>
            </xs:choice>
```

1.5. C Changing the maxIncl of the FEATURE_NO Decision : 2022-04-27

3.1.0

```
<xs:attribute name="FEATURE_NO" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:nonNegativeInteger">
            <xs:minInclusive value="0"/>
            <xs:maxInclusive value="999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

4.0.1

```
<xs:attribute name="FEATURE_NO" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:nonNegativeInteger">
            <xs:minInclusive value="0"/>
            <xs:maxInclusive value="9999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

The FEATURE_NO attribute has 4 digits after the merge. The value max Inclusive therefore changes from 999 to 9999.

<u>the FEATURE_NO attributes under the following elements have been changed:</u>

- T_NEW_CATALOG/SERIES/SERIE/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/BASIC_PROFILE/CARCASE_BASIC_SHAPE/BASIC_PROFILE_SHAPE/OPTION_REF/@FEATURE_NOFEATURE_CLASS -> FEATURE_RE
- T_NEW_CATALOG/FEATURE_DEFINITION/FEATURE_CLASSES/FEATURE_CLASS/FEATURE_REF/@FEATURE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/FEATURES/FEATURE/@FEATURE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/DECISION/OPTION_COMBINATION/OPTIONS_SET_REF/@FEATURE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/DECISION/OPTION_COMBINATION/OPTIONS_SET_REF/FEATURE_REF_OP/@FEATURE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/DECISION/OPTION_COMBINATION/ACTIONS/SET_FEATURE_DEFAULT/@FEATURE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/DECISION/OPTION_COMBINATION/ACTIONS/SET_FEATURE_DEFAULT/FEATURE_REF/@FEATURE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/DECISION/OPTION_COMBINATION/ACTIONS/SET_FEATURE_FIXED/@FEATURE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/DECISION/OPTION_COMBINATION/ACTIONS/SET_FEATURE_FIXED/FEATURE_REF/@FEATURE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/DECISION/OPTION_COMBINATION/ACTIONS/SET_FEATURE_VISIBLE/@FEATURE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/DECISION/OPTION_COMBINATION/ACTIONS/SET_FEATURE_INVISIBLE/@FEATURE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/DECISION/OPTION_COMBINATION/ACTIONS/SET_FEATURE/@FEATURE_NO

- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/DECISION/OPTION_COMBINATION/ACTIONS/SET_FEATURE/FEATURE_REF/@FEATURE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/DECISION/OPTION_COMBINATION/ACTIONS/SET_FEATURE_DEFAULT_NULL/@FEATURE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/DECISION/OPTION_COMBINATION/ACTIONS/SET_FEATURE_DEFAULT_NULL/FEATURE_REF/@FEATURE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/DECISION/FEATURE_REF/@FEATURE_NO
- T_NEW_CATALOG/PRICE_DEFINITION/PRICE_FEATURE_GROUPS/PRICE_FEATURE_GROUP/FINISH/OPTIONS_SET_REF/@FEATURE_NO
- T_NEW_CATALOG/PRICE_DEFINITION/PRICE_FEATURE_GROUPS/PRICE_FEATURE_GROUP/PERCENTAGE_SURCHARGE/OPTIONS_SET_REF/@FEATURE_NO

1.6. C New pattern in element TK_TYPE Decision : 2022-09-06

3.1.0

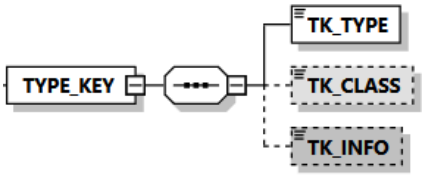
```
<xs:element name="TK_TYPE">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:positiveInteger">
            <xs:maxInclusive value="26"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

4.0.1

```
<xs:element name="TK_TYPE">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:positiveInteger">
            <xs:pattern value="[1-9]|1[0134589]|2[15]|10[1-9]0|11[0-9]0|12[0-9]0|13[0-5]0"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

The element TK_TYPE is restricted to the new number ranges from the list of merged type keys via this pattern.

1.7. A New elements TK_CLASS and TK_INFO Decision : 2022-04-27

3.1.0	4.0.1
	

The elements TK_CLASS (type key types) and TK_INFO (execution key) complement the TK_Type.

TK_CLASS:

The optional element TK_CLASS is of type nonNegativeInteger and may contain the ID's from the table of type key types.

Description in the documentation:

A value from the column Type of the table "Type key types" is entered here.

TK_INFO:

The optional element TK_INFO is of type nonNegativeInteger and may contain the ID's from the execution key table.

Description in the documentation:

A value from the column No. of the table "Variation code" is entered here.

```
<xs:element name="TYPE_KEY">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="TK_TYPE">...</xs:element>
            <xs:element name="TK_CLASS" minOccurs="0">
                <xs:annotation>...</xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:nonNegativeInteger">
                        <xs:pattern value="000|[146][0-7]0|2[0-6]0|3[0-4]0|[57][012]0|8[01]0"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="TK_INFO" minOccurs="0">
                <xs:annotation>...</xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:nonNegativeInteger">
                        <xs:pattern value="[0-8]0"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

1.8.	C	Element OPTIONAL_CONNECTION becomes optional	Decision : 2023-02-09

3.1.0

```
<xs:element name="OPTIONAL_CONNECTION" default="0">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:boolean"/>
    </xs:simpleType>
</xs:element>
```

4.0.1

```
<xs:element name="OPTIONAL_CONNECTION" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:boolean"/>
    </xs:simpleType>
</xs:element>
```

Since the OPTIONAL_CONNECTION element is irrelevant for box furniture, it must be optional and the default value is omitted.

2. Format and sector identification

2.1. C Changed values in the FORMAT attribute Decision : 2022-09-06

3.1.0

```
<xs:attribute name="FORMAT" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[ABGKOPSWZ]"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

4.0.1

```
<xs:attribute name="FORMAT" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[KL]"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

In the FORMAT attribute, the sector was previously maintained. Now the actual format version is to be specified there, which is why only the values K (Kitchen/Bathroom) and L (Living) are allowed.

Description in the documentation:

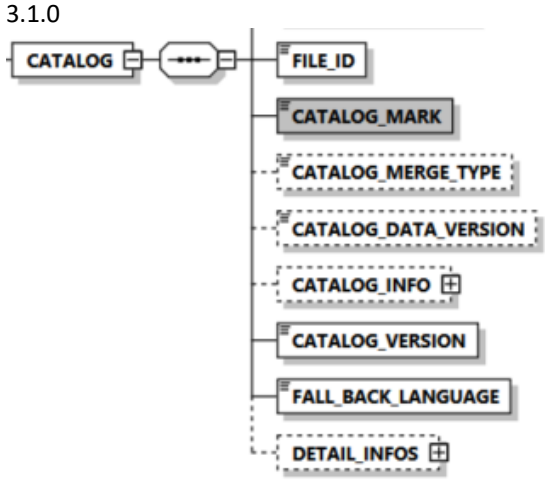
The format version is maintained in this element:

K = kitchen/bathroom

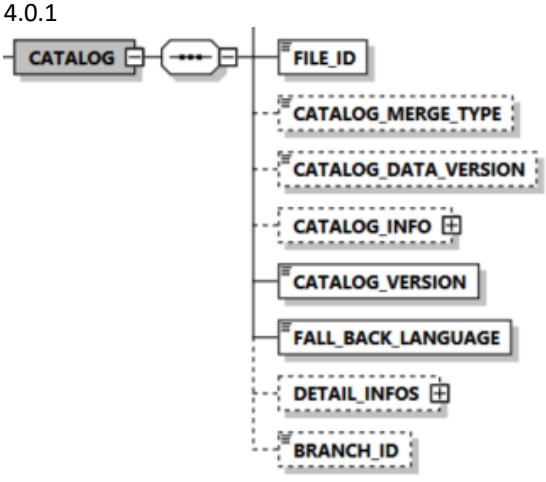
L = Living

2.2. R CATALOG_MARK is deleted Decision : 2022-04-27

3.1.0



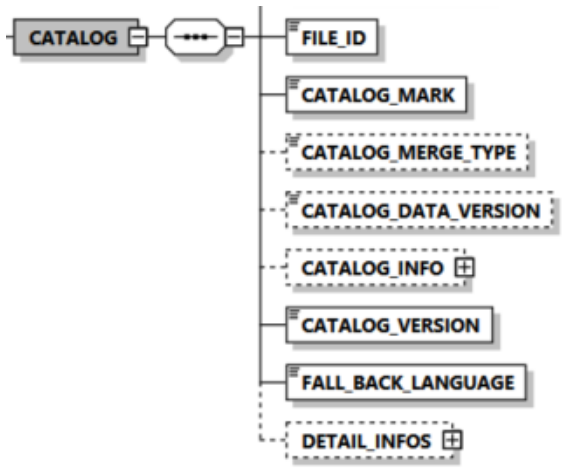
4.0.1



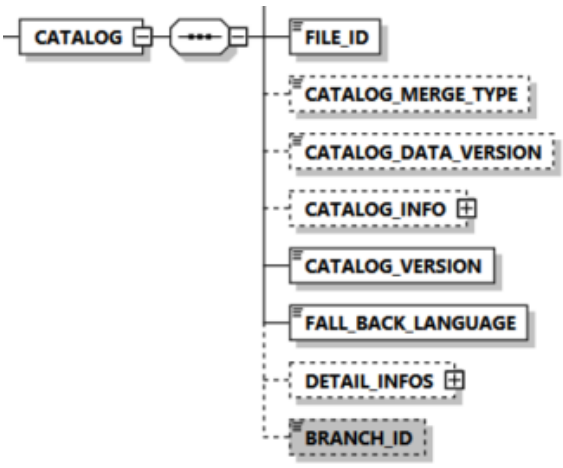
Since the element CATALOG_MARK still contained kitchen-specific values and only the catalogue indicator K was used in the Living area, it is omitted.

2.3. R New element BRANCH_ID under CATALOG Decision : 2022-09-06

3.1.0



4.0.1



The new element BRANCH_ID of the type string is optional and allows the values A, B, C, G, K, M, O, P, S, W, Z. One can specify there the branch in which one would classify the catalogue.

Description in the documentation:

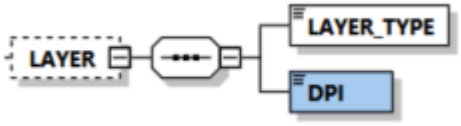
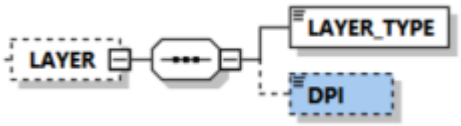
This element specifies the indicator for the industry. The following industry indicators are currently defined:

A = Worktop manufacturer
B = Bathroom furniture manufacturer
C = Bed manufacturer
G = Appliance manufacturer
K = Kitchen furniture manufacturer
M = Mattress manufacturer
O = Office furniture manufacturers
P = Upholstery furniture manufacturer
S = Sanitary manufacturer
W = Living room furniture manufacturer
Z = Accessories manufacturer

```
<xs:element name="BRANCH_ID" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[ABCGKMOPSWZ]"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

3. LAYER

3.1. C Element DPI becomes optional Decision : 2022-01-27

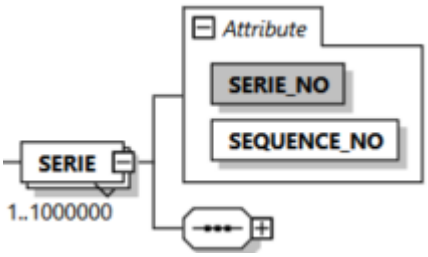
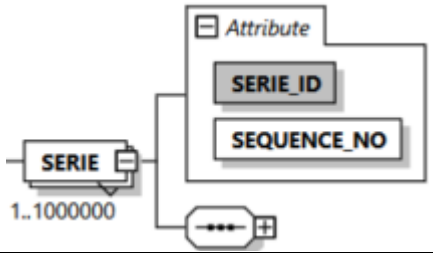
3.1.0	4.0.1
	

The element DPI below LAYER becomes optional, as it is not required for SVG's whose dimensions are already specified in a unit of measurement and not in pixels.

```
<xs:element name="DPI" minOccurs="0">
    <xs:annotation> ... </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:positiveInteger">
            <xs:enumeration value="72"/>
            <xs:enumeration value="96"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

4. Series identification

4.1. C Attribute SERIE_NO below SERIE becomes SERIE_ID Decision : 2022-09-06

3.1.0	4.0.1
	

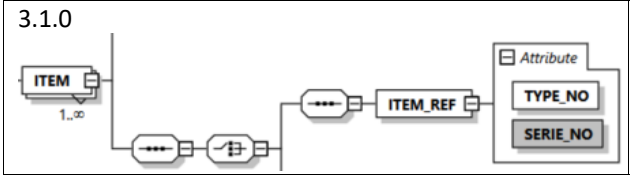
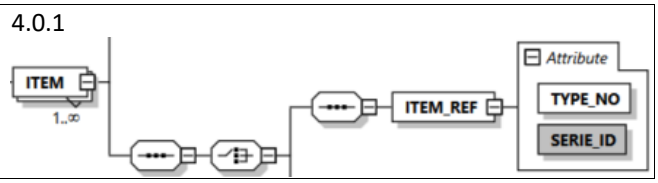
Since the 6-digit SERIE_NO was no longer sufficient as a NonNegativeInteger, it becomes the SERIE_ID as a 36-set string.

Description in the documentation:

This attribute defines the series ID of the series.

```
<xs:attribute name="SERIE_ID" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="36"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

4.2. C Attribute SERIE_NO under ITEM_REF below ITEM becomes SERIE_ID Decision : 2022-09-06

3.1.0	4.0.1
	

Since the 6-digit SERIE_NO was no longer sufficient as a NonNegativeInteger, it becomes the SERIE_ID as a 36-set string.

Description in the documentation:

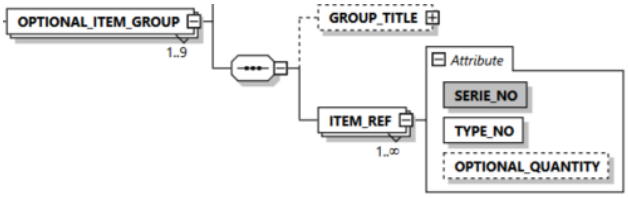
This attribute indicates the series ID of the referenced item.

```
<xs:attribute name="SERIE_ID" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="36"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

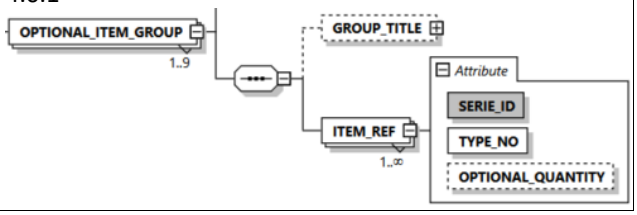
A = Added = Adding new elements or attributes
C = Changed = Changes to existing elements, attributes or descriptive texts.
R = Removed = Deletion of elements or attributes
F = Fixed = Error corrections to existing elements, attributes or descriptive texts.

4.3. C Attribute SERIE_NO under ITEM_REF below OPTIONAL_ITEM_GROUP becomes SERIE_ID — Decision : 2022-09-06

3.1.0



4.0.1



Since the 6-digit SERIE_NO was no longer sufficient as a NonNegativeInteger, it becomes the SERIE_ID as a 36-set string.

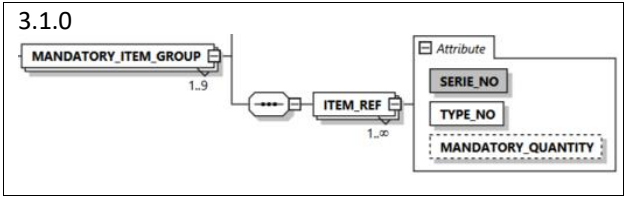
Description in the documentation:

This attribute specifies the series ID of the referenced series.

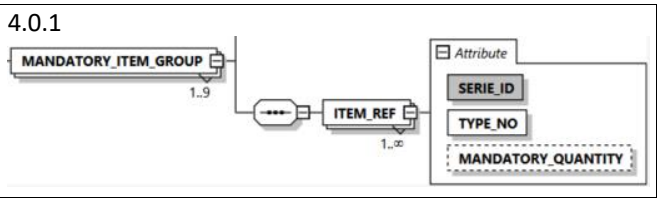
```
<xs:attribute name="SERIE_ID" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="36"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

4.4. C Attribute SERIE_NO under ITEM_REF below MANDATORY_ITEM_GROUP becomes SERIE_ID — Decision : 2022-09-06

3.1.0



4.0.1



Since the 6-digit SERIE_NO was no longer sufficient as a NonNegativeInteger, it becomes the SERIE_ID as a 36-set string.

Description in the documentation:

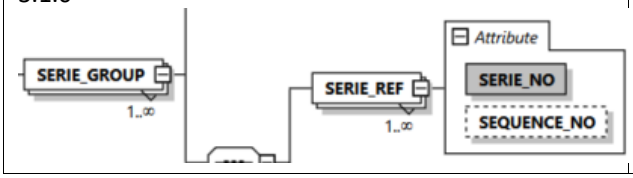
This attribute indicates the series ID of the referenced item.

```
<xs:attribute name="SERIE_ID" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="36"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

A = Added = Adding new elements or attributes
C = Changed = Changes to existing elements, attributes or descriptive texts.
R = Removed = Deletion of elements or attributes
F = Fixed = Error corrections to existing elements, attributes or descriptive texts.

4.5. C Attribute SERIE_NO under SERIE_REF below SERIE_GROUP becomes SERIE_ID — Decision : 2022-09-06

3.1.0



4.0.1

Since the 6-digit SERIE_NO was no longer sufficient as a NonNegativeInteger, it becomes the SERIE_ID as a 36-set string.

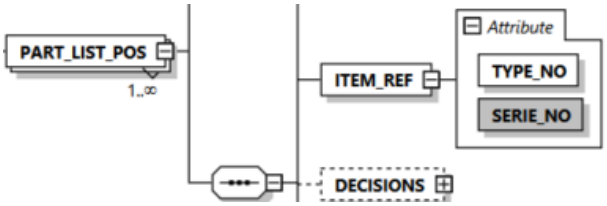
Description in the documentation:

This attribute is used to reference a series.

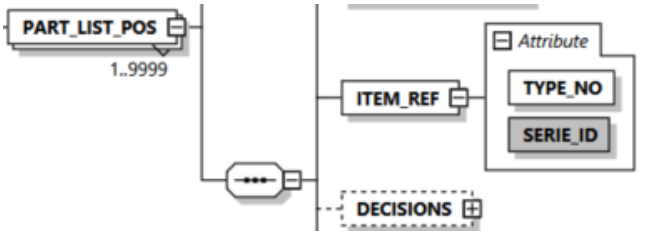
```
<xs:attribute name="SERIE_ID" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="36"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

4.6. C Attribute SERIE_NO under ITEM_REF below PART_LIST_POS becomes SERIE_ID — Decision : 2022-09-06

3.1.0



4.0.1



Since the 6-digit SERIE_NO as a NonNegativeInteger was no longer sufficient, it becomes the SERIE_ID as a 36-set string.

Description in the documentation:

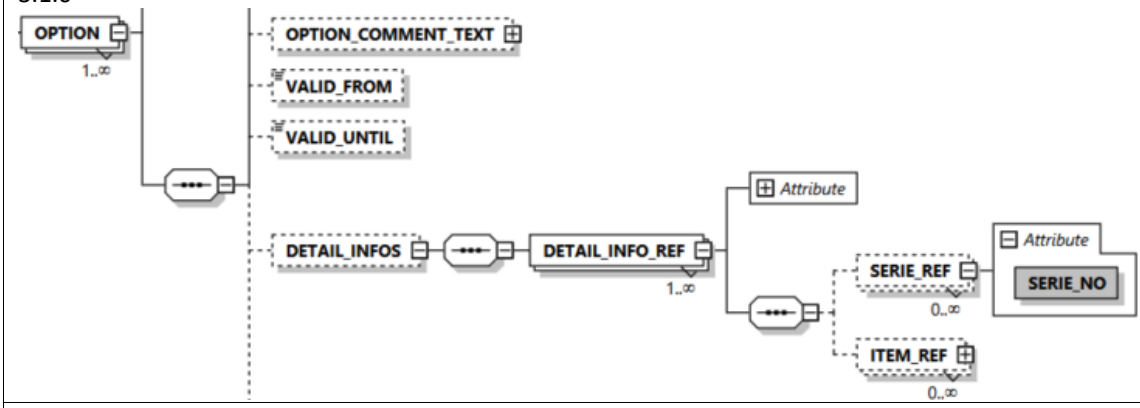
This attribute indicates the series ID of the referenced item.

```
<xs:attribute name="SERIE_ID" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="36"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

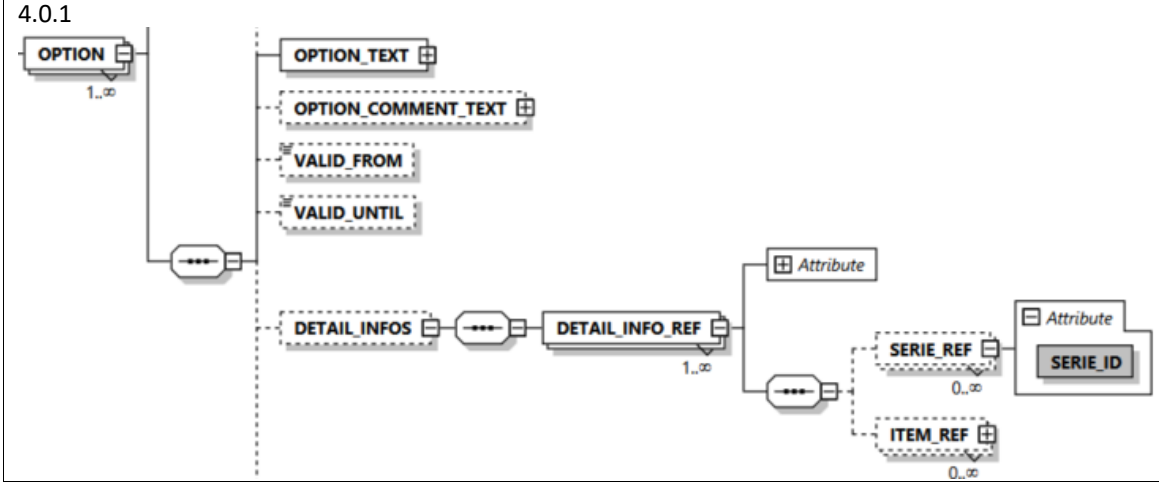
A = Added = Adding new elements or attributes
C = Changed = Changes to existing elements, attributes or descriptive texts.
R = Removed = Deletion of elements or attributes
F = Fixed = Error corrections to existing elements, attributes or descriptive texts.

4.7. C Attribute SERIE_NO under SERIE_REF below OPTION becomes SERIE_ID — Decision : 2022-09-06

3.1.0



4.0.1



Since the 6-digit SERIE_NO as a NonNegativeInteger was no longer sufficient, it becomes the SERIE_ID as a 36-set string.

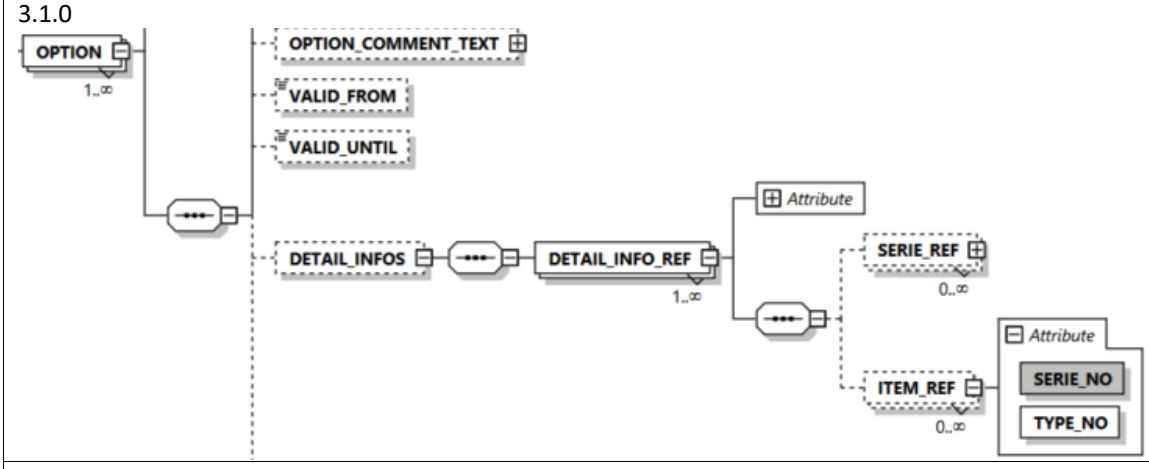
Description in the documentation:

This attribute specifies the series ID of the referenced series.

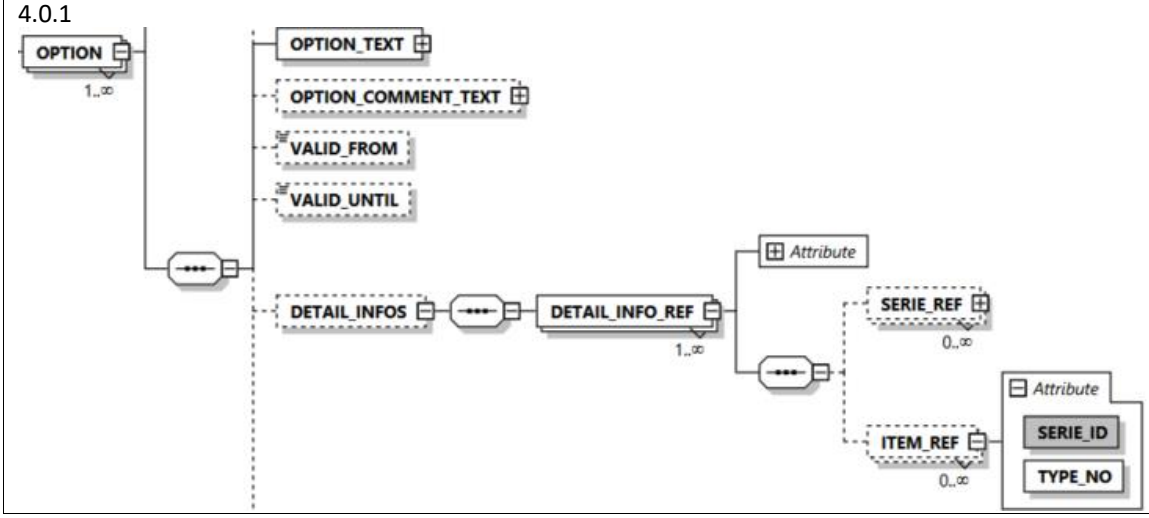
```
<xs:attribute name="SERIE_ID" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="36"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

4.8.	C	Attribute SERIE_NO under ITEM_REF below OPTION becomes SERIE_ID	Decision : 2022-09-06

3.1.0



4.0.1



Since the 6-digit SERIE_NO was no longer sufficient as a NonNegativeInteger, it becomes the SERIE_ID as a 36-set string.

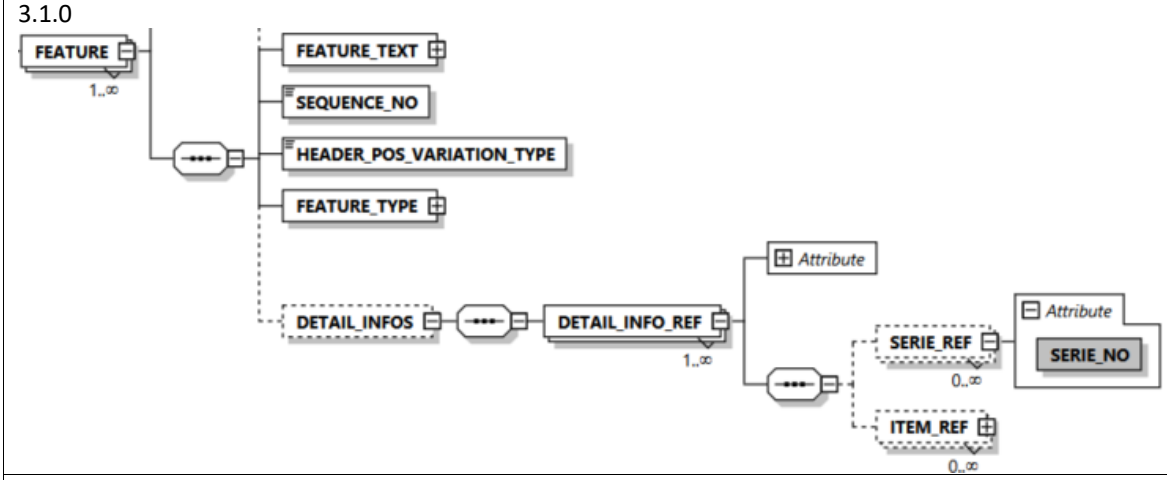
Description in the documentation:

This attribute specifies the series ID of the referenced series.

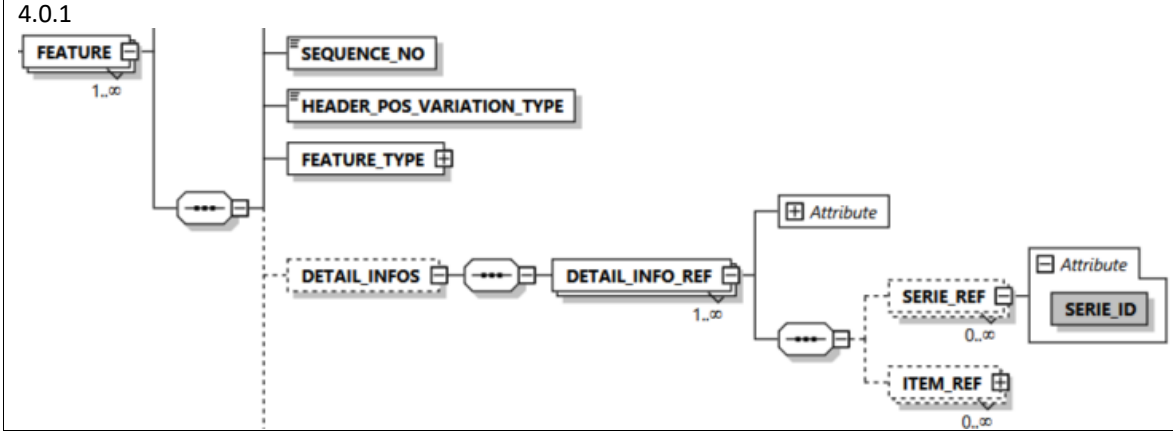
```
<xs:attribute name="SERIE_ID" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="36"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

4.9. C Attribute SERIE_NO under SERIE_REF below FEATURE becomes SERIE_ID — Decision : 2022-09-06

3.1.0



4.0.1



Since the 6-digit SERIE_NO as a NonNegativeInteger was no longer sufficient, it becomes the SERIE_ID as a 36-set string.

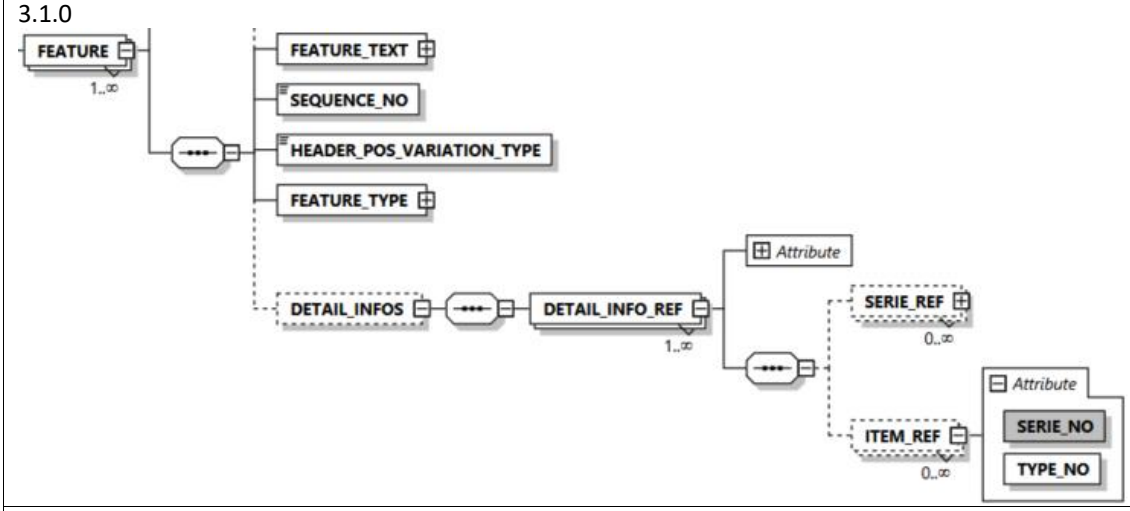
Description in the documentation:

This attribute specifies the series ID of the referenced series.

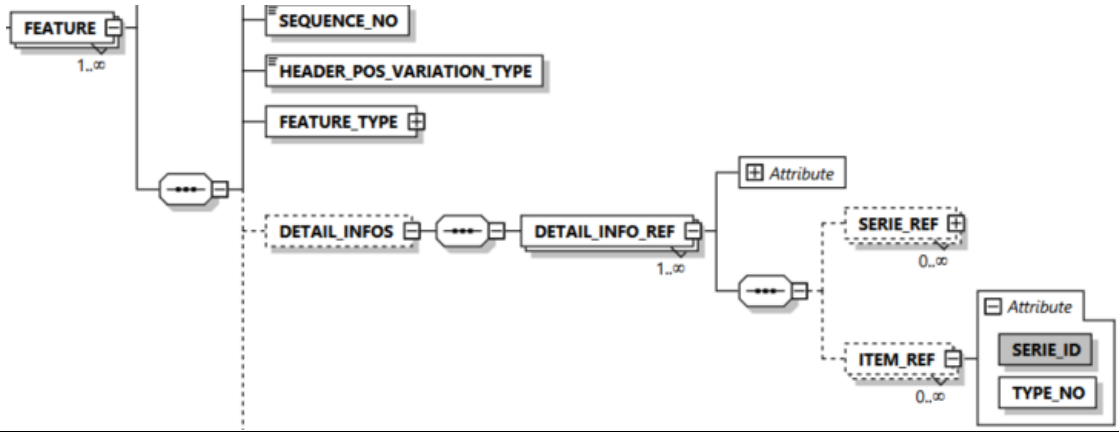
```
<xs:attribute name="SERIE_ID" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="36"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

4.10. C Attribute SERIE_NO under ITEM_REF below FEATURE becomes SERIE_ID Decision : 2022-09-06

3.1.0



4.0.1



Since the 6-digit SERIE_NO as a NonNegativeInteger was no longer sufficient, it becomes the SERIE_ID as a 36-set string.

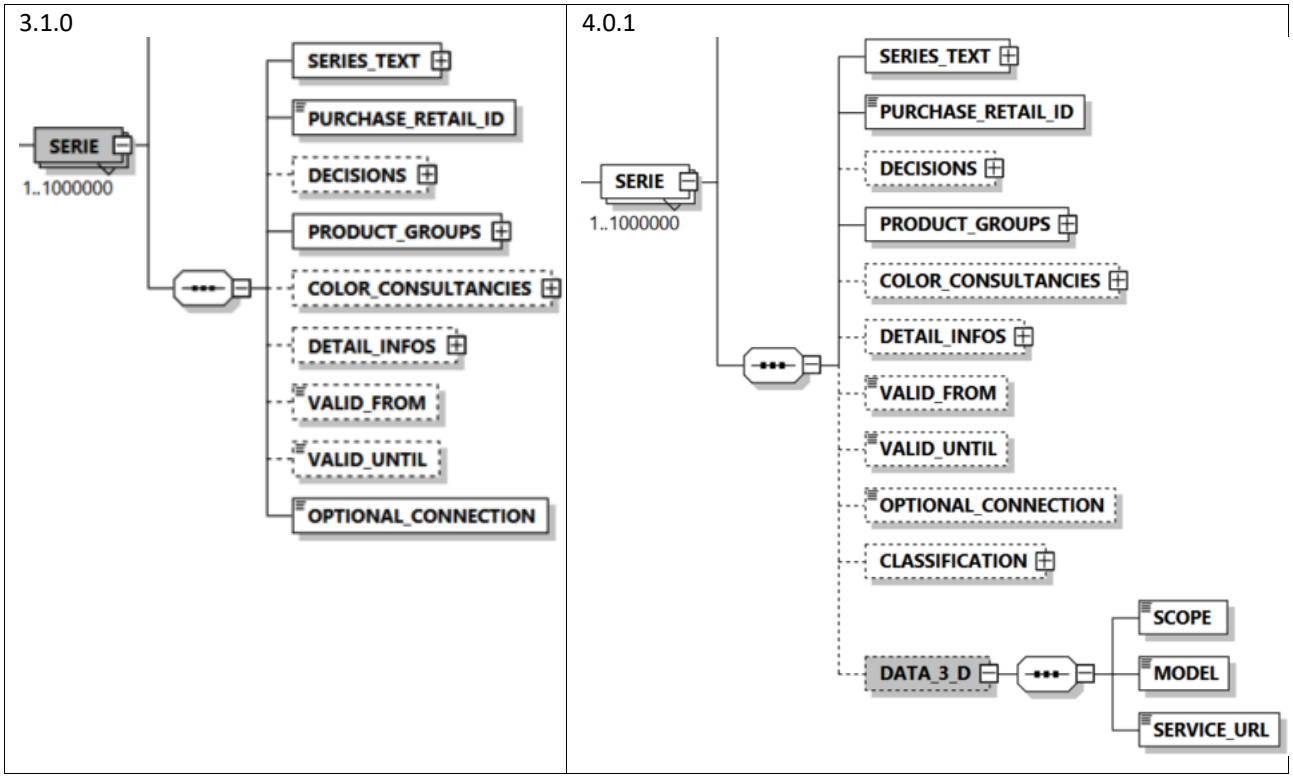
Description in the documentation:

This attribute indicates the series ID of the referenced item.

```
<xs:attribute name="SERIE_ID" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="36"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

5. New node for 3D data

5.1.	A	New complex type DATA_3_D under SERIES with the elements SCOPE, MODEL and SERVICE_URL	Decision : 2023-02-09



To link 3D data with the IDM catalogues, a new optional complex type DATA_3_D has been created under the series with the elements SCOPE, 3D_MODEL and SERVICE_URL.

DATA_3_D:

Description in the documentation:

In this element, 3D models are referenced by specifying the scope, the 3D model identifier and the service URL.

SCOPE:

Description in the documentation:

This element specifies the workspace of the 3D model.

MODEL:

Description in the documentation:

The model identification of the 3D model is to be entered in this element. This can also differ from the SERIE_ID.

SERVICE_URL:

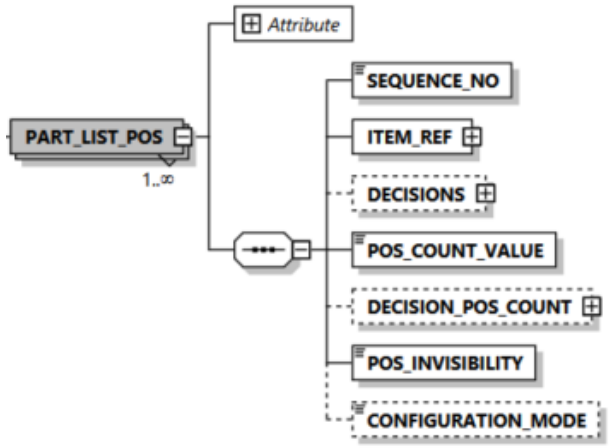
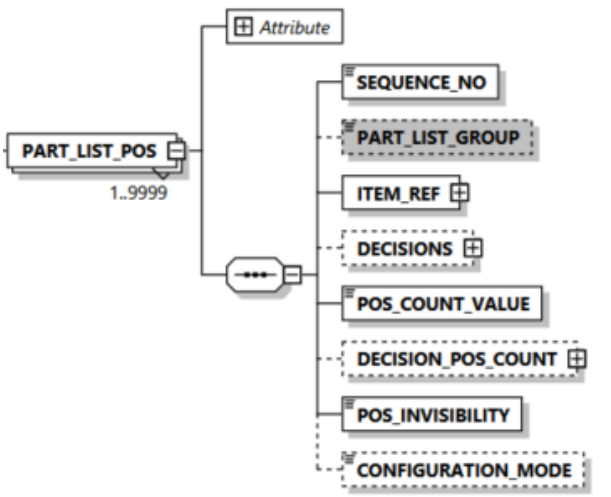
Description in the documentation:

This element specifies the service URL for localising the 3D model.

```
<xs:element name="DATA_3_D" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SCOPE" type="xs:string">
                <xs:annotation>...</xs:annotation>
            </xs:element>
            <xs:element name="MODEL" type="xs:string">
                <xs:annotation>...</xs:annotation>
            </xs:element>
            <xs:element name="SERVICE_URL" type="xs:string">
                <xs:annotation>...</xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

6. High number of parts list positions

6.1. A New element PART_LIST_GROUP Decision : 2022-04-27

3.1.0	4.0.1
	

The new optional element PART_LIST_GROUP at the 2nd position below PART_LIST_POS is of type string and has a maximum of 30 characters.

Description in the documentation:

This element enables a grouping of parts list positions within a part list.

```
<xs:element name="PART_LIST_GROUP" minOccurs="0">
    <xs:annotation> ... </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="30"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

6.2. C Changing the maxOcc of the PART_LIST_POS Decision : 2022-04-27

3.1.0

```
<xs:element name="PART_LIST_POS" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SEQUENCE_NO">...</xs:element>
            <xs:element name="ITEM_REF">...</xs:element>
            <xs:element name="DECISIONS" minOccurs="0">...</xs:element>
            <xs:element name="POS_COUNT_VALUE">...</xs:element>
            <xs:element name="DECISION_POS_COUNT" minOccurs="0">...</xs:element>
            <xs:element name="POS_INVISIBILITY" default="0">...</xs:element>
            <xs:element name="CONFIGURATION_MODE" default="0" minOccurs="0">...</xs:element>
        </xs:sequence>
        <xs:attribute name="INCLUDE_INORDER" type="xs:boolean" use="optional" default="0">...</xs:attribute
    </xs:complexType>
</xs:element>
```

4.0.1

```
<xs:element name="PART_LIST_POS" maxOccurs="9999">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SEQUENCE_NO">...</xs:element>
            <xs:element name="ITEM_REF">...</xs:element>
            <xs:element name="DECISIONS" minOccurs="0">...</xs:element>
            <xs:element name="POS_COUNT_VALUE">...</xs:element>
            <xs:element name="DECISION_POS_COUNT" minOccurs="0">...</xs:element>
            <xs:element name="POS_INVISIBILITY" default="0">...</xs:element>
            <xs:element name="CONFIGURATION_MODE" default="0" minOccurs="0">...</xs:element>
        </xs:sequence>
        <xs:attribute name="INCLUDE_INORDER" type="xs:boolean" use="optional" default="0">...</xs:attribute>
    </xs:complexType>
</xs:element>
```

Since the evaluation of large BOMs can lead to performance problems, the value maxOccurs in the PART_LIST_POS element is restricted from unbounded to 9999.

6.3.	C	Changing the maxIncl of the SEQUENCE_NO under PART_LIST_POS	Decision : 2022-04-27

3.1.0

```
<xs:element name="SEQUENCE_NO">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:nonNegativeInteger">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

4.0.1

```
<xs:element name="SEQUENCE_NO">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:nonNegativeInteger">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="9999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

According to the number of allowed BOM items, the value maxInclusive of the SEQUENCE_NO is increased to 9999. The new description makes it clear that a unique sort order must be specified for each BOM item.

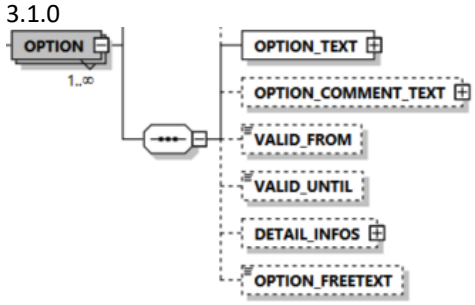
Description in the documentation:

In this element the sort order of the parts list positions is to be defined.

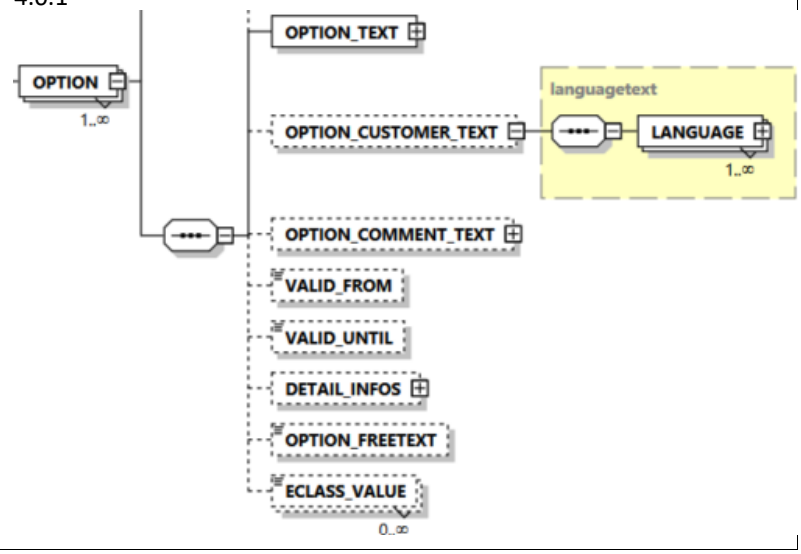
7. OPTION texts for end customers

7.1. A New element OPTION_CUSTOMER_TEXT Decision : 2023-02-09

3.1.0



4.0.1



In addition to the OPTION_TEXT, which is limited to 60 characters and is only displayed with 20 characters in some configurators, there is now the optional OPTION_CUSTOMER_TEXT, which, if specified, should be used instead of the OPTION_TEXT on end-customer forms, such as purchase contracts, etc.

Description in the documentation:

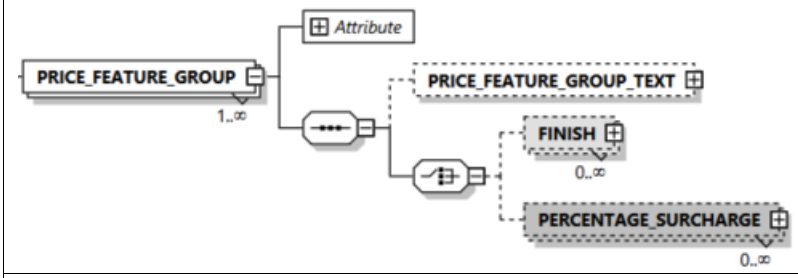
This element can be used to specify OPTION designations for end user forms of unlimited length. If this element is not maintained, the OPTION_TEXT is used.

```
<xs:element name="OPTION_TEXT" type="languagetext60">
    <xs:annotation> ... </xs:annotation>
</xs:element>
<xs:element name="OPTION_CUSTOMER_TEXT" type="languagetext" minOccurs="0">
    <xs:annotation> ... </xs:annotation>
</xs:element>
```

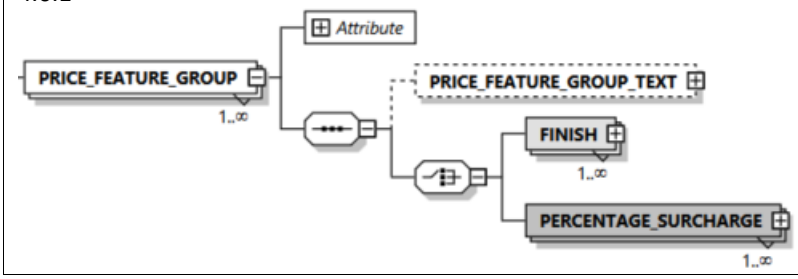
8. Mandatory information under PRICE_FEATURE_GROUP

8.1. C FINISH and PERCENTAGE_SURCHARGE elements mandatory Decision : 2023-02-09

3.1.0



4.0.1



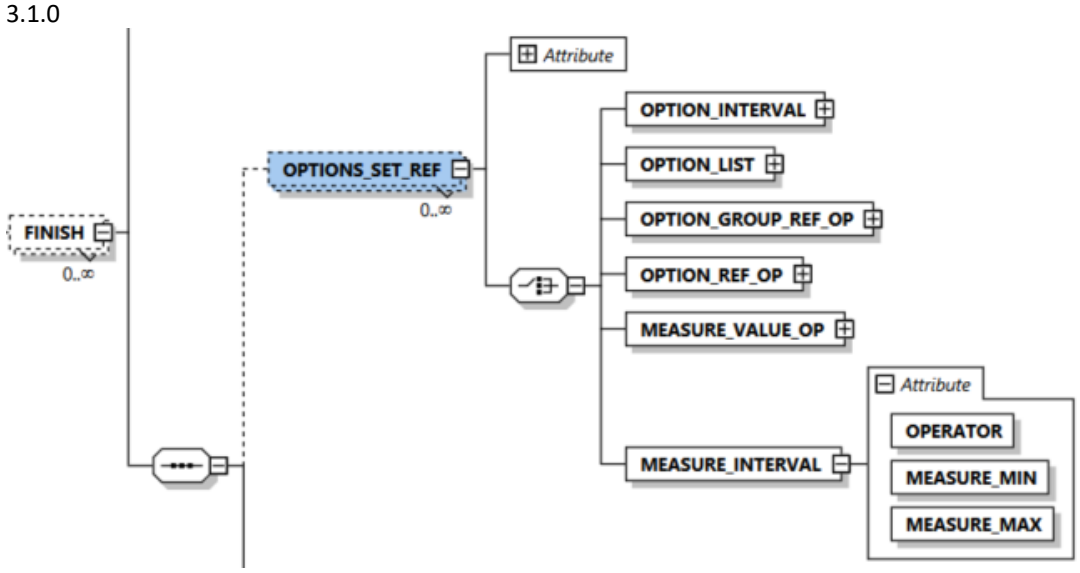
Since at least one FINISH or PERCENTAGE_SURCHARGE must always be specified within a PRICE_FEATURE_GROUP, the two elements under the Choice are now mandatory.

```
<xs:choice>
    <xs:element name="FINISH" maxOccurs="unbounded">
        <xs:annotation>...</xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="OPTIONS_SET_REF" minOccurs="0" maxOccurs="unbounded">...</xs:element>
                <xs:element name="PRICE_FIELD">...</xs:element>
                <xs:element name="SUPPLIER_PRICE_GROUP">...</xs:element>
                <xs:element name="VALID_FROM" minOccurs="0">...</xs:element>
                <xs:element name="VALID_UNTIL" minOccurs="0">...</xs:element>
            </xs:sequence>
            <xs:attribute name="SEQUENCE" use="required">...</xs:attribute>
        </xs:complexType>
    </xs:element>
    <xs:element name="PERCENTAGE_SURCHARGE" maxOccurs="unbounded">
        <xs:annotation>...</xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="OPTIONS_SET_REF" minOccurs="0" maxOccurs="unbounded">...</xs:element>
                <xs:element name="PRICE_FACTOR">...</xs:element>
                <xs:element name="PRICE_FEATURE_GROUP_REF" minOccurs="0" maxOccurs="unbounded">...</xs:element>
                <xs:element name="VALID_FROM" minOccurs="0">...</xs:element>
                <xs:element name="VALID_UNTIL" minOccurs="0">...</xs:element>
            </xs:sequence>
            <xs:attribute name="SEQUENCE" use="required">...</xs:attribute>
        </xs:complexType>
    </xs:element>
</xs:choice>
```

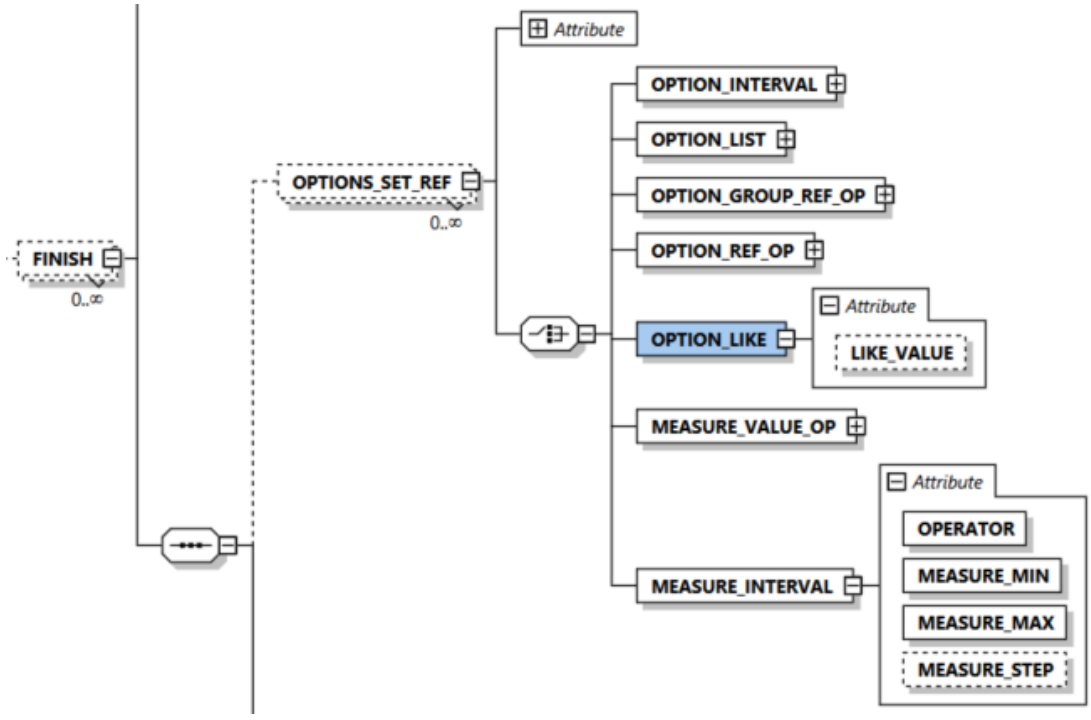
9. Expansion of the rules

9.1.	A	New element OPTION_LIKE and new attribute MEASURE_STEP in OPTION_SET_REF under FINISH	Decision : 2022-01-27

3.1.0



4.0.1



As in the OPTION_SET_REF below OPTION_COMBINATION, the element OPTION_LIKE and the attribute MEASURE_STEP are added under MEASURE_INTERVAL in the OPTIONS_SET_REF below FINISH.

A = Added = Adding new elements or attributes
C = Changed = Changes to existing elements, attributes or descriptive texts.
R = Removed = Deletion of elements or attributes
F = Fixed = Error corrections to existing elements, attributes or descriptive texts.

OPTION_LIKE:

The element OPTION_LIKE at the 5th position under OPTIONS_SET_REF is a complexType within a Choice.

Description in the documentation:

This element is used to compare text patterns with regard to options.

LIKE_VALUE:

The LIKE_VALUE attribute is of type string, may have 1-30 digits and is optional.

Description in the documentation:

The comparison string is entered here. Similar to the SQL comparison operator LIKE, it may contain the characters '_' for any character and '%' for any character string.

MEASURE_STEP:

The attribute MEASURE_STEP at the 4th position below MEASURE_INTERVAL is of type nonNegativeInteger and optional.

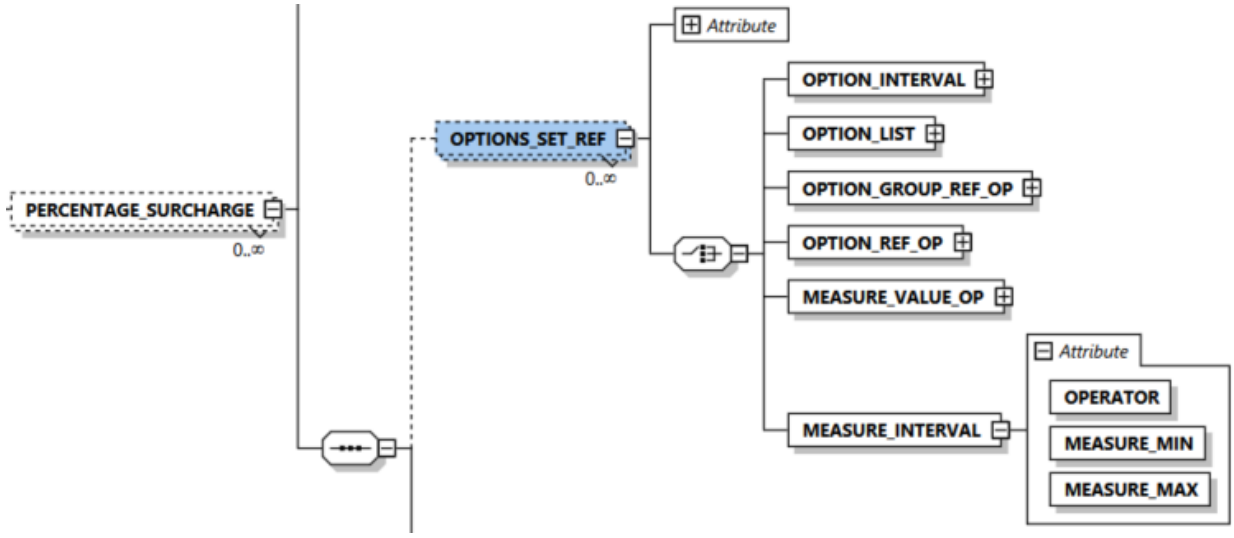
Description in the documentation:

This attribute can be used to specify the step size of the interval.

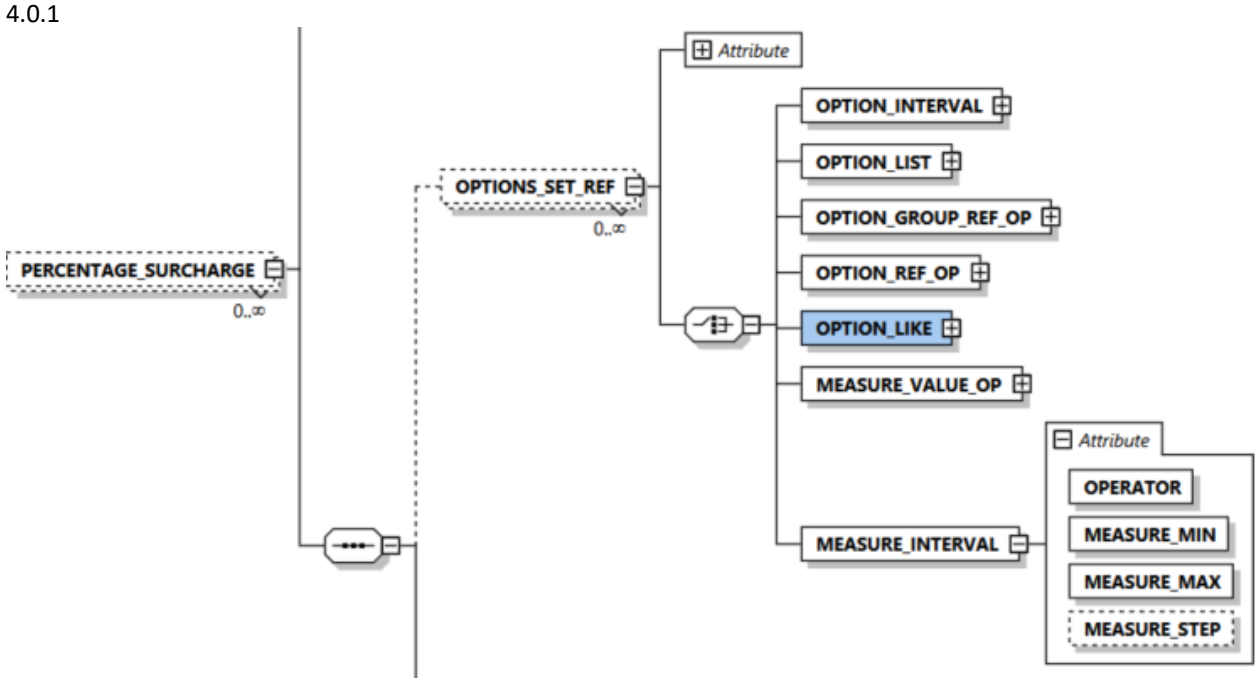
```
<xs:element name="FINISH" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>...</xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="OPTIONS_SET_REF" minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>...</xs:annotation>
        <xs:complexType>
          <xs:choice>
            <xs:element name="OPTION_INTERVAL">...</xs:element>
            <xs:element name="OPTION_LIST">...</xs:element>
            <xs:element name="OPTION_GROUP_REF_OP">...</xs:element>
            <xs:element name="OPTION_REF_OP">...</xs:element>
            <xs:element name="OPTION_LIKE">
              <xs:annotation>...</xs:annotation>
              <xs:complexType>
                <xs:attribute name="LIKE_VALUE">
                  <xs:annotation>...</xs:annotation>
                  <xs:simpleType>
                    <xs:restriction base="xs:string">
                      <xs:minLength value="1"/>
                      <xs:maxLength value="30"/>
                    </xs:restriction>
                  </xs:simpleType>
                </xs:attribute>
              </xs:complexType>
            </xs:element>
            <xs:element name="MEASURE_VALUE_OP">...</xs:element>
            <xs:element name="MEASURE_INTERVAL">
              <xs:annotation>...</xs:annotation>
              <xs:complexType>
                <xs:attribute name="OPERATOR" use="required">...</xs:attribute>
                <xs:attribute name="MEASURE_MIN" type="xs:nonNegativeInteger" use="required">...</xs:attribute>
                <xs:attribute name="MEASURE_MAX" type="xs:nonNegativeInteger" use="required">...</xs:attribute>
                <xs:attribute name="MEASURE_STEP" type="xs:nonNegativeInteger">
                  <xs:annotation>...</xs:annotation>
                </xs:attribute>
              </xs:complexType>
            </xs:element>
          </xs:choice>
```

9.2. A New element OPTION_LIKE and new attribute MEASURE_STEP in OPTION_SET_REF under PERCENTAGE_SURCHARGE Decision : 2022-01-27

3.1.0



4.0.1



As in the OPTION_SET_REF under OPTION_COMBINATION, the element OPTION_LIKE and the attribute MEASURE_STEP under MEASURE_INTERVAL are added in the OPTIONS_SET_REF under PERCENTAGE_SURCHARGE.

OPTION_LIKE:

The element OPTION_LIKE at the 5th position under OPTIONS_SET_REF is a complexType within a Choice.

Description in the documentation:

This element is used to compare text patterns with regard to options.

LIKE_VALUE:

The LIKE_VALUE attribute is of type string, may have 1-30 digits and is optional.

Description in the documentation:

The comparison string is entered here. Similar to the SQL comparison operator LIKE, it may contain the characters '_' for any character and '%' for any character string.

MEASURE_STEP:

The attribute MEASURE_STEP at the 4th position below MEASURE_INTERVAL is of type nonNegativeInteger and optional.

Description in the documentation:

This attribute can be used to specify the step size of the interval.

```
<xs:element name="PERCENTAGE_SURCHARGE" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="OPTIONS_SET_REF" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:choice>
                        <xs:element name="OPTION_INTERVAL">...</xs:element>
                        <xs:element name="OPTION_LIST">...</xs:element>
                        <xs:element name="OPTION_GROUP_REF_OP">...</xs:element>
                        <xs:element name="OPTION_REF_OP">...</xs:element>
                        <xs:element name="OPTION_LIKE">
                            <xs:annotation>...</xs:annotation>
                            <xs:complexType>
                                <xs:attribute name="LIKE_VALUE">
                                    <xs:annotation>...</xs:annotation>
                                    <xs:simpleType>
                                        <xs:restriction base="xs:string">
                                            <xs:minLength value="1"/>
                                            <xs:maxLength value="30"/>
                                        </xs:restriction>
                                    </xs:simpleType>
                                </xs:attribute>
                            </xs:complexType>
                        </xs:element>
                        <xs:element name="MEASURE_VALUE_OP">...</xs:element>
                        <xs:element name="MEASURE_INTERVAL">
                            <xs:annotation>...</xs:annotation>
                            <xs:complexType>
                                <xs:attribute name="OPERATOR" use="required">...</xs:attribute>
                                <xs:attribute name="MEASURE_MIN" type="xs:nonNegativeInteger" use="required">...</xs:attribute>
                                <xs:attribute name="MEASURE_MAX" type="xs:nonNegativeInteger" use="required">...</xs:attribute>
                                <xs:attribute name="MEASURE_STEP" type="xs:nonNegativeInteger">
                                    <xs:annotation>...</xs:annotation>
                                </xs:attribute>
                            </xs:complexType>
                        </xs:element>
                    </xs:choice>
```

10. corrected patterns in texts

10.1. F Changed pattern in the TEXT element under SERIES_TEXT Decision : 2023-02-09

3.1.0

```
<xs:element name="TEXT">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{1,30}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

4.0.1

```
<xs:element name="TEXT">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{0,29}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

The pattern in the TEXT element under SHORT_TEXT below SERIES_TEXT was created incorrectly in the last version, as it allowed 2-31-character texts in its original version. This has now been changed to 1-30-character texts.

10.2. F Changed pattern in the TEXT element under ITEM_TEXT Decision : 2023-02-09

3.1.0

```
<xs:element name="TEXT">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{1,30}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

4.0.1

```
<xs:element name="TEXT">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{0,29}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

The pattern in the TEXT element under SHORT_TEXT below ITEM_TEXT was created incorrectly in the last version, as it allowed 2-31-character texts in its original version. This has now been changed to 1-30-character texts.

10.3. F Changed pattern in languagetext30 Decision : 2023-02-09

3.1.0

```
<xs:element name="TEXT">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{1,30}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

4.0.1

```
<xs:element name="TEXT">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{0,29}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

The pattern in the TEXT element below the complex type languagetext30 was created incorrectly in the last version, as it allowed 2-31-character texts in its original version. This has now been changed to 1-30-character texts.

10.4. F Changed pattern in languagetext40 Decision : 2023-02-09

3.1.0

```
<xs:element name="TEXT">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{1,40}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

4.0.1

```
<xs:element name="TEXT">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{0,39}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

The pattern in the TEXT element below the complex type languagetext40 was created incorrectly in the last version, as it allowed 2-41-character texts in its original version. This has now been changed to 1-40-character texts.

10.5. F Changed pattern in languagetext60 Decision : 2023-02-09

3.1.0

```
<xs:element name="TEXT">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{1,60}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

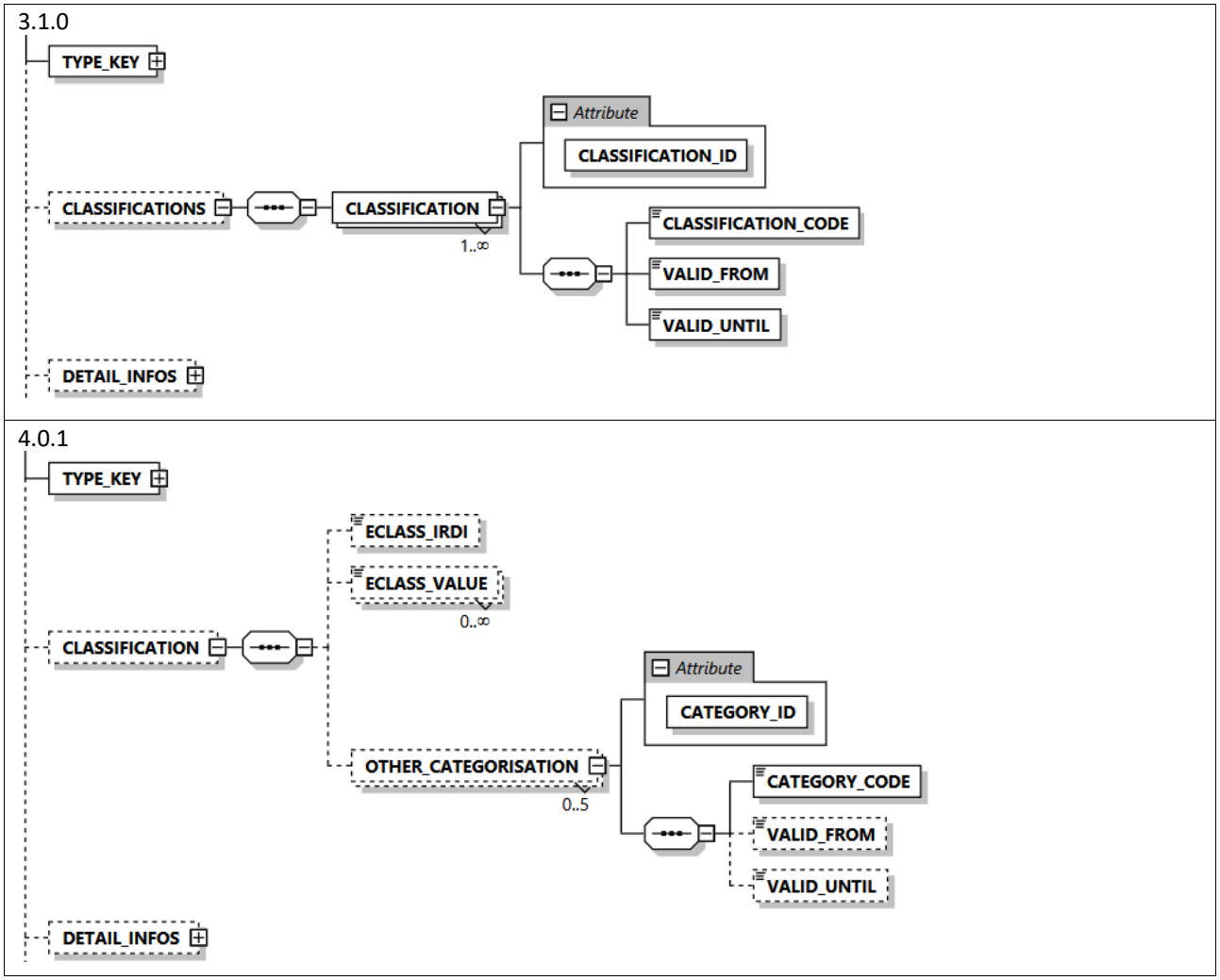
4.0.1

```
<xs:element name="TEXT">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:pattern value="[\p{L}\p{N}\p{P}\p{S}][\p{L}\p{N}\p{P}\p{S} ]{0,59}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

The pattern in the TEXT element below the complex type languagetext60 was created incorrectly in the last version, as it allowed 2-61-character texts in its original version. This has now been changed to 1-60-character texts.

11. Classification according to ECLASS

11.1. C New structure under CLASSIFICATION below ITEM Decision : 2023-02-09



The previous structure for maintaining classification information of several schemas is replaced by purely ECLASS-related and thus completely new elements. (see 12.4.) The complex type CLASSIFICATIONS is omitted. Under the remaining CLASSIFICATION there is now the complex type OTHER_CATEGORISATION under which further article categorisations for e.g. disposal law topics can be specified in parallel to the ECLASS classification. The structure is similar to the previous classification information.

OTHER_CATEGORISATION:

The element OTHER_CATEGORISATION is a complex type and optional.

Description in the documentation:

Standardised information on various categorisation schemes is stored in this element.

CATAGORY_ID:

The attribute CATEGORY_ID is of the type positive integer, can contain the values 1-5 and is mandatory.

Description in the documentation:

This attribute specifies the respective categorisation scheme. The values in the following list are available for selection:

ID	Categorisation scheme
1	Code Eco Mobilier
2	Ecosystem EEE
3	Free categorisation scheme
4	Free categorisation scheme
5	Free categorisation scheme

If the schema to be maintained is not included in the list, select an ID from 3 for free categorisation schema and agree with the data recipient what this stands for.

CATEGORY_CODE:

The element CATEGORY_CODE is of the type string and must be specified.

Description in the documentation:

This element contains the code for the category of the respective categorisation scheme to be assigned to the ITEM.

VALID_FROM:

The element VALID_FROM is of the type date and optional.

Description in the documentation:

This element indicates the date from which the category specification is valid.

VALID_UNTIL:

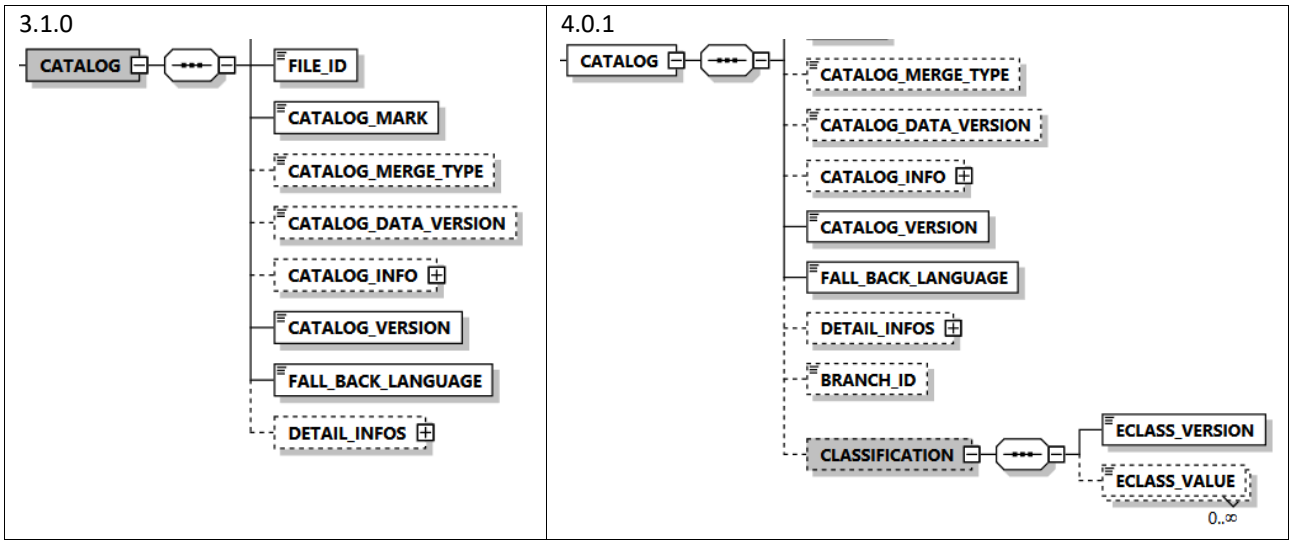
The element VALID_UNTIL is of type date and optional.

Description in the documentation:

This element indicates the date until which the category specification is valid.

```
<xs:element name="CLASSIFICATION" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ECLASS_IRDI" minOccurs="0">...</xs:element>
            <xs:element name="ECLASS_VALUE" type="xs:string" minOccurs="0" maxOccurs="unbounded">...</xs:element>
            <xs:element name="OTHER_CATEGORISATION" minOccurs="0" maxOccurs="5">
                <xs:annotation>...</xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="CATEGORY_CODE" type="xs:string">
                            <xs:annotation>...</xs:annotation>
                        </xs:element>
                        <xs:element name="VALID_FROM" type="xs:date" minOccurs="0">
                            <xs:annotation>...</xs:annotation>
                        </xs:element>
                        <xs:element name="VALID_UNTIL" type="xs:date" minOccurs="0">
                            <xs:annotation>...</xs:annotation>
                        </xs:element>
                    </xs:sequence>
                    <xs:attribute name="CATEGORY_ID" use="required">
                        <xs:annotation>...</xs:annotation>
                        <xs:simpleType>
                            <xs:restriction base="xs:positiveInteger">
                                <xs:minInclusive value="1"/>
                                <xs:maxInclusive value="5"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

11.2. A New optional complex Type CLASSIFICATION under CATALOG Decision : 2023-02-09



As the only classification scheme in the future, ECLASS will be maintained at various nodes in the IDM format. At the catalogue level, the ECLASS version valid for the entire catalogue is stored, as well as ECLASS features that apply to all articles in the catalogue.

CLASSIFICATION:

The optional element CLASSIFICATION below CATALOG is a complexType.

Description in the documentation:

This element is used to store the classification information at catalog level.

If the catalog contains only one classification, the ECLASS_VERSION must be specified.

Information at lower levels for the same properties overwrites the value specified at catalog level.

ECLASS_VERSION:

The element ECLASS_VERSION below CLASSIFICATION is of type integer and mandatory.

Description in the documentation:

The classification version is stored in this element.

Only the major no. of the version is specified.

ECLASS_VALUE:

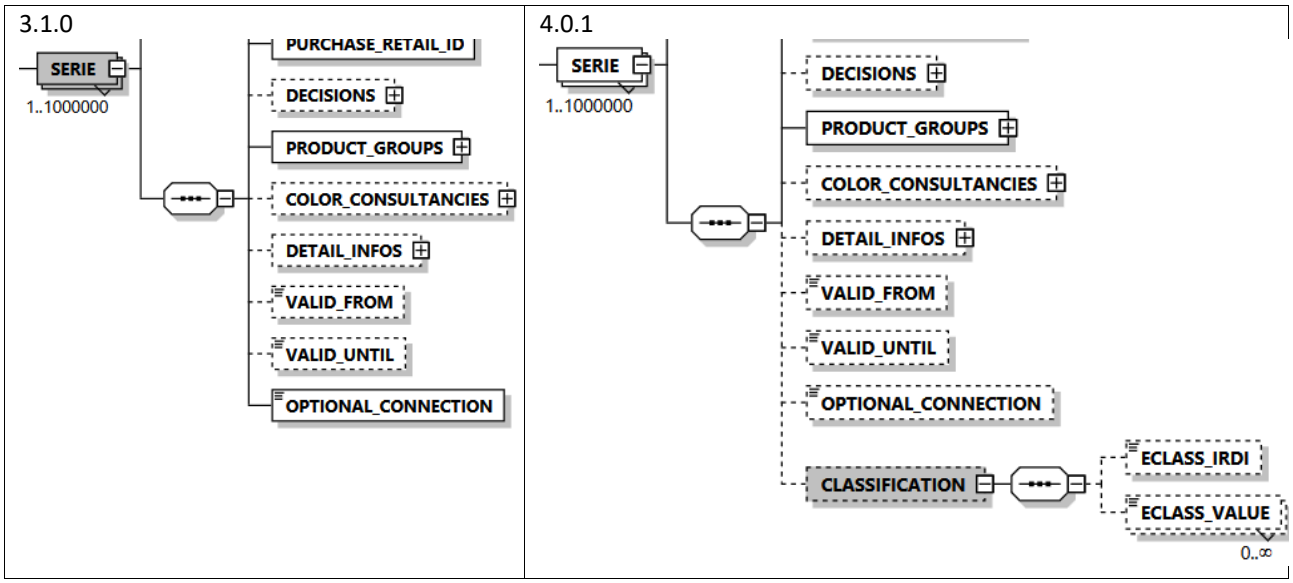
The optional element ECLASS_VALUE below CLASSIFICATION is of type string and can be created as often as desired.

Description in the documentation:

The values of the ECLASS property are stored in this element. For this purpose, the path along the multi-level property structure is specified. The underscore (_) serves as a separator.

```
<xs:element name="CLASSIFICATION" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ECLASS_VERSION">
                <xs:annotation>...</xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:integer">
                        <xs:pattern value=""/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="ECLASS_VALUE" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

11.3. A New optional complex Type CLASSIFICATION under SERIES Decision : 2023-02-09



As the only classification scheme in the future, ECLASS is maintained at various nodes in the IDM format. The ECLASS class and any number of ECLASS characteristics, which apply to all items in the series, are stored on the series.

CLASSIFICATION:

The optional element CLASSIFICATION below SERIES is a complexType.

Description in the documentation:

This element can be used to store classification information at series level.

Specifications at lower levels for the class or the same properties overwrites the value specified at series level.

ECLASS_IRDI:

The optional element ECLASS_IRDI below CLASSIFICATION is of type string and optional. The pattern restricts to the IRDI values possible for classes.

Description in the documentation:

This element stores the IRDI of the 4th level of the hierarchical ECLASS class structure.

ECLASS_VALUE:

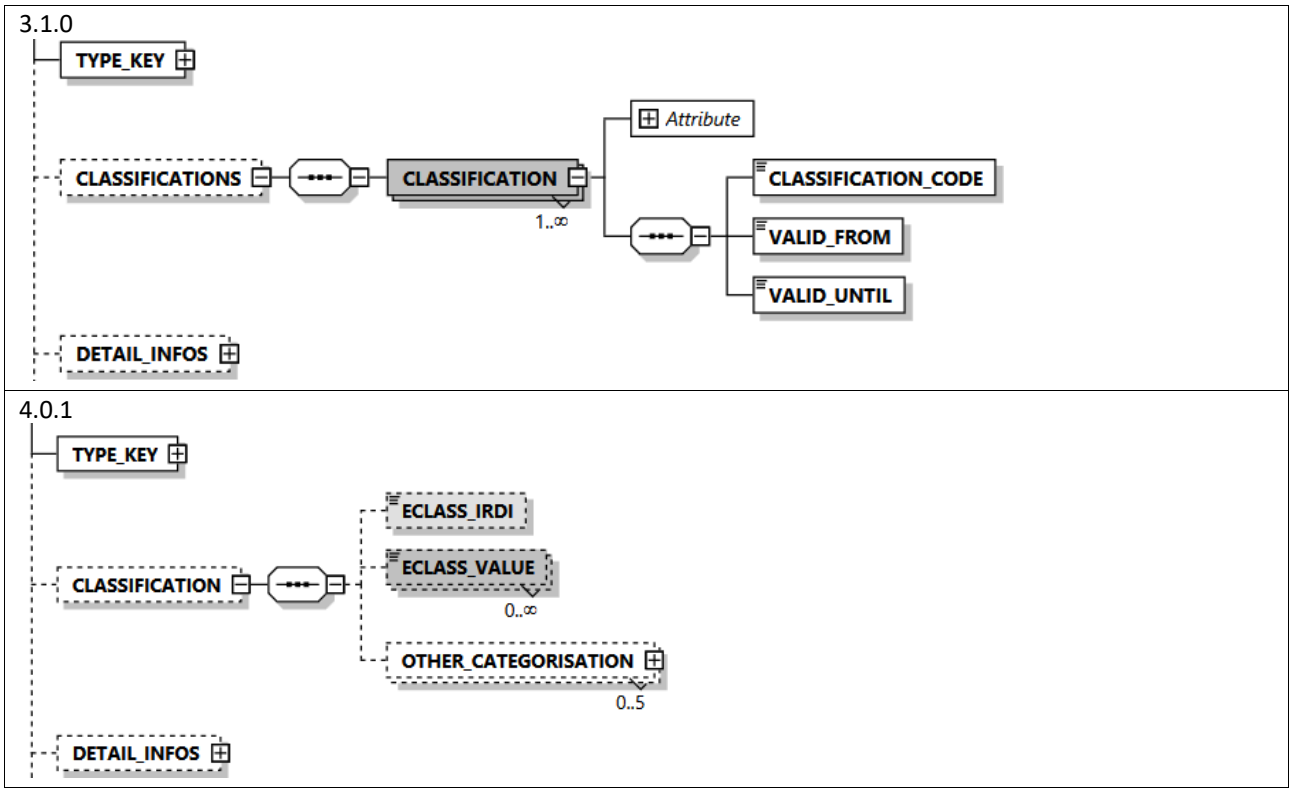
The optional element ECLASS_VALUE below CLASSIFICATION is of type string and can be created as often as desired.

Description in the documentation:

The values of the ECLASS property are stored in this element. For this purpose, the path along the multi-level property structure is specified. The underscore (_) serves as a separator.

```
<xs:element name="CLASSIFICATION" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ECLASS_IRDI" minOccurs="0">
                <xs:annotation>...</xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:pattern value="0173-1#01-[A-Z]{3}[0-9]{3}#[0-9]{3}"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="ECLASS_VALUE" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

11.4. A New elements under CLASSIFICATION below ITEM Decision : 2023-02-09



As the only classification scheme in the future, ECLASS will be maintained at various nodes in IDM format. The ECLASS class and any number of ECLASS characteristics are stored on the article.

CLASSIFICATION:

The optional element CLASSIFICATION below ITEM is a complexType.

Description in the documentation:

In this element, the classification information and categorisations are stored at item level.

Information on lower levels for the same ECLASS properties overwrites the value specified at item level.

ECLASS_IRDI:

The optional element ECLASS_IRDI below CLASSIFICATION is of type string. The pattern restricts to the IRDI values possible for classes.

Description in the documentation:

This element stores the IRDI of the 4th level of the hierarchical ECLASS class structure.

ECLASS_VALUE:

The optional element ECLASS_VALUE below CLASSIFICATION is of type string and can be created as often as desired.

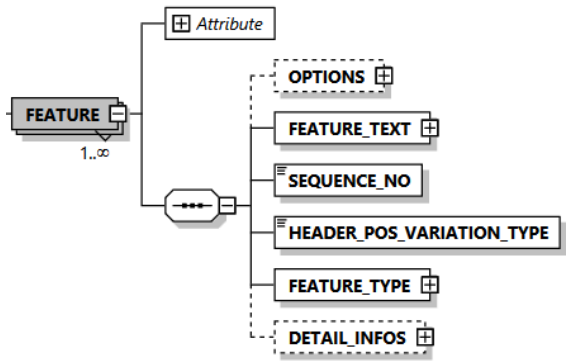
Description in the documentation:

The values of the ECLASS property are stored in this element. For this purpose, the path along the multi-level property structure is specified. The underscore (_) serves as a separator.

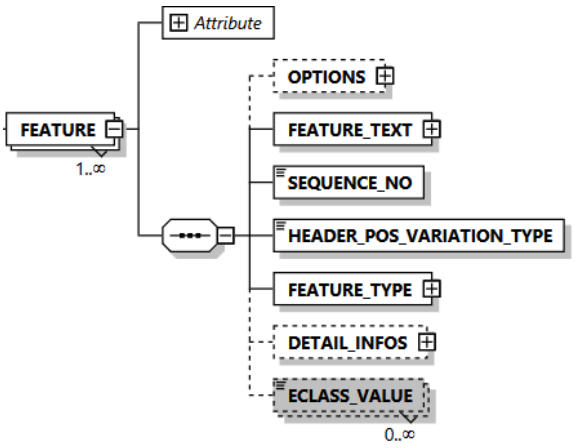
```
<xs:element name="CLASSIFICATION" minOccurs="0">
    <xs:annotation>...</xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ECLASS_IRDI" minOccurs="0">
                <xs:annotation>...</xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:pattern value="0173-1#01-[A-Z]{3}[0-9]{3}#[0-9]{3}"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="ECLASS_VALUE" type="xs:string" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>...</xs:annotation>
            </xs:element>
            <xs:element name="OTHER_CATEGORISATION" minOccurs="0" maxOccurs="5">...</xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

11.5. A New element ECLASS_VALUE under FEATURE Decision : 2023-02-09

3.1.0



4.0.1



As the only classification scheme in the future, ECLASS is maintained at various nodes in IDM format. Any number of ECLASS features are stored at the variant type.

ECLASS_VALUE:

The optional element ECLASS_VALUE below CLASSIFICATION is of type string and can be created as often as desired.

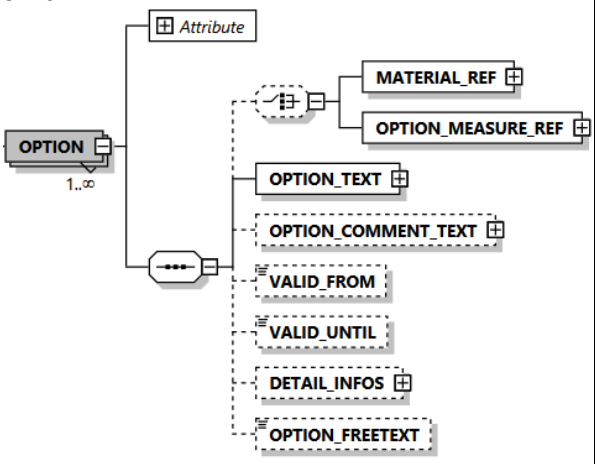
Description in the documentation:

The values of the ECLASS property are stored in this element. For this purpose, the path along the multi-level property structure is specified. The underscore (_) serves as a separator.

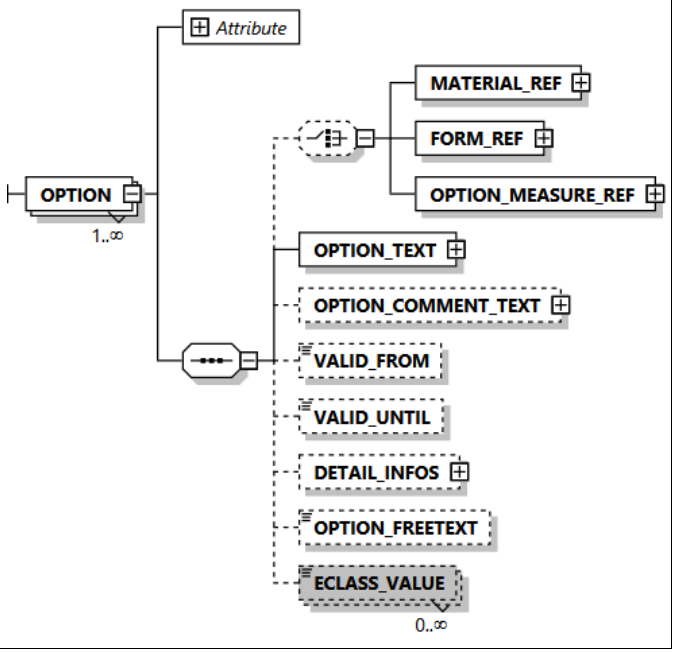
```
<xs:element name="ECLASS_VALUE" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>...</xs:annotation>
</xs:element>
```

11.6. A New element ECLASS_VALUE under OPTION Decision : 2023-02-09

3.1.0



4.0.1



As the only classification scheme in the future, ECLASS is maintained at various nodes in IDM format. Any number of ECLASS features can be stored at the variant.

ECLASS_VALUE:

The optional element ECLASS_VALUE below CLASSIFICATION is of type string and can be created as often as desired.

Description in the documentation:

The values of the ECLASS feature are stored in this element. For this purpose, the path along the multi-level feature structure is specified. The underscore (_) serves as a separator.

```
<xs:element name="ECLASS_VALUE" type="xs:string" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation> ... </xs:annotation>
</xs:element>
```

12. TYPE_NO without spaces at the beginning and end

12.1.	A	New pattern in element TYPE_NO under ITEM_REF below ITEM; OPTIONAL_ITEM_GROUP; MANDATORY_ITEM_GROUP; PART_LIST_POS; OPTION; FEATURE	Decision : 2023-02-09

3.1.0

```
<xs:attribute name="TYPE_NO" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="30"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

4.0.1

```
<xs:attribute name="TYPE_NO" use="required">
    <xs:annotation>...</xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="30"/>
            <xs:pattern value="\S(.{0,28}\S)?"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
```

The TYPE_NO attribute previously allowed all characters. With the new pattern, spaces at the beginning and end are excluded.

The TYPE_NO attribute has been changed in the following places in the format:

- T_NEW_CATALOG/SERIES/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/@TYPE_NO
- T_NEW_CATALOG/SERIES/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/ITEM_REF/@TYPE_NO
- T_NEW_CATALOG/SERIES/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/ADDITIONAL_ITEMS/OPTIONAL_ITEMS/OPTIONAL_ITEM_GROUP/ITEM_REF/@TYPE_NO
- T_NEW_CATALOG/SERIES/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/ADDITIONAL_ITEMS/MANDATORY_ITEMS/MANDATORY_ITEM_GROUP/ITEM_REF/@TYPE_NO
- T_NEW_CATALOG/PART_LISTS/PART_LIST/PART_LIST_POS/ITEM_REF/@TYPE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/FEATURES/FEATURE/OPTIONS/OPTION/DETAIL_INFO/DETAIL_INFO_REF/ITEM_REF/@TYPE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/FEATURES/FEATURE/DETAIL_INFO/DETAIL_INFO_REF/ITEM_REF/@TYPE_NO

13. Textual changes in the documentation Scheme and Magnet Planner

13.1. C Merging the features Decision : 2022-04-27

In 3.1.0

Freely defined version types are available from
Type: A = finish
F = colour
P = planning

Version_type	Version_type_text	Type	Remark/possible variations
1	Reference type	A	
2	Main reference type	A	
3	Main reference colour	F	
4	base cover material	A	
5	base cover colour	F	
6	back cover type	A	
7	back cover colour	F	
8	seam pattern	A	UNKNOWN TERM
9	Seat cushion type	A	
10	Seat cushion colour	F	
11	Decorative cushion type	A	soft, firm, round, rectangular, ...
12	Decorative cushion colour	F	
13	Contrast stitching type / variation	A	
14	Contrast stitching colour	F	
15	Foot height	A	
16	Foot material	A	Metal, timber, plastic, beech,. ..
17	Foot shape	A	metal runner, wooden runner, metal leg, wooden leg, castor, plastic glider
18	Foot colour	F	
19	chatose type	A	
20	chatose colour	F	
21	UNKNOWN TERM	A	
22	UNKNOWN TERM	F	
23	UNKNOWN TERM	A	
24	UNKNOWN TERM	F	
25	Side pocket type	A	
26	Side pocket colour	F	
27	material of piping	A	
28	colour of piping	F	
29	kind of bottom linen	A	
30	colour of bottom linen	F	
31	Zipper type	A	
32	Zipper colour	F	
33	Seat hardness, quality	A	with/without spring core, ...
34	Drive type	A	Nozzle, manual, gas pressure spring, motor plug-in, motor battery, do
35	Seat height	A	
36	Seat depth	A	
37	Seat width	A	
38	Back height	A	
39	Back cushion height	A	
40	Back cushion type	A	
41	Armrests/side element configuration	A	without, left, right, both sides, ...
42	Armrests/side element type	A	
43	Side element adjustment	A	
44	Headrest type	A	movable, fixed, neck rest, ...
45	Headrest colour	F	

A = Added = Adding new elements or attributes
C = Changed = Changes to existing elements, attributes or descriptive texts.
R = Removed = Deletion of elements or attributes
F = Fixed = Error corrections to existing elements, attributes or descriptive texts.

46	lower front part	A	floor level, floor-free
47	Fabric combination	K	
48	Fire / flame retardant	A	
49	Resting area type	A	
50	Resting area colour	F	
51	Country version	A	
52	Crossways sleepers	A	
53	Seat angle adjustment	A	
54	Seat depth adjustment	A	Mechanical, electrical, gas spring, ...
55	Backrest adjustment	A	Mechanical, electrical, gas spring, ...
56	Footrest adjustment	A	Mechanical, electrical, gas spring, ...
57	Massage function	A	
58	Seat heating	A	
59	Lumbar support	A	
60	Swivel base	A	
61	Stand-up aid	A	Mechanical, electrical, gas spring, ...
62	Folding table	A	
63	plug-in table	A	
64	Pull-out table	A	
65	Cupholder	A	
66	Headboard	A	Shape 1, shape 2 etc., headboard shortening at a surcharge, without K
67	Headboard fabric	A	
68	Throw-over	A	short, half-length, full length, shroud
69	Day cover fabric	A	
70	Lying surface	A	160x200, 180x200, 200x200 at a surcharge, other lengths at a surcharge
71	Bedding box	A	standard, inserting mechanism, highline etc.
72	Bedding box upholstery	A	
73	Slatted base	A	Standard or alternatives at a surcharge, separate slats if appropriate
74	Mattress	A	Standard or alternatives at a surcharge >> firmness level H2
75	Handles (for bedside tables)	F	
76	Bedside tables	A	Drawer with plastic or metal rails
77	Lamp colour and finish	A	
78	Knob cover	F	
79	Slatted base adjustment	A	Mechanical, electrical, gas spring, multiple, ...
80	Function/adjustment in general	A	
81	freely defined version type	F	
82	freely defined version type	F	
83	freely defined version type	F	
84	freely defined version type	F	
85	freely defined version type	F	
86	freely defined version type	F	
87	freely defined version type	F	
88	freely defined version type	F	
89	Connection type L	P	ID of the connection vector in the SVG: AVL
90	Connection type R	P	ID of the connection vector in the SVG: AVR
91	freely defined version type	P	
92	freely defined version type	P	
93	freely defined version type	P	
94	freely defined version type	P	
95	Planning width	P	Item width
96	Planning depth	P	Item depth

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97	Planning height	P	Item height
98	Drive position	A	
99	Table colour	F	
100	Head-section adjustment	A	
101	Relax function	A	
102	Vitalising function	A	
103	Power source/motor	A	
104	Accessories	A	
105	Top table	A	
106	Back holder	A	
107	Slot-in back	A	
108	Intermediate table	A	
109	Newspaper rack	A	
110	Swivel function	A	
111	Reading lamp	A	
112	Decorative item	A	
150	freely defined version type	P	
151	freely defined version type	P	
152	freely defined version type	P	
153	freely defined version type	P	
154	freely defined version type	P	
155	freely defined version type	P	
160	Connection type top 1	P	ID of the connection vector in the SVG: AVO1
161	Connection type top 2	P	ID of the connection vector in the SVG: AVO2
162	Connection type top 3	P	ID of the connection vector in the SVG: AVO3
163	Connection type top 4	P	ID of the connection vector in the SVG: AVO4
164	Connection type top 5	P	ID of the connection vector in the SVG: AVO5
165	Connection type bottom 1	P	ID of the connection vector in the SVG: AVU1
166	Connection type bottom 2	P	ID of the connection vector in the SVG: AVU2
167	Connection type bottom 3	P	ID of the connection vector in the SVG: AVU3
168	Connection type bottom 4	P	ID of the connection vector in the SVG: AVU4
169	Connection type bottom 5	P	ID of the connection vector in the SVG: AVU5
170	Connection type top 6	P	ID of the connection vector in the SVG: AVO6
171	Connection type top 7	P	ID of the connection vector in the SVG: AVO7
172	Connection type top 8	P	ID of the connection vector in the SVG: AVO8
173	Connection type top 9	P	ID of the connection vector in the SVG: AVO9
174	Connection type top 10	P	ID of the connection vector in the SVG: AVO10
175	Connection type bottom 6	P	ID of the connection vector in the SVG: AVU6
176	Connection type bottom 7	P	ID of the connection vector in the SVG: AVU7
177	Connection type bottom 8	P	ID of the connection vector in the SVG: AVU8
178	Connection type bottom 9	P	ID of the connection vector in the SVG: AVU9
179	Connection type bottom 10	P	ID of the connection vector in the SVG: AVU10
180	Connection type north 1	P	ID of the connection vector in the SVG: AVN1
181	Connection type north 2	P	ID of the connection vector in the SVG: AVN2
182	Connection type north 3	P	ID of the connection vector in the SVG: AVN3
183	Connection type north 4	P	ID of the connection vector in the SVG: AVN4
184	Connection type north 5	P	ID of the connection vector in the SVG: AVN5
185	Connection type north 6	P	ID of the connection vector in the SVG: AVN6
186	Connection type north 7	P	ID of the connection vector in the SVG: AVN7
187	Connection type north 8	P	ID of the connection vector in the SVG: AVN8
188	Connection type north 9	P	ID of the connection vector in the SVG: AVN9
189	Connection type north 10	P	ID of the connection vector in the SVG: AVN10
190	Connection type south 1	P	ID of the connection vector in the SVG: AVS1
191	Connection type south 2	P	ID of the connection vector in the SVG: AVS2
192	Connection type south 3	P	ID of the connection vector in the SVG: AVS3
193	Connection type south 4	P	ID of the connection vector in the SVG: AVS4
194	Connection type south 5	P	ID of the connection vector in the SVG: AVS5

A = Added = Adding new elements or attributes
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F = Fixed = Error corrections to existing elements, attributes or descriptive texts.

195	Connection type south 6	P	ID of the connection vector in the SVG: AVS6
196	Connection type south 7	P	ID of the connection vector in the SVG: AVS7
197	Connection type south 8	P	ID of the connection vector in the SVG: AVS8
198	Connection type south 9	P	ID of the connection vector in the SVG: AVS9
199	Connection type south 10	P	ID of the connection vector in the SVG: AVS10
200	freely defined version type	F	
201	freely defined version type	F	
202	freely defined version type	F	
203	freely defined version type	F	
204	freely defined version type	F	
205	freely defined version type	F	
206	freely defined version type	F	
207	freely defined version type	F	
208	freely defined version type	F	
209	freely defined version type	F	
210	freely defined version type	F	
211	fabric requirement	A	in linear metres
212	leather requirement	A	in m²

In 4.0.1

Feature	Feature text	Type	Remark/possible variations
1	programme	O	Program as feature
100	front version	O	
101	front colour 1	C	Infill with smooth front panel = full surface
102	front colour 2	C	Frame
103	front colour 3	C	Pilaster strips
104	edge colour front	C	
105	front combination	O	If only one key is specified for multiple front information.
106	front panel group	O	Overwrites the FRONT_GROUP_NO in FEATURE_DEFINITION/OPTION_DEFINITION/STYLE
110	front version trim 1	O	
111	front colour 1 trim 1	C	Infill with smooth front panel = full surface
112	front colour 2 trim 1	C	Frame
113	front colour 3 trim 1	C	Pilaster strips
114	front edge colour 1	C	
115	front combination trim 1	O	May contain options 111 to 114
120	front version trim 2	O	
121	front colour 1 trim 2	C	Infill with smooth front panel = full surface
122	front colour 2 trim 2	C	Frame
123	front colour 3 trim 2	C	Pilaster strips
124	front edge colour 2	C	
125	front combination trim 2	O	May contain options 121 to 124
150	glass finish	O	
151	glass colour	C	
152	lattice finish	O	
153	lattice colour	C	
154	glass door frame finish	O	
155	glass door frame colour	C	
160	roller shutter finish	O	
161	roller shutter colour	C	
170	scoop finish	O	
171	scoop colour	C	
200	carcase finish	O	

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F = Fixed = Error corrections to existing elements, attributes or descriptive texts.

200	carcase finish	O	
201	carcase combination	O	If only one key is available for multiple carcase colours - inside/outside.
202	carcase colour outside	C	
203	carcase colour inside	C	
204	edge finish carcase	O	
205	edge colour carcase	C	
206	visible side finish	O	
207	visible side colour	C	
208	carcase colour inside for glass	C	Glass cabinets and open cupboards, that are not shelving units
209	carcase design inside for glass	O	Glass cabinets and open cupboards, that are not shelving units
300	handle finish	O	
301	handle base colour	C	Handle, button base or main colour
302	handle bar colour	C	Temple, bridge and button trim colour
303	handle combination	O	If only one key is specified for multiple handle conditions.
304	handle positions	O	
400	Plinth finish	O	
401	Plinth colour	C	
402	Plinth height	M	
410	Plinth base finish	O	
411	Plinth base colour	C	
500	shelf units finish	O	
501	shelf units colour	C	
502	wreath profile finsih	O	Includes shape and material
503	wreath profile colour	C	
504	light strip finish	O	Includes shape and material
505	light strip colour	C	
506	ceiling panel finish	O	
507	ceiling panel colour	C	
508	bottom cupboard skirting boa	O	
509	bottom cupboard skirting boa	C	
510	top shelf finish	O	
511	top shelf colour	C	
512	top shelf edge finish	O	
513	top shelf edge colour	C	
514	shelf finish	O	
515	shelf colour	C	
516	shelf edge finish	O	
517	shelf edge colour	C	
520	modular panels/bar finish	O	
521	modular panes/bars colour	C	
522	panel edge finish	O	
523	panel edge colour	C	
524	bottom panel finish	O	
525	bottom panel colour	C	
526	bottom panel edge finish	O	
527	bottom panel edge colour	C	
550	niche finish	O	
551	niche colour	C	
560	accessories for niches finish	O	
561	accessories for niches colour	C	
562	pilaster finish	O	
563	pilaster colour	C	
564	pilaster edge finish	O	
565	pilaster edge colour	C	
570	profiled board finish	O	

A = Added = Adding new elements or attributes
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R = Removed = Deletion of elements or attributes
F = Fixed = Error corrections to existing elements, attributes or descriptive texts.

571	profiled board colour	C	
600	worktop finish	O	
601	worktop colour	C	
602	worktop edge finish	O	
603	worktop edge colour	C	
604	bar top finish	O	
605	bar top colour	C	
606	bar top edge finish	O	
607	bar top edge colour	C	
620	cover plate finish	O	
621	cover plate colour	C	
622	cover plate edge finish	O	
623	cover plate edge colour	C	
624	table attachment finish	O	
625	table attachment colour	C	
626	table attachment edge finish	O	
627	table attachment edge colour	C	
650	wall closure profile finish	O	
651	wall closure profile colour	C	
700	drawer finish	O	
701	drawer colour	C	
702	pull-out finish	O	
703	pull-out colour	C	
750	worktop shape	O	
751	cornice form	O	
752	light strip form	O	
753	plinth form	O	
754	wall closure profile form	O	
755	cover plate form	O	
756	bar top form	O	
800	electrical appliances finish	O	
801	electrical appliances colour	C	
802	eectrical appliance accessorie	C	
850	sinks finish	O	
851	sinks colour	C	
852	sink accessories colour	C	
853	mixer tabs colour	C	
854	mixer tabs finish	O	
900	general accessories finish	O	
901	general accessories colour	C	
930-999	free definied feature		
1001	cover	O	
1002	main cover type	O	
1003	main cover colour	C	
1004	contrasting cover finish	O	
1005	contrasting cover colour	C	
1006	back cover type	O	
1007	back cover colour	C	
1008	back pattern	O	with/without indent, with/without quilting etc.
1009	seat cushion version	O	
1010	seat cushion colour	C	
1011	decorative pillow implementa	O	loose, firm, round, rectangular, ...
1012	decorative pillow colour	C	
1013	contrasting thread implement	O	
1014	contrasting thread colour	C	
1015	leg height	M	
1016	leg material	O	metal, wood, plastic, beech, ...

A = Added = Adding new elements or attributes
C = Changed = Changes to existing elements, attributes or descriptive texts.
R = Removed = Deletion of elements or attributes
F = Fixed = Error corrections to existing elements, attributes or descriptive texts.

1017	leg version	O	runner, rail, single leg, castors, glides, ...
1018	leg colour	C	
1019	wood/chatose finish	O	
1020	wood-/chatose colour/-stain s	C	
1021	trimmings finish	O	
1022	trimmings colour	C	
1023		O	
1024		C	
1025	side pocket finish	O	
1026	side pocket colour	C	
1027	piping finish	O	
1028	piping colour	C	
1029	drill finish	O	
1030	drill colour	C	
1031	zip finish	O	
1032	zip colour	C	
1033	seat firmness, -quality	O	with/without spring core, ...
1034	type of drive	O	loop, manually, gas spring, motor power grid, motor battery pack
1035	seat height	M	
1036	seat depth	M	
1037	seat width	M	
1038	back height	M	
1039	back cushion height	M	
1040	back cushion version	O	
1041	armpart arrangement	O	without, left, right, twice, ...
1042	armpart version	O	
1043	armpart adjustment	O	
1044	headrest version	O	loose, fixed, neck support
1045	headrest colour	C	
1046	chatose version	O	on-the-floor, off-the-floor
1047	fabrics combination	O	
1048	fire protection/flame-retarda	O	
1049	bed surface finish	O	
1050	bed surface colour	C	
1051	country version	O	
1052	cross sleeper	O	
1053	seat tilt adjustment	O	
1054	seat depth adjustment	O	mechanic, electromotive, gas spring, ...
1055	back adjustment	O	mechanic, electromotive, gas spring, ...
1056	legrest adjustment	O	mechanic, electromotive, gas spring, ...
1057	massage function	O	
1058	seat heating	O	
1059	lordosis support	O	
1060	swivel base	O	
1061	stand-up assistance	O	mechanic, electromotive, gas spring, ...
1062	folding table	O	
1063	plug-in table	O	
1064	extending table	O	
1065	cupholder	O	
1066-1067	free definied feature		
1068	bedspread	O	short, halflength, long, hood
1069	bedspread cover	O	
1070	bed surface	M	160x200, 180x200, 200x200 etc., special length against surcharge
1071	bed base	O	standard, insertion device, highline, etc.

A = Added = Adding new elements or attributes
C = Changed = Changes to existing elements, attributes or descriptive texts.
R = Removed = Deletion of elements or attributes
F = Fixed = Error corrections to existing elements, attributes or descriptive texts.

1072	bed base cover	O	
1073	slatted frame	O	standard or alternatives against surcharge, If necessary, insert slats
1074	mattress	O	standard or alternatives against surcharge >> degree of hardness H2,
1075	handles (for bedside tables)		
1076	beside tables	O	drawer with plastic or metal guide
1077	lamp colour and finish	C	
1078	knob cover	O	
1079	slatted frame adjustment	O	mechanic, electromotive, gas spring, multiple
1080	function/adjustment in gener	O	
1081-1088	free definied feature		
1089	connecting type L	O	
1090	connecting type R	O	
1091-1094	free definied feature		
1095	planning width	M	width of the article
1096	planning depth	M	depth of the article
1097	planning height	M	height of the article
1098	drive position	O	
1099	free definied feature		
1100	headrest adjustment/flexible	O	
1101	relax function	O	
1102	vital function	O	
1103	power source/motor	O	
1104	accessories	O	
1105	support table	O	
1106	back holder	O	
1107	plug-in backrest	O	
1108	intermediate table	O	
1109	magazine holder	O	
1110	swivel function	O	
1111	reading lamp	O	
1112	decorative item	O	
1150-1155	free definied feature		
1160	connecting type top 1	O	ID of the connection vector in the SVG: AVO1
1161	connecting type top 2	O	ID of the connection vector in the SVG: AVO2
1162	connecting type top 3	O	ID of the connection vector in the SVG: AVO3
1163	connecting type top 4	O	ID of the connection vector in the SVG: AVO4
1164	connecting type top 5	O	ID of the connection vector in the SVG: AVO5
1165	Connection type bottom 1	O	ID of the+D127:D161 connection vector in the SVG: AVU1
1166	Connection type bottom 2	O	ID of the connection vector in the SVG: AVU2
1167	Connection type bottom 3	O	ID of the connection vector in the SVG: AVU3
1168	Connection type bottom 4	O	ID of the connection vector in the SVG: AVU4
1169	Connection type bottom 5	O	ID of the connection vector in the SVG: AVU5
1170	Connection type top 6	O	ID of the connection vector in the SVG: AVO6
1171	Connection type top 7	O	ID of the connection vector in the SVG: AVO7
1172	Connection type top 8	O	ID of the connection vector in the SVG: AVO8
1173	Connection type top 9	O	ID of the connection vector in the SVG: AVO9
1174	Connection type top 10	O	ID of the connection vector in the SVG: AVO10
1175	Connection type bottom 6	O	ID of the connection vector in the SVG: AVU6
1176	Connection type bottom 7	O	ID of the connection vector in the SVG: AVU7
1177	Connection type bottom 8	O	ID of the connection vector in the SVG: AVU8
1178	Connection type bottom 9	O	ID of the connection vector in the SVG: AVU9

A = Added = Adding new elements or attributes
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F = Fixed = Error corrections to existing elements, attributes or descriptive texts.

1179	Connection type bottom 10	O	ID of the connection vector in the SVG: AVU10
1180	Connection type north 1	O	ID of the connection vector in the SVG: AVN1
1181	Connection type north 2	O	ID of the connection vector in the SVG: AVN2
1182	Connection type north 3	O	ID of the connection vector in the SVG: AVN3
1183	Connection type north 4	O	ID of the connection vector in the SVG: AVN4
1184	Connection type north 5	O	ID of the connection vector in the SVG: AVN5
1185	Connection type north 6	O	ID of the connection vector in the SVG: AVN6
1186	Connection type north 7	O	ID of the connection vector in the SVG: AVN7
1187	Connection type north 8	O	ID of the connection vector in the SVG: AVN8
1188	Connection type north 9	O	ID of the connection vector in the SVG: AVN9
1189	Connection type north 10	O	ID of the connection vector in the SVG: AVN10
1190	Connection type south 1	O	ID of the connection vector in the SVG: AVS1
1191	Connection type south 2	O	ID of the connection vector in the SVG: AVS2
1192	Connection type south 3	O	ID of the connection vector in the SVG: AVS3
1193	Connection type south 4	O	ID of the connection vector in the SVG: AVS4
1194	Connection type south 5	O	ID of the connection vector in the SVG: AVS5
1195	Connection type south 6	O	ID of the connection vector in the SVG: AVS6
1196	Connection type south 7	O	ID of the connection vector in the SVG: AVS7
1197	Connection type south 8	O	ID of the connection vector in the SVG: AVS8
1198	Connection type south 9	O	ID of the connection vector in the SVG: AVS9
1199	Connection type south 10	O	ID of the connection vector in the SVG: AVS10
1200-1210	free definied feature for other connection types		the number range is reserved for possible further connection types
1211	fabric requirement	M	in running metres
1212	leather requirement	M	in m²
2000	model number	O	
2001	hinge	O	
2010	front interior colour	C	
2011	front height	M	
2012	front width	M	
2100	back panel finish	O	
2101	back panel colour	C	
2102	carcase finish back side for room divider	O	for room divider
2103	carcase colour back side for room divider	C	for room divider
2110	garment rail finish	O	
2111	garment rail colour	C	
2140	tabletop finish	O	for tables
2141	tabletop colour	C	for tables
2142	table edge finish	O	for tables
2143	table edge colour	C	for tables
2144	table frame finish	O	for tables
2145	table frame colour	C	for tables
2146	baseplate finish	O	for tables
2147	baseplate colour	C	for tables
2148	height adjustment	O	for tables
2149	pull-outs	O	for tables
2150	inserts	O	for tables
2151	insert finish	O	for tables
2152	insert colour	C	for tables
2153	maximum length extending shelf	M	for tables
2160	bedstead finish	O	
2161	bedstead colour	C	
2162	bed frame finish	O	
2163	bed frame colour	C	

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2164	head board finish	O	
2165	head board colour	C	
2166	head board fabric	O	
2167	head board fabric colour	C	
2168	foot board finish	O	
2169	foot board colour	C	
2170	foot board fabric	O	
2171	foot board fabric colour	C	
2200	Handle 2 finish	O	
2201	handle base colour 2	C	Handle, button base or main colour
2202	handle bar colour 2	C	Temple, bridge and button trim colour
2203	handle combination 2	O	If only one key is given for several handle conditions.
2204	handle position 2	O	
2205	handle 3 finish	O	
2206	handle base colour 3	C	Handle, button base or main colour
2207	handle bar colour 3	C	Temple, bridge and button trim colour
2208	handle combination 3	O	If only one key is given for several handle conditions.
2209	handle position 3	O	
2300-2999	free definied feature		

The old variant types 1-212 are accommodated in the new number range 1001-1212. Before and behind them are the variant types of the former IDMW format. In terms of content, only little has changed for the upholstery area. The variant types marked in red in the list of version IDMP 3.1.0 have been deleted or combined. The number ranges for free variant types have been displayed in one line to make the list in the introduction somewhat clearer.

13.2. C Merging the model codes Decision : 2022-09-06

3.1.0

Type no.:	Designation (English)
1	Floor cupboard
2	Tal cupboard
3	Hanging/wall cupboard
4	Work-top mounted cupboard
5	Recess kit
6	Highboard/ Intermediate element
7	Corner / trapezoidal element
8	Single daybed / recamiere / otoman / cheselon / chaiselounge
9	Stool/ Front element
10	Cushions
11	Cornice profile
12	Pelmet
13	Top facing
14	Plinth filler
15	End unit/Plinth board
16	Bench, dining table bench, dining sofa, ...
17	Work-top
18	Wall end moulding
19	Covering plate
20	Canopy
21	Over shelf
22	Construction shelf
23	Sofa beds / sofa bed systems/Chimney
24	Sofa bed frames/Chimney
25	Metrage
26	Miscellaneous/Appliance

4.0.1

Type No.	Designation (English)
1	Club chair
2	TV armchair/recliner/reclining armch
3	Lounge chair
4	Sofa / chaise
5	Middle element
6	Corner
7	Divan / recamiere / ottoman / ... / chai
8	Footstool
9	Cushion
10	Coffee table / occasional tables / tray
11	Dining table
13	Combinations
14	End element
15	Bed sofa / bed couch / divan sofa / bed
18	Foot bench
19	Headrests
21	Carpets
25	Metrage
1010	carcase unit
1020	wardrobe/cabinet
1030	Display cabinet
1040	Shelf
1050	Highboard/sideboard/dressers/buffets /lowboard
1060	TV, audio, media furniture
1070	Front
1080	shelf system unit
1090	console table/chest/dressing table/makeup table
1100	Coffee table/side table
1110	Dining table
1120	desk

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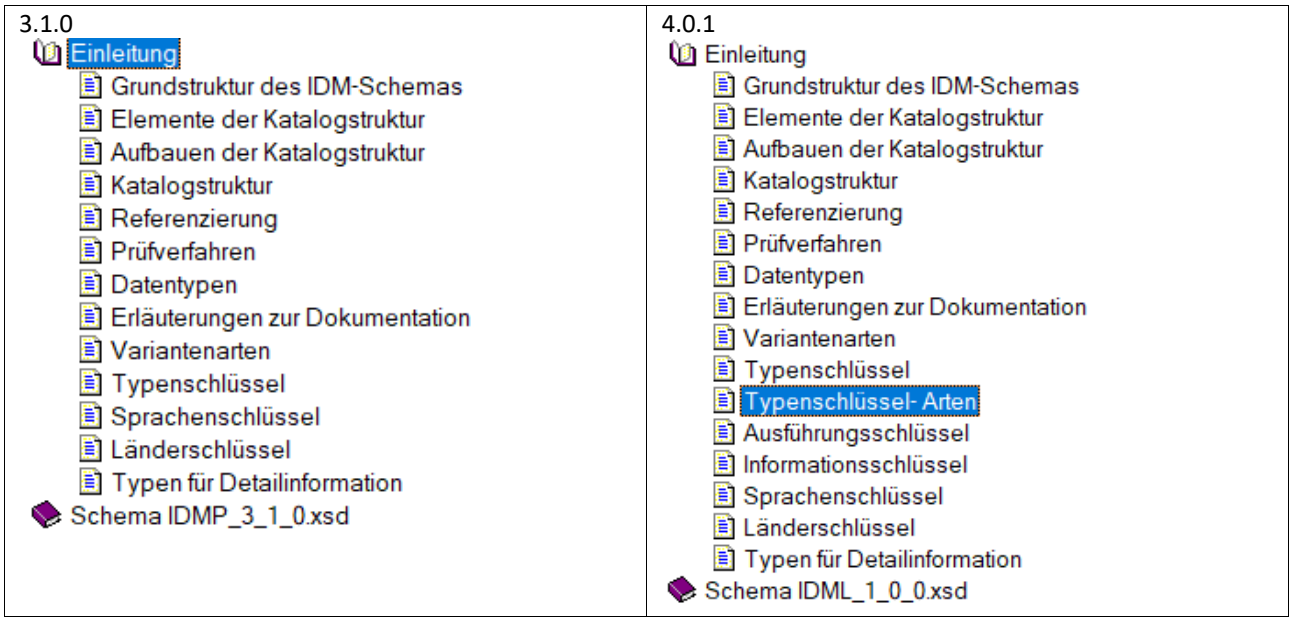
1130	secretary desk
1140	Chair
1150	Stool/bar stool
1160	Corner bench/bench
1170	Children-/play furniture/changing unit/-table/changing top
1180	Bed
1190	Mattress/slatted frame/set
1200	Beside table
1210	Rolling storage cabinet/storage cabinet
1220	Bar counter equipment/home bar furniture
1230	hallway furniture
1240	shoe storage cabinets
1250	Blanket boxes/trunks
1260	Mirror
1270	Panel
1280	Plinth/pedestal
1290	cover top
1300	Cornice/cornice profile/passepartout
1310	Lighting
1320	Combination/set
1330	compensating profile/unit
1340	Extras
1350	Other

The type codes from the IDMW format are adopted. Due to duplications, the type codes 12,16,17,20,22,23,24 and 26 from the former IDMP are omitted. These can be partially maintained in the 2nd level of article typing, the type key types.

13.3. A Model code types from IDMW are added in the introduction Decision : 2022-01-27



The type key types from the IDMW format are adopted unchanged.

Nr.	Type	Assignment
0	all	
100	hinged door	1010;1020;1030;1050;1060;1070;1090;1230;1240
110	folding door	1010;1020;1030;1050;1060;1070;1090;1230;1240
120	slinding door	1010;1020;1030;1050;1060;1070;1090;1230;1240
130	drawer	1010;1020;1030;1050;1060;1070;1090;1230;1240
140	flap	1010;1020;1030;1050;1060;1070;1090;1230;1240
150	pull-out	1010;1020;1030;1050;1060;1070;1090;1230;1240
160	different front types	1010;1020;1030;1050;1060;1070;1090;1230;1240
170	slat/roller shutter/lamellas	1010;1020;1030;1050;1060;1070;1090;1230;1240
200	inner drawer	1340
210	inner compartment	1340
220	interior division	1340
230	wardrobe extras (hanging rail, laundry basket...)	1340
240	boxes/receiver	1340
250	TV	1340
260	others	1340
300	side uprights	1080
310	shelf	1080
320	bottom shelf	1080

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F = Fixed = Error corrections to existing elements, attributes or descriptive texts.

330	board	1080:1340
340	rear wall	1080;1120;1340
400	tabletop	1100;1110;1120;1340
410	table frames	1100;1110;1120;1340
420	plug-in panel/insert	1100;1110;1120;1340
430	4-legged table/frame	1100;1110;1120;1340
440	pedestal tables/frame	1100;1110;1120;1340
450	C-pedestal	1120;1340
460	A-pedestal	1100;1110;1120;1340
470	T-pedestal	1100;1110;1120;1340
500	dining chair/stackable chair	1140
510	castor chairs, chair with wheels	1140
520	child's chair	1140;1170
600	bed frame/headboard/foot end	1180
610	loft bed/high sleeper bed/bunk bed	1170;1180
620	toddler bed/cot bed	1170;1180
630	box spring bed	1180
640	day bed/guest bed/folding bed	1180
650	fold-down bed/wall folding bed	1180
660	waterbed	1180
670	upholstered bed	1180
700	bench padding	1340
710	handles	1340
720	small parts	1340
800	prefered combination	1320
810	suggested combination	1320

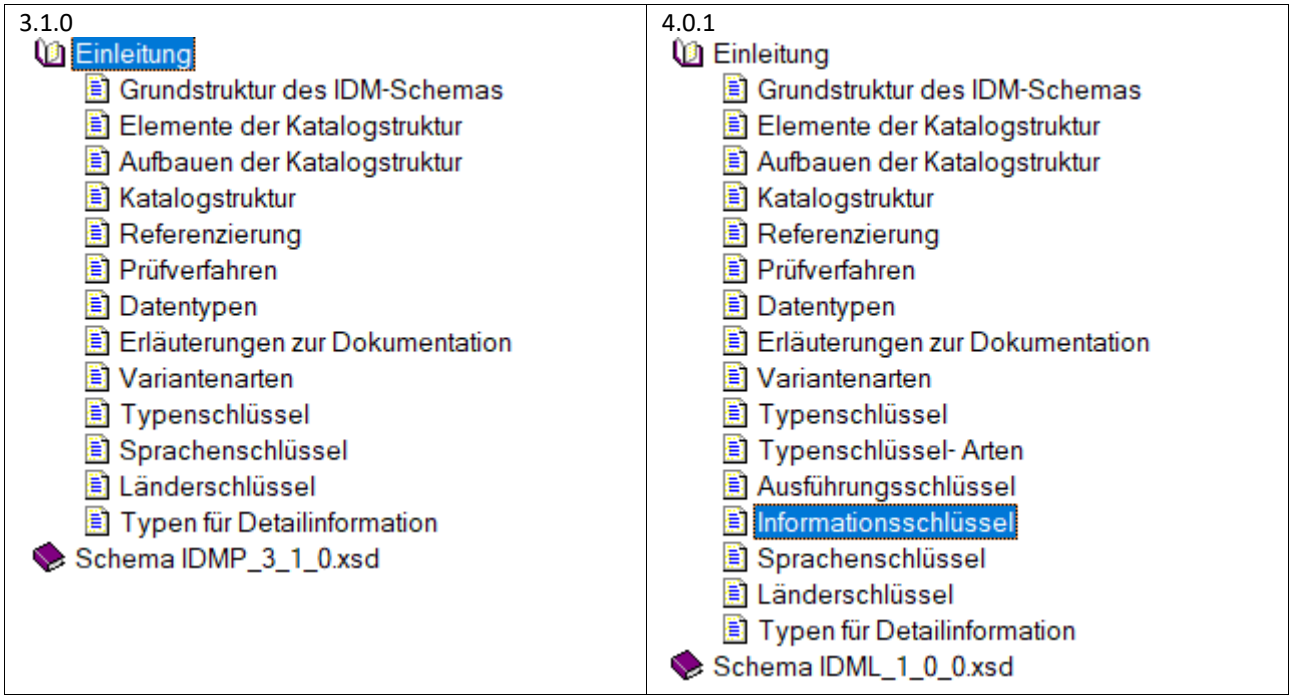
13.4. A Variation codes from IDMW are added in the introduction Decision : 2022-01-27

3.1.0	4.0.1
Einleitung Grundstruktur des IDM-Schemas Elemente der Katalogstruktur Aufbauen der Katalogstruktur Katalogstruktur Referenzierung Prüfverfahren Datentypen Erläuterungen zur Dokumentation Variantenarten Typenschlüssel Sprachenschlüssel Länderschlüssel Typen für Detailinformation Schema IDMP_3_1_0.xsd	Einleitung Grundstruktur des IDM-Schemas Elemente der Katalogstruktur Aufbauen der Katalogstruktur Katalogstruktur Referenzierung Prüfverfahren Datentypen Erläuterungen zur Dokumentation Variantenarten Typenschlüssel Typenschlüssel- Arten Ausführungsschlüssel Informationsschlüssel Sprachenschlüssel Länderschlüssel Typen für Detailinformation Schema IDML_1_0_0.xsd

The execution keys from the IDMW format are taken over unchanged.

No.	Version
00	all
01	single unit
02	basic unit/starter unit
03	extension unit
04	corner unit
05	intermediate unit
06	top unit
07	hanging unit
08	bottom part

13.5. A Information keys are added in the introduction Decision : **2022-01-27**



Since the list of information keys could not yet be completely revised, the parts that could also be used for living were first taken from the kitchen docu. The values 1000-1999 represent properties relevant to upholstery and living room furniture.

Property no.	Designation	Description	Unit of measure Value
Information for electric lamps and lights			
240	ENERGY_EFFICIENCY_CLASS	the energy efficiency class according to table 18	A … G
241	WEIGHTED_ENERGY_CONSUMPTION	Weighted energy consumption (EC) in kWh/1 000 hours rounded up to the next whole number	kWh per 1000 hours numeric
242	ENERGY_EFFICIENCY_CLASS_COMPATIBILITY	Energy efficiency classes of user-replaceable lamps with which the luminaire is compatible in accordance	A … G

		with the state of the art compatibility requirements	
243	ENERGY_EFFICIENCY_CLASS_N_COMPATIBILITY	Energy efficiency classes of lamps with which the luminaire is not compatible according to the state of the art compatibility requirements.	A ... G
244	ENERGY_EFFICIENCY_CLASS_LED	Energy efficiency classes for LED modules that are not intended to be removed by the end user	A ... G
245	ENERGY_EFFICIENCY_CLASS_INCLUDED	Energy efficiency classes for luminaire operated with lamps that can be replaced by the end-user and are included in the packaging of the luminaire	A ... G
Information for TV sets			
260	ENERGY_EFFICIENCY_CLASS	Energy efficiency class of the model according to Table 19	A ... G
261	SCREEN_DIAGONAL_CM	Visible screen diagonal in centimetres	cm numeric
262	SCREEN_DIAGONAL_INCH	Visible screen diagonal in inches	inch numeric
263	POWER_CONSUMPTION_ON	Power consumption in on-mode	W numeric
264	ANNUAL_ENERGY_CONSUMPTION	the calculated annual energy consumption in kWh/year, rounded to the first integer. This shall be expressed as: Energy consumption XYZ kWh/year, based on four hours of daily operation of the television over 365 days. The actual energy consumption depends on the type of use of the television.	kWh per year numeric
265	POWER_CONSUMPTION_OFF	Power consumption in off-mode	W numeric
266	POWER_CONSUMPTION_STANDBY	Power consumption in standby mode	W numeric
267	SCREEN_RESOLUTION_HORIZONTAL	Screen resolution in physical horizontal pixel count.	pt

			numeric
268	SCREEN_RESOLUTION_VERTICAL	Screen resolution in physical vertical pixel count.	pt numeric
Information for upholstered and home furniture: 1000-1999			

13.6. C Rename the detailed information 5 and 8 Decision : 2022-01-27

3.1.0	4.0.1
1 = Milieu photo 2 = Item pictogram (type/item overview) 3 = Magnetic planner drawing (SVGs in top view) 4 = Version photo 5 = Version texture (leather type, ...) 6 = Manufacturer logo/product brand 7 = Colour consultancy (the versions are defined in an assessment procedure) 8 = Fabric sample book (PDF for fabric groups) 9 = Model description sheets (PDF below series) 10 = Installation instructions 11 = Marketing 12 = Miscellaneous 13 = Colour consultancy wall 14 = Colour consultancy floor 15 = Description of function 16 = Planning advice 17 = Catalogue image	1 = Milieu photo 2 = Item pictogram (type/item overview) 3 = Magnetic planner drawing (SVGs in top view) 4 = Variant photo 5 = Variant texture 6 = Manufacturer logo/product brand 7 = Colour consultancy (the versions are defined in an assessment procedure) 8 = Material passport (PDF) 9 = Model description sheets (PDF below series) 10 = Installation instructions 11 = Marketing 12 = Miscellaneous 13 = Colour consultancy wall 14 = Colour consultancy floor 15 = Description of function 16 = Planning advice 17 = Catalogueimage

The terms have been standardised for upholstery and household furniture. However, the content of the data does not change with this INFO_TYPE.

13.7. C Addition of the recommended image formats in the INFO_TYPE element Decision : 2022-04-27

3.1.0 This element is here to describe the type of detailed information. The values of the available info types can be found in the corresponding table in the introduction. An image size of 2048x2048px is recommended for images of typical settings (INFO_TYPE = 1).
4.0.1 This element describes the type of detailed information. The values of the possible info types can be found in the corresponding table from the introduction. Media referencing for function descriptions is possible on both the ITEM and the SERIES. The MP4 format is recommended for videos. For images, an image size of 2048x2048px and the following media formats are recommended: - PNG - TIF/TIFF - JPG/JPEG - SVG

The image size is now recommended for all images and there is a recommendation on the common image formats that can be processed by the software houses.

13.8. C Rename SERIE_NO to SERIE_ID in the ITEM Decision : 2022-09-06

3.1.0 ITEMs are defined in this element. An ITEM is identified via the attributes SERIE_NO (path 1) and TYPE_NO (path 2). For each ITEM, either the characteristics/properties or a reference via ITEM_REF to another series (SERIE_NO) and the ITEM number valid there (TYPE_NO) are saved. If the element ITEM_REF is filled, it is a reference ITEM belonging to another series, in the other case the ITEM belongs to this series in which it is indicated at this point. When ordering a reference ITEM, the ITEM number of the referenced series and not that of the original series must be indicated. Path 1: SERIES/SERIE/SERIE_NO Path 2: SERIES/SERIE/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/TYPE_NO
4.0.1 ITEMs are defined in this element. An ITEM is identified via the attributes SERIE_ID (path 1) and TYPE_NO (path 2). For each ITEM, either the characteristics/properties or a reference via ITEM_REF to another series (SERIE_ID) and the ITEM number valid there (TYPE_NO) are saved. If the element ITEM_REF is filled, it is a reference ITEM belonging to another series, in the other case the ITEM belongs to this series in which it is indicated at this point. When ordering a reference ITEM, the ITEM number of the referenced series and not that of the original series must be indicated. Path 1: SERIES/SERIE/SERIE_ID Path 2: SERIES/SERIE/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/TYPE_NO

Due to the renaming of the attributes SERIE_NO to SERIE_ID, the description in the element ITEM was adjusted accordingly.

13.9. C Changed description under EDP_NUMBER Decision : 2022-09-06

3.1.0 The (internal) article EDP number of the manufacturer is entered in this element. If the EDP_NUMBER is used, it must be unique within a series and created for all items.
4.0.1 This element is used to enter the internal) item EDP number of the manufacturer. If the EDP_NUMBER is used, it must be created for all items.

Due to different structures in the manufacturer ERP and the configuration catalogue, the EDP_NUMBER element may not always be unique. The description has been changed to this effect.

13.10. C Changed description under BASIC_SHAPE_PARAMETERS Decision : 2022-01-27

3.1.0 This element is used to assign graphically relevant parameters with corresponding values to the item. The item dimensions allowed for by the factory are described here. If item dimensions that fall outside of the specified dimension ranges are required, these will be custom-made products. Custom-made products must be coordinated with the manufacturer. If the values in the elements BASIC_SHAPE_NOMINAL_VALUE (path 1), BASIC_SHAPE_FROM (path 1) and BASIC_SHAPE_TO (path 1) are identical, these parameters must be left unchanged, it is neither possible to change these parameters to custom-made product in the factory. For items with a basic shape number = 0 that do not have any dimensions, such as calculation positions (e.g. surcharge for feet shape), the parameters must be filled with 0.
4.0.1 This element is used to assign graphically relevant parameters with corresponding values to the item. The item dimensions allowed for by the factory are described here. If item dimensions that fall outside of the specified dimension ranges are required, these will be custom-made products. Custom-made products must be coordinated with the manufacturer. For items with a basic shape number = 0 that do not have any dimensions, such as calculation positions (e.g. surcharge for feet shape), the parameters must be filled with 0.

A text module that originates from the kitchen area and is only relevant there has been removed.

13.11.	C	Changed description under COLOR_CONSULTANCIES and the following elements	Decision : 2022-01-27

COLOR_CONSULTANCIES:

3.1.0 This element is used to define colour consultancies. Each colour consultancy COLOR_CONSULTANCY contains any number of references to combinations of detailed information and assessments FEATURE_DETAIL_INFO_REF, which are sorted by SEQUENCE_NO. The applied assessments must contain colour variations.
4.0.1 This element is used to define colour consultancies. Each colour consultancy COLOR_CONSULTANCY contains any number of references to combinations of detailed information and assessments FEATURE_DETAIL_INFO_REF, which are sorted by SEQUENCE_NO.

COLOR_CONSULTANCY:

3.1.0 This element is used to directly assign image layers to rules. The applied rules must contain colour versions.
4.0.1 This element is used to directly assign image layers to rules.

FEATURE_DETAIL_INFO_REF:

3.1.0 This element allows for the assignment of precisely one assessment or rule to the image layers. The assessment and/or rule must contain a colour version type. The assignment is done via DETAIL_INFO_NO and either RESTRICTION_NO or DECISION_NO. Either an assessment (RESTRICTION) or rule (DECISION) can be assigned.
4.0.1 This element allows for the assignment of precisely one assessment or rule to the image layers. The assignment is done via DETAIL_INFO_NO and either RESTRICTION_NO or DECISION_NO. Either an assessment (RESTRICTION) or rule (DECISION) can be assigned.

Since rules that refer to other variant groups can also make sense at this point, the restriction that colour variant types must be included has been removed from the description of the elements COLOR_CONSULTANCIES, COLOR_CONSULTANCY and FEATURE_DETAIL_INFO_REF.

13.12. C Changed description under SEQUENCE_NO below PART_LIST_POS — Decision : 2022-04-27

SEQUENCE_NO:

3.1.0 This attribute allows for the specification of piece lists with a freely-defined sorting order.
4.0.1 In this element the sort order of the parts list positions is to be defined.

13.13. C Changed description under OPTION_TEXT — Decision : 2023-02-09

3.1.0 This element is used to define a version text.
4.0.1 In this element, a OPTION text is defined for display in the configurators. If the OPTION cannot be described in detail with the limited number of characters, the OPTION_CUSTOMER_TEXT must also be entered as long text. Note: Some configurators can display a maximum of 20-character texts.

Since the OPTION_CUSTOMER_TEXT has been added to the OPTION_TEXT, the description for the use of the OPTION_TEXT had to be formulated more clearly.

13.14. C Changed description under OPTION_GROUPS and OPTION_GROUP — Decision : 2022-01-27

OPTION_GROUPS:

3.1.0 This element is use to group quantities of versions. They can be reference in the rules below OPTION_COMBINATION/FEATURE_REF in DECISIONS. These versions are to be considered an independent pool and have no connection to any version type.
4.0.1 This element is use to group quantities of versions. They can be reference in the rules below OPTION_COMBINATION/FEATURE_REF in DECISIONS and below FINISH, and PERCENTAGE_SURCHARGE in the PRICE_FEATURE_GROUPS. These versions are to be considered an independent pool and have no connection to any version type.

OPTION_GROUP:

3.1.0 This element is used to specify a version group. It can be referenced in assessments below OPTION_COMBINATION/FEATURE_REF in the DECISIONS. These versions are to be considered an independent pool and have no connection to any version type.
4.0.1 This element is used to specify a version group. It can be referenced in assessments below OPTION_COMBINATION/FEATURE_REF in the DECISIONS and below FINISH, and PERCENTAGE_SURCHARGE in the PRICE_FEATURE_GROUPS. These versions are to be considered an independent pool and have no connection to any version type.

The reference that variant groups can also be used in the finish and under PERCENTAGE_SURCHARGE was missing. This was added to the description of the elements OPTION_GROUPS and OPTION_GROUP.

13.15. C Changed description under PRICE_FEATURE_GROUP Decision : 2022-01-27

3.1.0 This element is used to specify price control information. The PRICE_FEATURE_GROUP is used to control the conditions under which a price (e.g. version combinations) applies. A PRICE_FEATURE_GROUP is referenced by the item. The specific prices are also specified in the item. The following rules apply to PRICE_FEATURE_GROUP and/or items: - A price group-neutral item has zero versions, only price field 1 must be specified for these items. - Variation-dependent items have one or a number of version types. - An item must reference precisely one base price group (ADDITIONAL_PRICE=0). Multiple PRICE_FEATURE_GROUPs with the same combination of version types are prohibited. Example: PRICE_FEATURE_GROUP with version type feet shape should only exist once and map everything that is related to the feet shape.
4.0.1 Information for price control is stored in this element. The PRICE_FEATURE_GROUP controls under which conditions (e.g. variant combinations) a price is drawn. A PRICE_FEATURE_GROUP is referenced by the item. The specific prices are also stored with the article. The following regulations apply to the PRICE_FEATURE_GROUP or articles: - Price group neutral items may have variants, but these do not affect the price. Their price does not have to be in price field 1, but they may have only one FINISH element for the price field specification. For price field neutral items, for which there is only one FINISH element in the PRICE_FEATURE_GROUP to hold the price, they may only have an associated price corresponding to the price field specified in the FINISH element. - FINISH elements contain only the necessary variant types. - Execution-dependent items have one or more variant types. - An item must reference exactly one base price group (ADDITIONAL_PRICE=0). - In principle, several PRICE_FEATURE_GROUPs with the same combination of variant types may be created.

Since the FINISH element does not have to contain all variant groups but only the necessary ones, this has been added to the description of the PRICE_FEATURE_GROUP element.

13.16. C Case insensitivity for _KEY, _ID and _NO elements Decision : 2023-02-09

Add the sentence: "The element/attribute must be unique, regardless of upper and lower case", in the descriptions of the following elements/attributes:

OPTION_KEY:

- T_NEW_CATALOG/SERIES/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/BASIC_PROFILE/CARCASE_BASIC_SHAPE/BASIC_PROFILE_SHAPE/OPTION_REF/@OPTION_KEY
- T_NEW_CATALOG/FEATURE_DEFINITION/FEATURES/FEATURE/OPTIONS/OPTION/@OPTION_KEY
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/OPTION_COMBINATION/OPTIONS_SET_REF/OPTION_LIST/OPTION_REF/@OPTION_KEY
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/OPTION_COMBINATION/OPTIONS_SET_REF/OPTION_REF_OP/@OPTION_KEY
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/OPTION_COMBINATION/ACTIONS/SET_FEATURE_DEFAULT/OPTION_REF/@OPTION_KEY
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/OPTION_COMBINATION/ACTIONS/SET_FEATURE_FIXED/OPTION_REF/@OPTION_KEY
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/OPTION_COMBINATION/ACTIONS/SET_FEATURE/OPTION_REF/@OPTION_KEY
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/OPTION_COMBINATION/ACTIONS/SET_FEATURE_DEFAULT_NULL/OPTION_REF/@OPTION_KEY
- T_NEW_CATALOG/FEATURE_DEFINITION/OPTION_GROUPS/OPTION_GROUP/OPTION/@OPTION_KEY
- T_NEW_CATALOG/PRICE_DEFINITION/PRICE_FEATURE_GROUPS/PRICE_FEATURE_GROUP/FINISH/OPTIONS_SET_REF/OPTION_LIST/OPTION_REF/@OPTION_KEY
- T_NEW_CATALOG/PRICE_DEFINITION/PRICE_FEATURE_GROUPS/PRICE_FEATURE_GROUP/FINISH/OPTIONS_SET_REF/OPTION_REF_OP/@OPTION_KEY
- T_NEW_CATALOG/PRICE_DEFINITION/PRICE_FEATURE_GROUPS/PRICE_FEATURE_GROUP/PERCENTAGE_SURCHARGE/OPTIONS_SET_REF/OPTION_LIST/OPTION_REF/@OPTION_KEY
- T_NEW_CATALOG/PRICE_DEFINITION/PRICE_FEATURE_GROUPS/PRICE_FEATURE_GROUP/PERCENTAGE_SURCHARGE/OPTIONS_SET_REF/OPTION_REF_OP/@OPTION_KEY

OPTION_GROUP_KEY:

- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/OPTION_COMBINATION/OPTIONS_SET_REF/OPTION_GROUP_REF_OP/@OPTION_GROUP_KEY
- T_NEW_CATALOG/FEATURE_DEFINITION/OPTION_GROUPS/OPTION_GROUP/@OPTION_GROUP_KEY
- T_NEW_CATALOG/PRICE_DEFINITION/PRICE_FEATURE_GROUPS/PRICE_FEATURE_GROUP/FINISH/OPTIONS_SET_REF/OPTION_GROUP_REF_OP/@OPTION_GROUP_KEY
- T_NEW_CATALOG/PRICE_DEFINITION/PRICE_FEATURE_GROUPS/PRICE_FEATURE_GROUP/PERCENTAGE_SURCHARGE/OPTIONS_SET_REF/OPTION_GROUP_REF_OP/@OPTION_GROUP_KEY

PART_LIST_KEY:

- T_NEW_CATALOG/SERIES/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/PART_LIST_REF/@PART_LIST_KEY
- T_NEW_CATALOG/PART_LISTS/PART_LIST/@PART_LIST_KEY

SERIES_GROUP_KEY:

- T_NEW_CATALOG/SERIES/SERIES_GROUPS/SERIES_GROUP/@SERIES_GROUP_KEY

FORMULA_KEY:

- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/OPTION_COMBINATION/ACTIONS/SET_FEATURE_DEFAULT/FORMULA_REF/@FORMULA_KEY
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/OPTION_COMBINATION/ACTIONS/SET_FEATURE_FIXED/FORMULA_REF/@FORMULA_KEY
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/OPTION_COMBINATION/ACTIONS/SET_FEATURE/FORMULA_REF/@FORMULA_KEY
- T_NEW_CATALOG/FEATURE_DEFINITION/DECISIONS/OPTION_COMBINATION/ACTIONS/SET_FEATURE_DEFAULT_NULL/FORMULA_REF/@FORMULA_KEY
- T_NEW_CATALOG/FEATURE_DEFINITION/FORMULAS/FORMULA/@FORMULA_KEY

CATALOG_ID:

- T_NEW_CATALOG/CATALOG/CATALOG_IDENTIFICATION/CATALOG_ID

SERIES_ID:

- T_NEW_CATALOG/SERIES/SERIES/@SERIES_ID
- T_NEW_CATALOG/SERIES/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/ITEM_REF/@SERIES_ID
- T_NEW_CATALOG/SERIES/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/ADDITIONAL_ITEMS/OPTIONAL_ITEMS/OPTIONAL_ITEM_GROUP/ITEM_REF/@SERIES_ID
- T_NEW_CATALOG/SERIES/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/ADDITIONAL_ITEMS/MANDATORY_ITEMS/MANDATORY_ITEM_GROUP/ITEM_REF/@SERIES_ID
- T_NEW_CATALOG/SERIES/SERIES_GROUPS/SERIES_GROUP/SERIES_REF/@SERIES_ID
- T_NEW_CATALOG/PART_LISTS/PART_LIST/PART_LIST_POS/ITEM_REF/@SERIE_ID
- T_NEW_CATALOG/FEATURE_DEFINITION/FEATURES/FEATURE/OPTIONS/OPTION/DETAIL_INFO/DETAIL_INFO_REF/SERIES_REF/@SERIES_ID
- T_NEW_CATALOG/FEATURE_DEFINITION/FEATURES/FEATURE/OPTIONS/OPTION/DETAIL_INFO/DETAIL_INFO_REF/ITEM_REF/@SERIE_ID
- T_NEW_CATALOG/FEATURE_DEFINITION/FEATURES/FEATURE/DETAIL_INFO/DETAIL_INFO_REF/SERIES_REF/@SERIES_ID
- T_NEW_CATALOG/FEATURE_DEFINITION/FEATURES/FEATURE/DETAIL_INFO/DETAIL_INFO_REF/ITEM_REF/@SERIE_ID

TYPE_NO:

- T_NEW_CATALOG/SERIES/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/@TYPE_NO
- T_NEW_CATALOG/SERIES/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/ITEM_REF/@TYPE_NO
- T_NEW_CATALOG/SERIES/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/ADDITIONAL_ITEMS/OPTIONAL_ITEMS/OPTIONAL_ITEM_GROUP/ITEM_REF/@TYPE_NO
- T_NEW_CATALOG/SERIES/PRODUCT_GROUPS/PRODUCT_GROUP/ITEMS/ITEM/ADDITIONAL_ITEMS/MANDATORY_ITEMS/MANDATORY_ITEM_GROUP/ITEM_REF/@TYPE_NO
- T_NEW_CATALOG/PART_LISTS/PART_LIST/PART_LIST_POS/ITEM_REF/@TYPE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/FEATURES/FEATURE/OPTIONS/OPTION/DETAIL_INFO/DETAIL_INFO_REF/ITEM_REF/@TYPE_NO
- T_NEW_CATALOG/FEATURE_DEFINITION/FEATURES/FEATURE/DETAIL_INFO/DETAIL_INFO_REF/ITEM_REF/@TYPE_NO

13.17.	A	Change the Magnet Planner docu to Media docu with addition of recommended image formats and sizes.	Decision : 2022-09-06

2.0.1

Dokumentation Magnetplanerzeichnungen

Inhalt

2.1.0

Dokumentation IDM Medien

Inhalt

Since the documentation no longer refers only to magnetic planner drawings, but to all media, it has been renamed "IDM Media Documentation". The original documentation "Images in IDM Padding" with a very outdated status, is thus replaced.

The media formats and image sizes have been added under the introduction.

Description in the documentation:

1.1. Media formats

The different IDM processing systems support different image formats.

In order to provide data that can be processed by everyone, it is recommended to work only with the following image and video formats in the IDM data:

-PNG
-TIFF
-JPEG
-SVG
-MP4
-PDF

1.2. Image sizes

An image size of 2048x2048 px is recommended for millieu images, colour advice, item images (sketches) and variant images. The specification is not obligatory, but serves as orientation for the data creators.

The former item 1.1 "General" has been merged with item 2.1 "General".

2.0.1 1.1. General Magnetic planner drawings should be provided in a vector format. So you can scale as you like and display an connection behaviour. In addition, connection vectors can be added to the file. The modern XML-based SVG format is ideal for this. UTF-8 is to be used as standard for the XML information. You can draw and name connection vectors in this format. In addition, outlines must be drawn to be used for collision checks. 2.1. General Basically, the SVG format has been defined as the standard format to create the graphic data for the 2D magnetic planner in the IDM upholstery format. SVG data is stored in XML structures and can be generated with various graphics programs, e.g. Adobe Illustrator, CorelDRAW or SketchUp. On the one hand, in the SVG format it is possible to store the technical information for the functionalities of a magnetic planner in a generally applicable manner, on the other hand no data feeder is regulated in the graphic representation of his assortments. Once an SVG file has been created, it should not be reworked. If editing is necessary, the original should always be used and then saved as an SVG file.
2.1.0 2.1. General Basically, the XML-based SVG format has been defined as the standard format for the creation of the graphical data for the 2D Magnetic Planner in IDM Living format. UTF-8 is to be used as the standard for the XML information. In this way, you can scale up or down as you wish and display a connection behaviour. In the format, connection vectors can be drawn and named. In addition, outlines must be drawn, which are used for collision checks. SVG data is stored in XML structures and can be generated with various graphics programmes, e.g. Adobe-Illustrater, CorelDRAW or SketchUp. In the SVG format, it is possible on the one hand to store the technical information for the functionalities of a magnet planner in a generally valid way, and on the other hand no data creator is regulated in the graphic representation of his assortments. Once an SVG file has been created, it should not be edited. If editing is necessary, the original should always be used and then saved as an SVG.

13.18.	C	Modification of the magnet planner docu under 2.11. Setting vectors	Decision : 2022-01-27

2.0.1

- A connection vector is a line defining the position to connect the neighbour element.
- The connection vector can be identified as line id = "AV .."
- Connection vectors AVL and AVR should start at the back side (if possible) and should be set towards the seat being directed to one side
- There must be no different directions for connection pairs.
- When snapping, the starting point is placed on the starting point according to the direction of the vectors to be connected.
- Connection vectors can be of any length lying within the drawing area.

2.1.0

- A connection vector is a line defining the position to connect the neighbour element.
- The connection vector can be identified as line id = "AV .."
- Connection vectors AVL and AVR should start at the back side (if possible) and should be set towards the seat being directed to one side
- There must be no different directions for connection pairs.
- When snapping, the starting point is placed on the starting point according to the direction of the vectors to be connected.
- Connection vectors can be of any length, they may be partially or completely outside the OLT, but they must be within the drawing area.

With the new description, the positioning of the setting vectors is clearly regulated.

Unreleased

Presentation of all changes planned for version 4.1.0

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