

Date: 28.04.2023

## Changelog IDM Living Version 4.0.1 from IDMW 2.0.0

This changelog describes all innovations, enhancements and corrections that are provided with the current version **IDML 4.0.1** (compared to version IDMW 2.0.0) both in the XML schema and in the documentation.

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

### Content:

based on the structure in the scheme from top to bottom.

(date)

Decision of: Type Page The sorting is

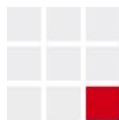
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A = Added = Adding new elements or attributes

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### Content:

Decision of: Type Page

(Date)

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

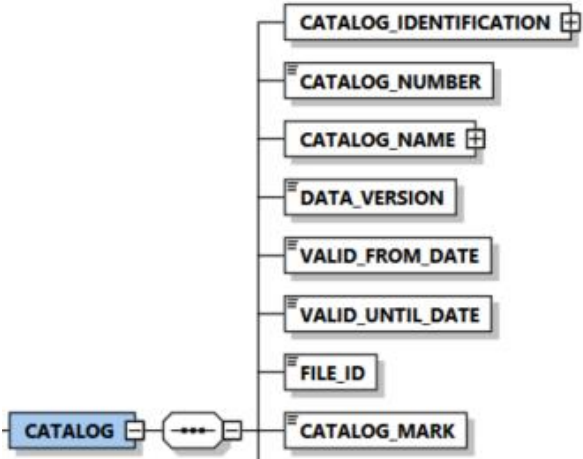
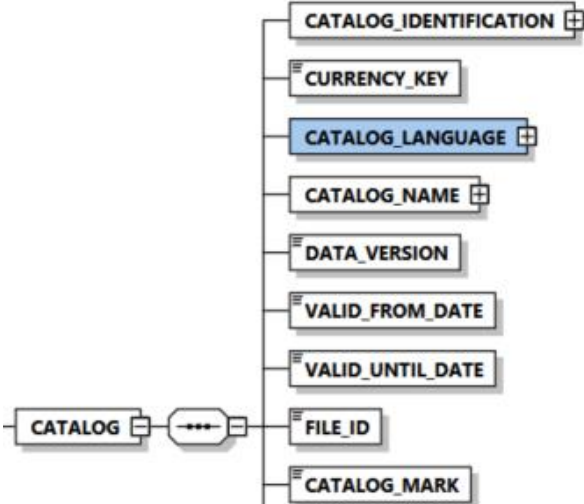
\*Indication of any changes envisaged or partially decided for future versions.



# Released

Display of all changes recorded for version 4.0.1

## 1. Aligning the IDMP and IDMW formats

1.1. A New element CATALOG_LANGUAGE	Decision : 2022-01-27
<p>2.0.0</p> 	<p>4.0.1</p> 

Under CATALOG at position 3 there is the new element CATALOG\_LANGUAGE as Complex Type and mandatory field.

```
<xs:element name="CATALOG_LANGUAGE">
  <xs:annotation>...</xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ISO_LANGUAGE_ID" maxOccurs="unbounded">
        <xs:annotation>...</xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:language">
            <xs:pattern value="[A-Z]{2}" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

Description in the documentation:

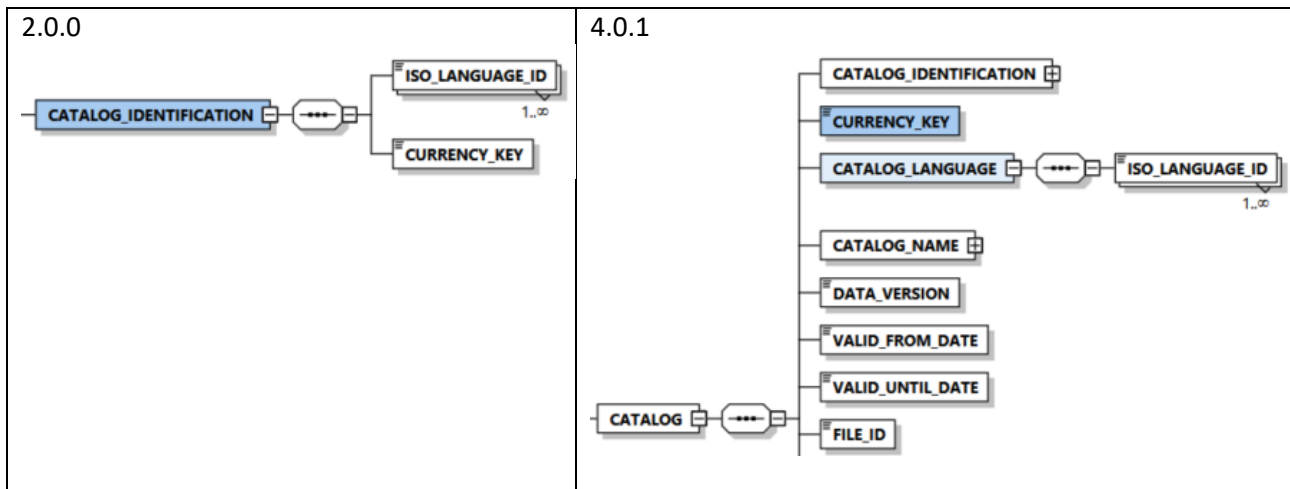
This element indicates the languages used in the data pool.

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.

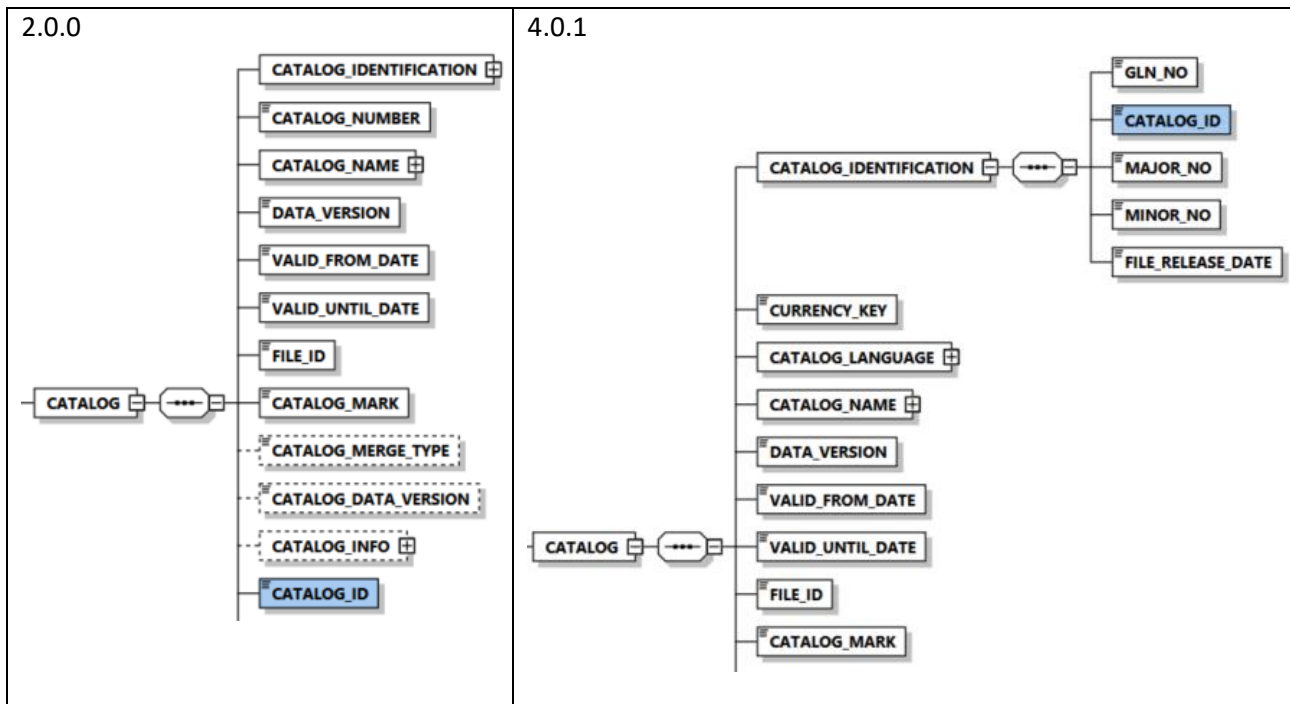


The elements CURRENCY\_KEY and ISO\_LANGUAGE\_ID are omitted below CATALOG\_IDENTIFICATION. The CURRENCY\_KEY has been appended directly under CATALOG at position 2. The ISO\_LANGUAGE\_ID will be maintained in future under the new element CATALOG\_LANGUAGE below CATALOG. They remain identical in content.

```

<xs:element name="CATALOG">
  <xs:annotation>...</xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="CATALOG_IDENTIFICATION">...</xs:element>
      <xs:element name="CURRENCY_KEY">
        <xs:annotation>...</xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:pattern value="[A-Z]{1,3}" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CATALOG_LANGUAGE">
        <xs:annotation>...</xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="ISO_LANGUAGE_ID" maxOccurs="unbounded">
              <xs:annotation>...</xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:language">
                  <xs:pattern value="[A-Z]{2}" />
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

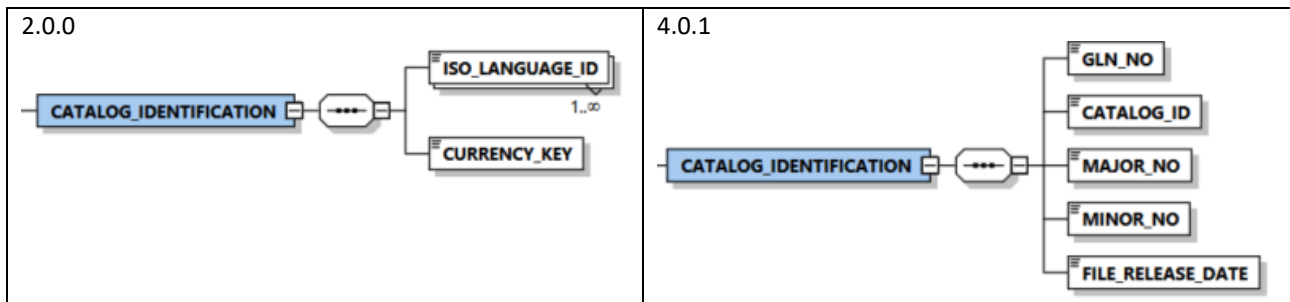
```



The CATALOG\_ID remains identical in content. The element is now attached in 2nd place under CATALOG\_IDENTIFICATION.

```
<xs:element name="CATALOG_IDENTIFICATION">
  <xs:annotation>...</xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="GLN_NO">...</xs:element>
      <xs:element name="CATALOG_ID">
        <xs:annotation>...</xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="64"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```





In addition to the catalogue identification through the elements GLN\_NO and CATALOG\_ID, a unique versioning is to be carried out. For this purpose, the elements MAJOR\_NO, MINOR\_NO and FILE\_RELEASE\_DATE are added under CATALOG\_IDENTIFICATION.

### MAJOR\_NO:

In the 3rd position under CATALOG\_IDENTIFICATION, the MAJOR\_NO is a mandatory field.

```
<xs:element name="MAJOR_NO">
  <xs:annotation>...</xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:gYear"/>
  </xs:simpleType>
</xs:element>
```

#### Description in the documentation:

The catalogue version number MAJOR\_NO provides the year in which the data pool was produced. The full indication of the catalogue version in which a data pool is delivered consists of MAJOR and MINOR.

### MINOR\_NO:

In the 4th position under CATALOG\_IDENTIFICATION, the MINOR\_NO is a mandatory field.

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

#### Description in the documentation:

The catalogue sub-version number MINOR\_NO is given in serial numbers for the year. The full indication of the catalogue version in which a data pool is delivered consists of MAJOR and MINOR. If the catalogue version MAJOR is changed, the catalogue sub-version is reset to 0.

A = Added = Adding new elements or attributes

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





### FILE\_RELEASE\_DATE:

In the 5th position under CATALOG\_IDENTIFICATION, the FILE\_RELEASE\_DATE is a mandatory field.

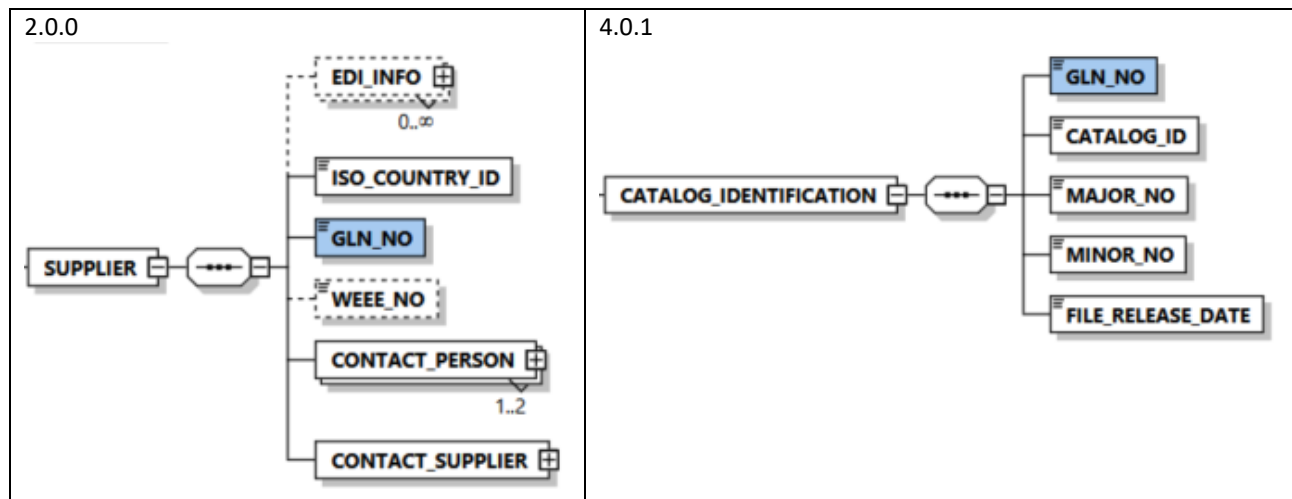
```
<xs:element name="FILE_RELEASE_DATE" type="xs:dateTime">
  <xs:annotation>...</xs:annotation>
</xs:element>
```

### Description in the documentation:

This element provides the time stamp for the creation of the data pool in UTC time.

### 1.5. C GLN\_NO moved

Decision : 2022-01-27



Since the GLN\_NO is part of the catalogue identification, it will in future be indicated under CATALOG\_IDENTIFICATION and will be omitted under SUPPLIER.

```
<xs:element name="CATALOG_IDENTIFICATION">
  <xs:annotation>...</xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="GLN_NO">
        <xs:annotation>...</xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:pattern value="[0-9]{13}" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CATALOG_ID">...</xs:element>
      <xs:element name="MAJOR_NO">...</xs:element>
      <xs:element name="MINOR_NO">...</xs:element>
      <xs:element name="FILE_RELEASE_DATE" type="xs:dateTime">...</xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

A = Added = Adding new elements or attributes

C = Changed = Changes to existing elements, attributes or descriptive texts.

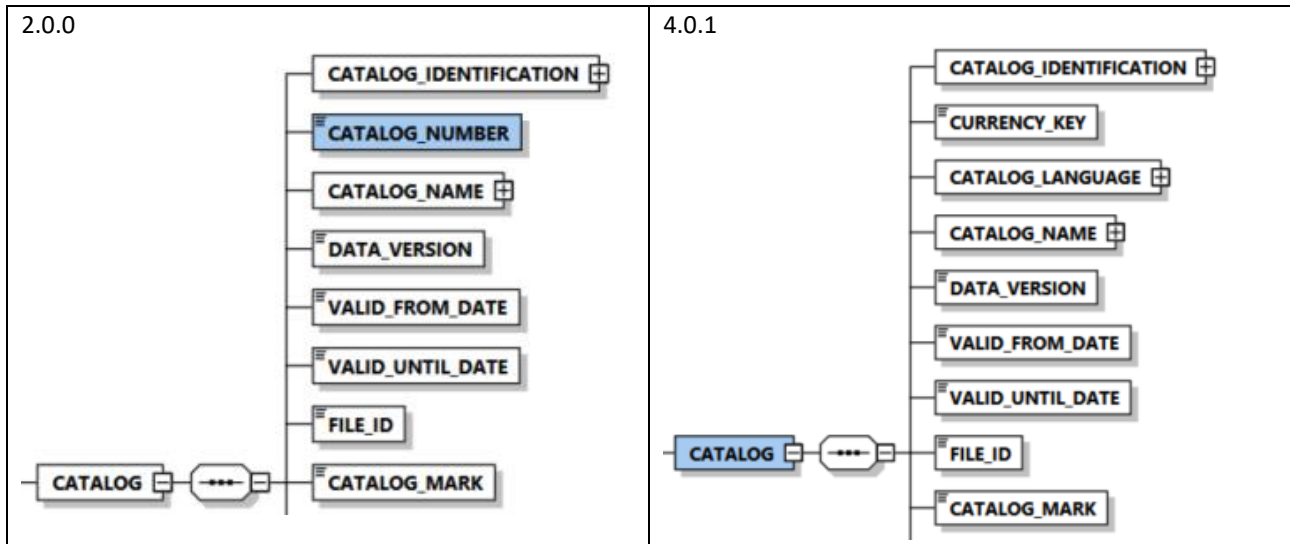
R = Removed = Deletion of elements or attributes

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



### 1.6. R CATALOG\_NUMBER is deleted

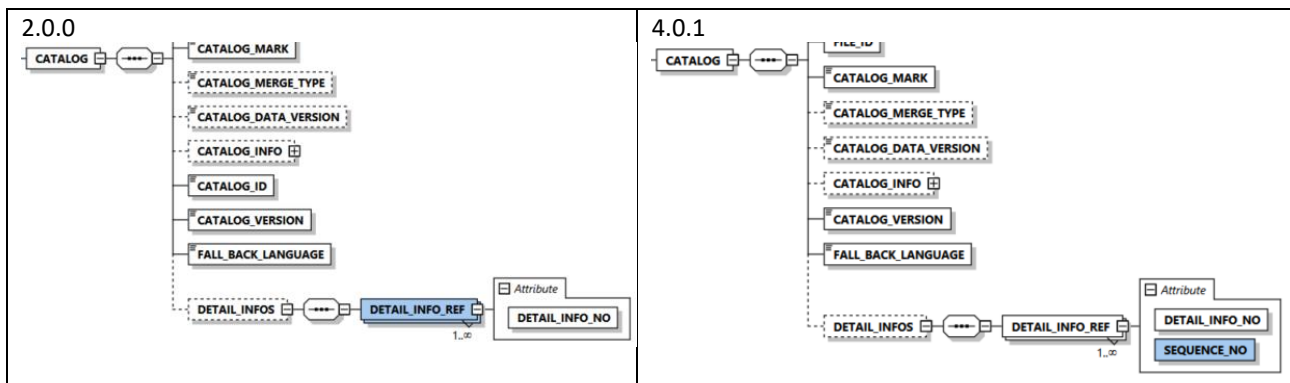
Decision : 2022-04-27



The CATALOG\_NUMBER is omitted. It is no longer needed for catalogue identification or as a manufacturer-specific identifier.

### 1.7. A New attribute SEQUENCE\_NO under DETAIL\_INFO\_REF below CATALOG

Decision : 2022-01-27



Under the DETAIL\_INFO\_REF below CATALOG is the new attribute SEQUENCE\_NO, which is a mandatory field with the data type positiveInteger.

```
<xs:attribute name="SEQUENCE_NO" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:positiveInteger"/>
  </xs:simpleType>
</xs:attribute>
```

Description in the documentation:

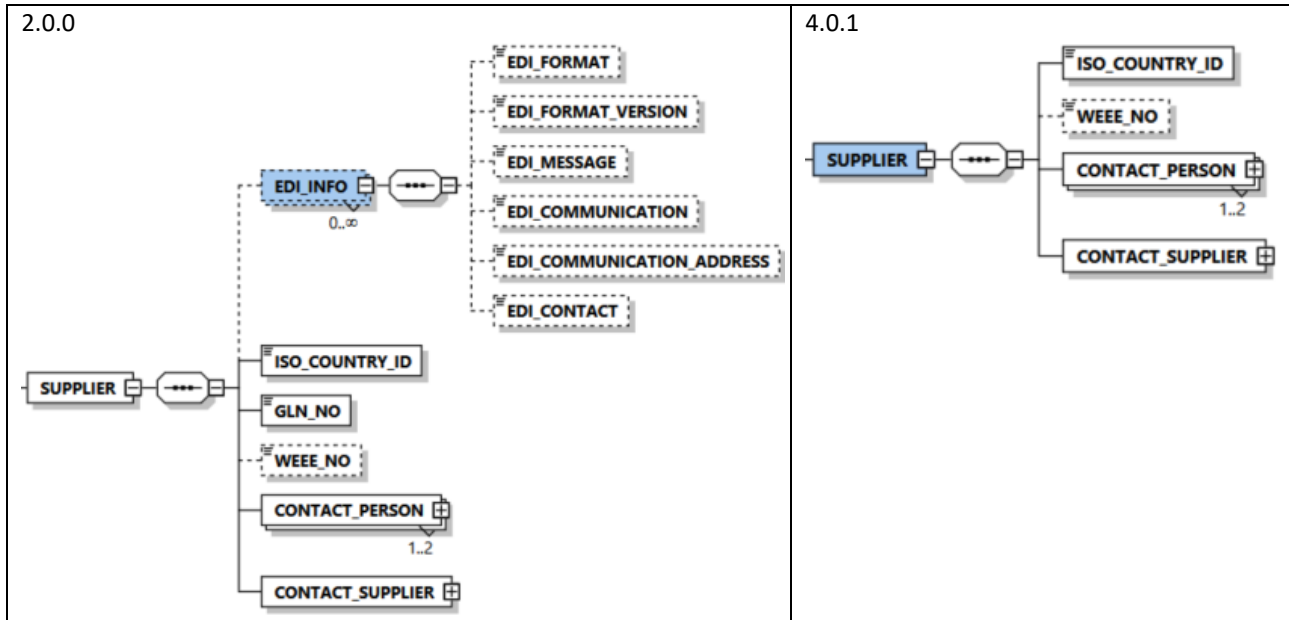
This attribute allows for the specification of detailed information for the catalogue with a freely-defined sorting order.

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.



Since EDI information is not relevant in master data exchange, the EDI\_INFO element and all its sub-elements are omitted.



<p>2.0.0</p> <p>Details</p> <table><tr><td>name</td><td>INFO_TYPE</td></tr><tr><td>isRef</td><td><input type="checkbox"/></td></tr><tr><td>minOcc</td><td>1</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>type</td><td>xs:positiveInteger</td></tr><tr><td>content</td><td>simple</td></tr><tr><td>derivedBy</td><td>restriction</td></tr></table> <p>Details SimpleType</p> <p>Facets</p> <table><tr><td>minIncl</td><td></td></tr><tr><td>maxIncl</td><td>15</td></tr><tr><td>minExcl</td><td></td></tr><tr><td>maxExcl</td><td></td></tr><tr><td>totalDig</td><td></td></tr><tr><td>fracDig</td><td></td></tr><tr><td>whiteSp</td><td></td></tr></table>	name	INFO_TYPE	isRef	<input type="checkbox"/>	minOcc	1	maxOcc	1	type	xs:positiveInteger	content	simple	derivedBy	restriction	minIncl		maxIncl	15	minExcl		maxExcl		totalDig		fracDig		whiteSp		<p>4.0.1</p> <p>Details</p> <table><tr><td>name</td><td>INFO_TYPE</td></tr><tr><td>isRef</td><td><input type="checkbox"/></td></tr><tr><td>minOcc</td><td>1</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>type</td><td>xs:positiveInteger</td></tr><tr><td>content</td><td>simple</td></tr><tr><td>derivedBy</td><td>restriction</td></tr></table> <p>Details SimpleType</p> <p>Facets</p> <table><tr><td>minIncl</td><td>1</td></tr><tr><td>maxIncl</td><td>17</td></tr><tr><td>minExcl</td><td></td></tr><tr><td>maxExcl</td><td></td></tr><tr><td>totalDig</td><td></td></tr><tr><td>fracDig</td><td></td></tr><tr><td>whiteSp</td><td></td></tr></table> <p>Facets Patterns Enumera...</p>	name	INFO_TYPE	isRef	<input type="checkbox"/>	minOcc	1	maxOcc	1	type	xs:positiveInteger	content	simple	derivedBy	restriction	minIncl	1	maxIncl	17	minExcl		maxExcl		totalDig		fracDig		whiteSp	
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In the INFO\_TYPE element, values up to 17 are now permitted instead of the previously permitted values up to 15, in order to map the new infotypes 15 (function description), 16 (planning note) and 17 (catalogue image).

The article pictogram, which was available several times in IDMW (INFO\_TYPE 2 and 15), should be able to be assigned several times under ID 2. The SEQUENCE\_NO determines which one is displayed first.

### Description in the documentation:

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.

### List from the introduction in the documentation:

The following info types are available for describing the type of detailed information:

- |   |   |
|---|---|
| 1 = Milieu photo  | 9 = Model description sheets (PDF below the series) |
| 2 = Article pictogram (type/article overview)                     | 10 = Assembly instructions                          |
| 3 = Magnetic planner drawing (SVGs in top view)                   | 11 = marketing                                      |
| 4 = Variant photo   | 12 = various  |
| 5 = Variant texture (leather type, ....)                          | 13 = Colour advice wall                             |
| 6 = Logo manufacturer/product brand                               | 14 = Colour advice floor                            |
| 7 = Colour advice (the variants are defined via a test procedure) | 15 = Functional description                         |
| 8 = Fabric passport (PDF at the fabric groups)                    | 16 = Planning advice                                |
|   | 17 = Catalogue picture                              |

A = Added = Adding new elements or attributes

C = Changed = Changes to existing elements, attributes or descriptive texts.

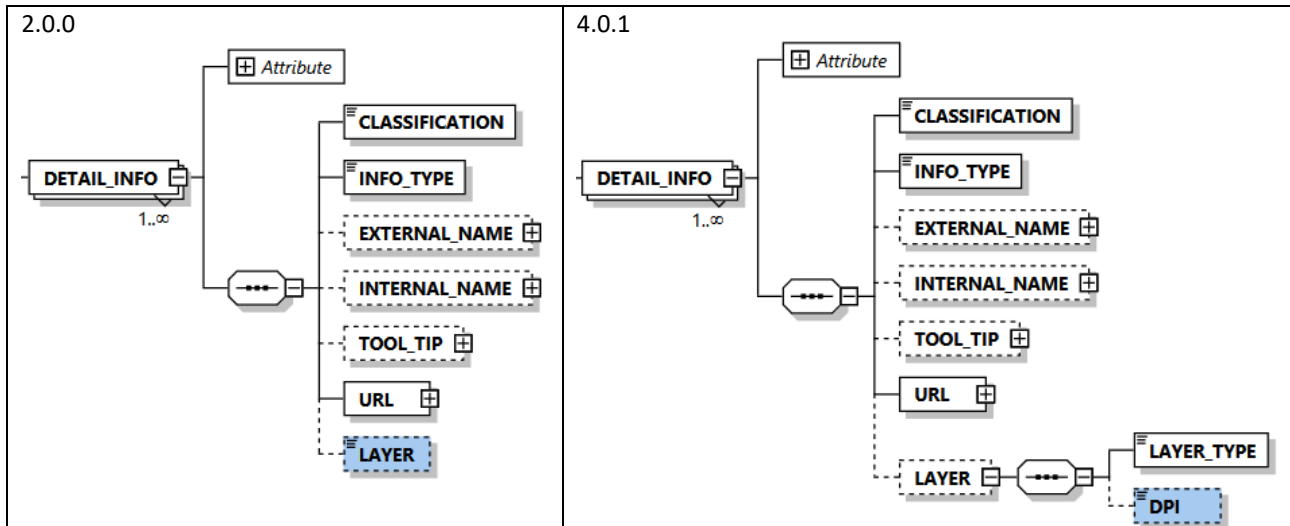
R = Removed = Deletion of elements or attributes

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



### 1.10. A New element DPI under LAYER

Decision : 2022-01-27



The simple type element **LAYER** is now a complex type with the sub-elements **LAYER\_TYPE** corresponding to the original element **LAYER** and the new, optional element **DPI** which allows the values 72 and 96. The **DPI** must be specified if the SVGs contained in the catalogue are not specified with dimensions but in pixels.

```
<xs:element name="LAYER" minOccurs="0">
  <xs:annotation>...</xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LAYER_TYPE">
        <xs:annotation>...</xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:positiveInteger">
            <xs:pattern value="[1-6]0"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <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>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

Description in the documentation:

This element specifies the dot density (dpi) of the SVG files that belong to the data pool. With the usual drawing tools, this is either 72 dpi (e.g. Adobe Illustrator) or 96 dpi (e.g. Coral Draw).

A = Added = Adding new elements or attributes

C = Changed = Changes to existing elements, attributes or descriptive texts.

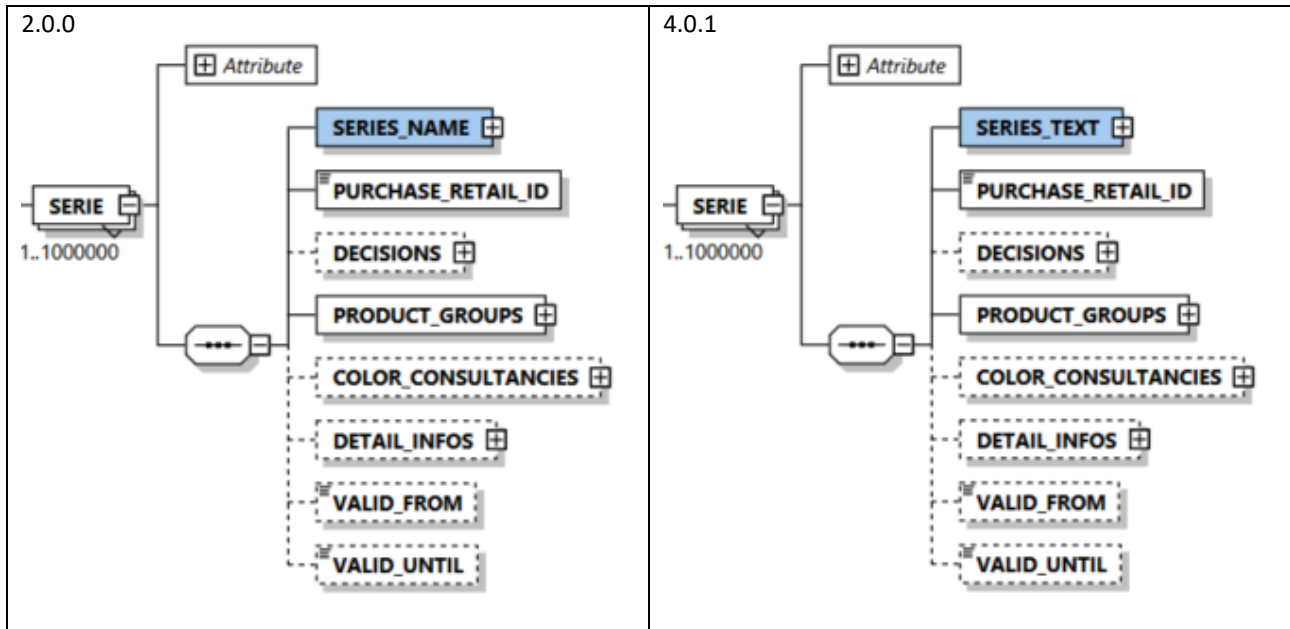
R = Removed = Deletion of elements or attributes

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



### 1.11. C SERIES\_NAME becomes SERIES\_TEXT

Decision : 2022-01-27



Since not only the series name but also the description and now the planning note are maintained under this element, it made sense to rename SERIES\_NAME to SERIES\_TEXT.

This has also been successfully aligned with the structure of the article texts (ITEM\_TEXT).

#### Description in the documentation:

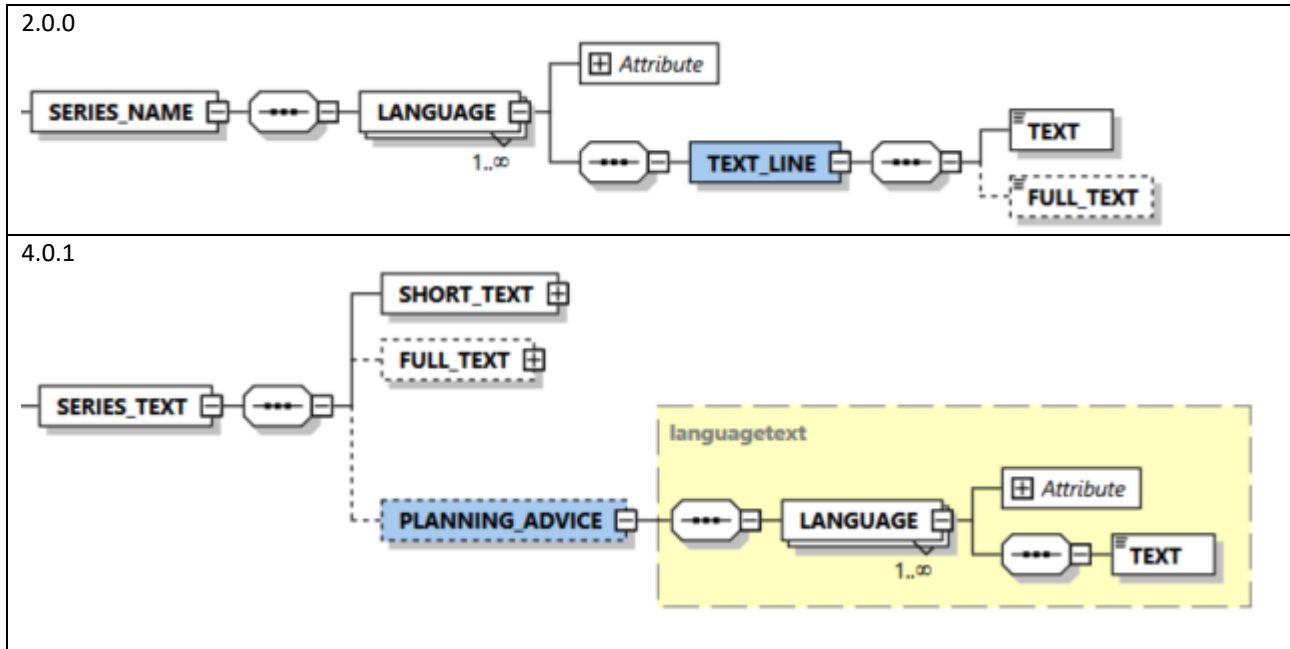
This element is used to define the series-specific texts. These may be characteristic short, descriptive long and planning advice texts. At least one series short text must be specified for each item.

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.



Under SERIES\_TEXT at position 3 is the new optional element PLANNING\_ADVICE, which is multilingual and can be maintained in any length.

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

Description in the documentation:

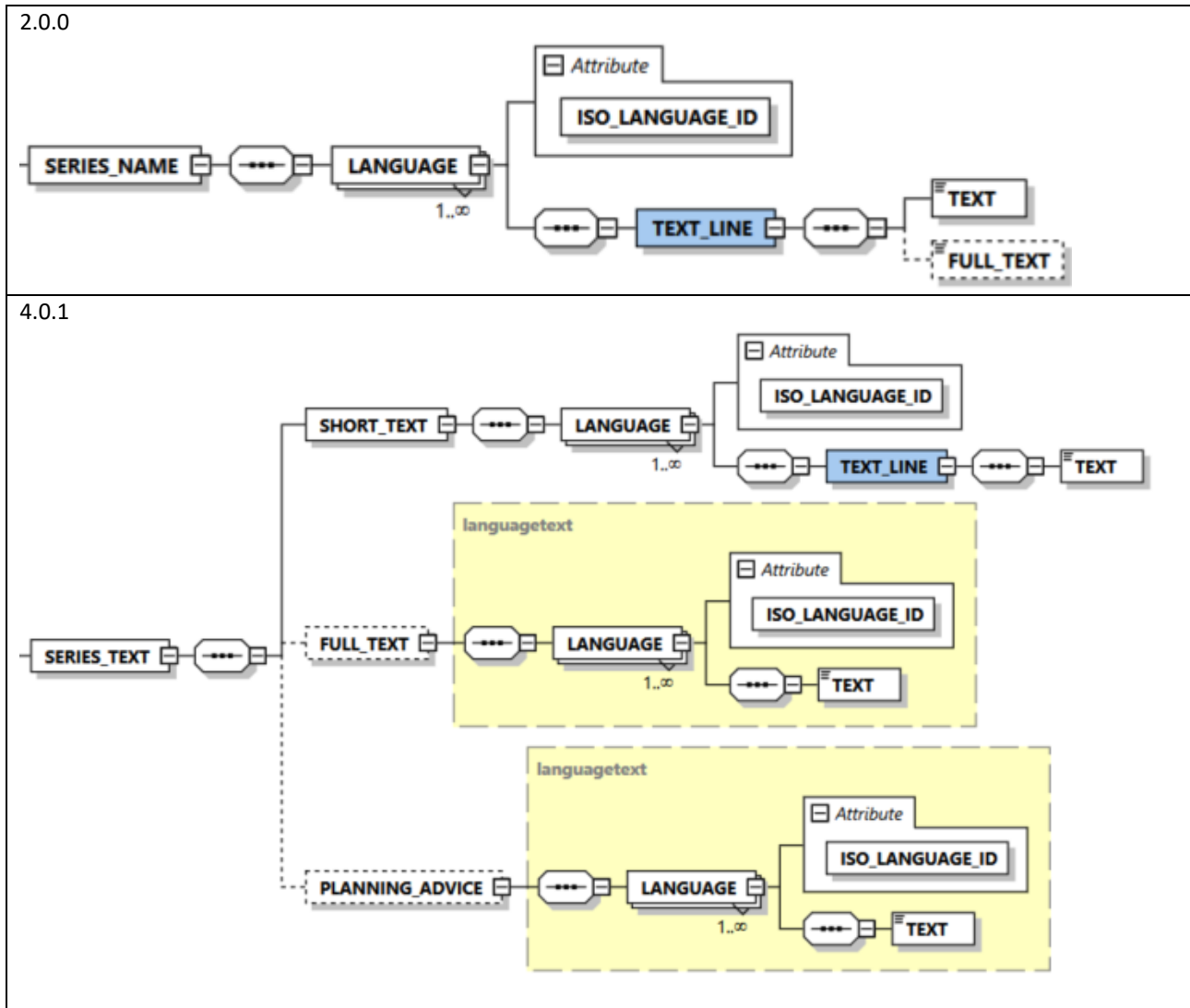
This element contains planning advice that applies to the entire series.





### 1.13. C Changed structure under SERIES\_TEXT

Decision : 2022-01-27



The renamed **SERIES\_TEXT** element contains all texts describing the model, just as it is the case at the **ITEM** for the texts describing the articles, and should therefore be structured in the same way.

The **SHORT\_TEXT** formerly **TEXT** is in the first position under **SERIES\_TEXT** and represents the series name.

The **FULL\_TEXT** at position 2 still contains the series description.

The new **PLANNING\_ADVICE** element at position 3 also enables planning instructions to be given at the series.

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.



```
<xs:element name="SERIES_TEXT">
  <xs:annotation>...</xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SHORT_TEXT">
        <xs:annotation>...</xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="LANGUAGE" maxOccurs="unbounded">
              <xs:annotation>...</xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="TEXT_LINE">
                    <xs:annotation>...</xs:annotation>
                    <xs:complexType>
                      <xs:sequence>
                        <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>
                      </xs:sequence>
                    </xs:complexType>
                  </xs:element>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:attribute name="ISO_LANGUAGE_ID" use="required">
              <xs:annotation>...</xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:language">
                  <xs:pattern value="[A-Z]{2}" />
                </xs:restriction>
              </xs:simpleType>
            </xs:attribute>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="FULL_TEXT" type="languagetext" minOccurs="0">
  <xs:annotation>...</xs:annotation>
</xs:element>
<xs:element name="PLANNING_ADVICE" type="languagetext" minOccurs="0">
  <xs:annotation>...</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
```

Description in the documentation:

## SHORT\_TEXT:

This element contains a short text that describes the series.

## FULL\_TEXT:

The full text contains the complete description of the series. The HTML tags bold and line break can be used within the text. Images are not be included.

This element contains the full text in a CDATA node. The text must be specified in HTML format:

b Fettdruck

br Zeilenumbruch

A = Added = Adding new elements or attributes

C = Changed = Changes to existing elements, attributes or descriptive texts.

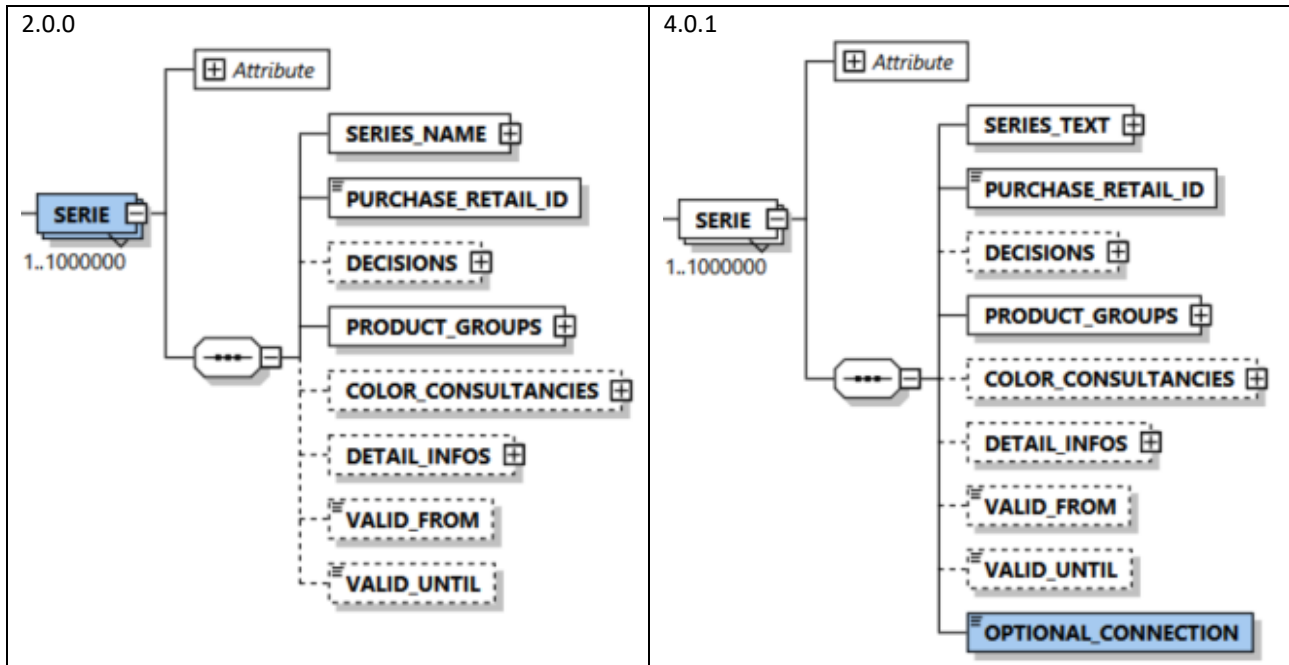
R = Removed = Deletion of elements or attributes

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



### 1.14. A New element OPTIONAL\_CONNECTION under SERIES

Decision : 2022-01-27



The Magnet Planner Working Group requested a flag that would allow for additional setting options beyond the normal setting options, in order to be able to continue to use the rules in existing catalogues with custom setting points that are currently in use and have been replaced by AVN or AVS.

The new element OPTIONAL\_CONNECTION under SERIES has the data type boolean with the default value 0.

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

#### Description in the documentation:

This element makes it possible to allow further connection options beyond the standard connection options.

0 = no additional connection options, only the connection options described in the 2D documentation

1 = additional connection options AVN1-n to AVL and AVS1-n to AVR

A = Added = Adding new elements or attributes

C = Changed = Changes to existing elements, attributes or descriptive texts.

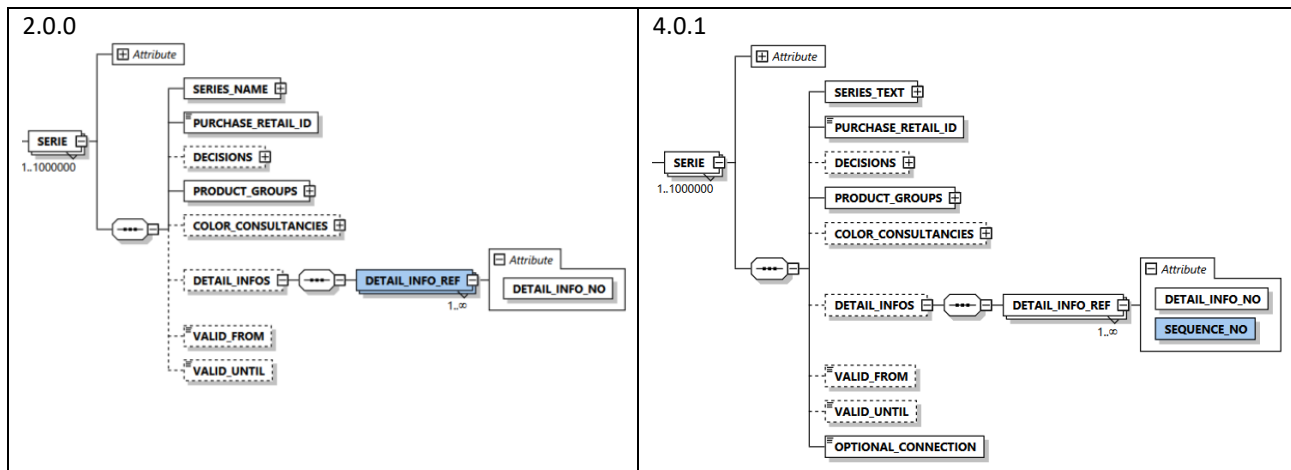
R = Removed = Deletion of elements or attributes

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



1.15. A New attribute SEQUENCE\_NO under DETAIL\_INFO\_REF below SERIES

Decision : 2022-01-27



Under the DETAIL\_INFO\_REF below SERIES is the new attribute SEQUENCE\_NO, which is a mandatory field with the data type positiveInteger.

```
<xs:attribute name="SEQUENCE_NO" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:positiveInteger"/>
  </xs:simpleType>
</xs:attribute>
```

Description in the documentation:

This attribute allows for the specification of detailed information for the series with a freely-defined sorting order.

A = Added = Adding new elements or attributes

C = Changed = Changes to existing elements, attributes or descriptive texts.

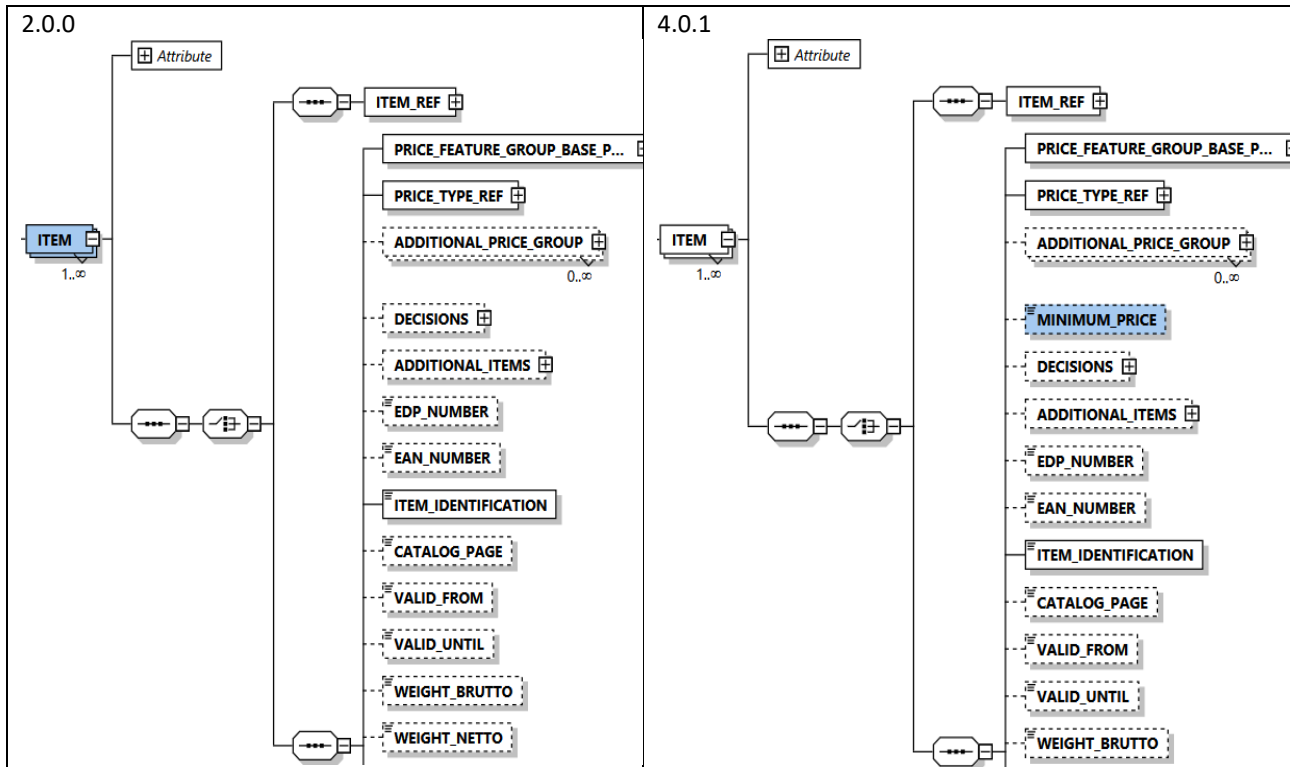
R = Removed = Deletion of elements or attributes

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



### 1.16. A New element MINIMUM\_PRICE below ITEM

Decision : 2022-01-27



The MINIMUM\_PRICE was included as an optional element in the 4th position under ITEM.

```
<xs:element name="MINIMUM_PRICE" minOccurs="0">
  <xs:annotation>...</xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="-99999999"/>
      <xs:maxInclusive value="99999999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

Description in the documentation:

This element states the minimum price of an item.

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.



### 1.17. C Changed values in the element ITEM\_IDENTIFICATION

Decision : 2022-04-27

2.0.0	4.0.1																																																				
<table><tr><td>name</td><td>ITEM_IDENTIFICATION</td></tr><tr><td>isRef</td><td><input type="checkbox"/></td></tr><tr><td>minOcc</td><td>1</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>type</td><td>xs:string</td></tr><tr><td>content</td><td>simple</td></tr><tr><td>derivedBy</td><td>restriction</td></tr><tr><td>default</td><td></td></tr><tr><td>fixed</td><td></td></tr><tr><td>nillable</td><td></td></tr><tr><td>block</td><td></td></tr><tr><td>form</td><td></td></tr><tr><td>id</td><td></td></tr></table> <div>Details SimpleType</div> <div>Facets</div> <div>[BEKSMZVP12]</div>	name	ITEM_IDENTIFICATION	isRef	<input type="checkbox"/>	minOcc	1	maxOcc	1	type	xs:string	content	simple	derivedBy	restriction	default		fixed		nillable		block		form		id		<table><tr><td>name</td><td>ITEM_IDENTIFICATION</td></tr><tr><td>isRef</td><td><input type="checkbox"/></td></tr><tr><td>minOcc</td><td>1</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>type</td><td>xs:string</td></tr><tr><td>content</td><td>simple</td></tr><tr><td>derivedBy</td><td>restriction</td></tr><tr><td>default</td><td></td></tr><tr><td>fixed</td><td></td></tr><tr><td>nillable</td><td></td></tr><tr><td>block</td><td></td></tr><tr><td>form</td><td></td></tr><tr><td>id</td><td></td></tr></table> <div>Details SimpleType</div> <div>Facets</div> <div>[K123]</div>	name	ITEM_IDENTIFICATION	isRef	<input type="checkbox"/>	minOcc	1	maxOcc	1	type	xs:string	content	simple	derivedBy	restriction	default		fixed		nillable		block		form		id	
name	ITEM_IDENTIFICATION																																																				
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derivedBy	restriction																																																				
default																																																					
fixed																																																					
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form																																																					
id																																																					

The values B = block, E = spare part, S = special article, M = additional equipment, Z = combination, V = allocation block and P = allocation item are excluded in the element ITEM\_IDENTIFICATION. Instead, the value 3 (preferential combination with pricing at individual item level) is added.

```
<xs:element name="ITEM_IDENTIFICATION">
  <xs:annotation>...</xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:pattern value="[K123]"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

Description in the documentation:

This element is used to assign an identifier to the item:

K = Catalogue item

1 = Planning proposal

2 = Preferred combination

3 = preferred combination with pricing on individual item level

The following applies for the planning proposal (1):

The individual items in the part list can accept the default values. There must not be any sub-positions that are only sub-positions and that cannot be ordered individually. Only the resulting items are ordered. The composition itself never appears in the order forms. The positions are eliminated and options passed down in the planning. The

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.



individual positions must

then be positioned in the magnet planner in their order from left-to-right. Planning suggestions may contain preferred combinations.

The following rules apply to preferred combinations:

It must not contain a planning suggestion. If a preferred combination is eliminated (e.g. by deleting a sub-position), the individual prices are newly determined for the individual positions, and the price advantage no longer applies. The pricing takes place exclusively on main position level.

The price for the preferred combination with pricing on individual item level results from the main position and the individual items.

### 1.18. C New pattern in element TK\_TYPE

Decision : 2022-09-06

2.0.0

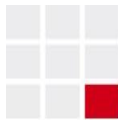
```
<xs:element name="TK_TYPE" minOccurs="1" maxOccurs="1">
  <xs:annotation>...</xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:positiveInteger">
      <xs:maxInclusive value="2000"/>
      <xs:minInclusive value="1000"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

4.0.1

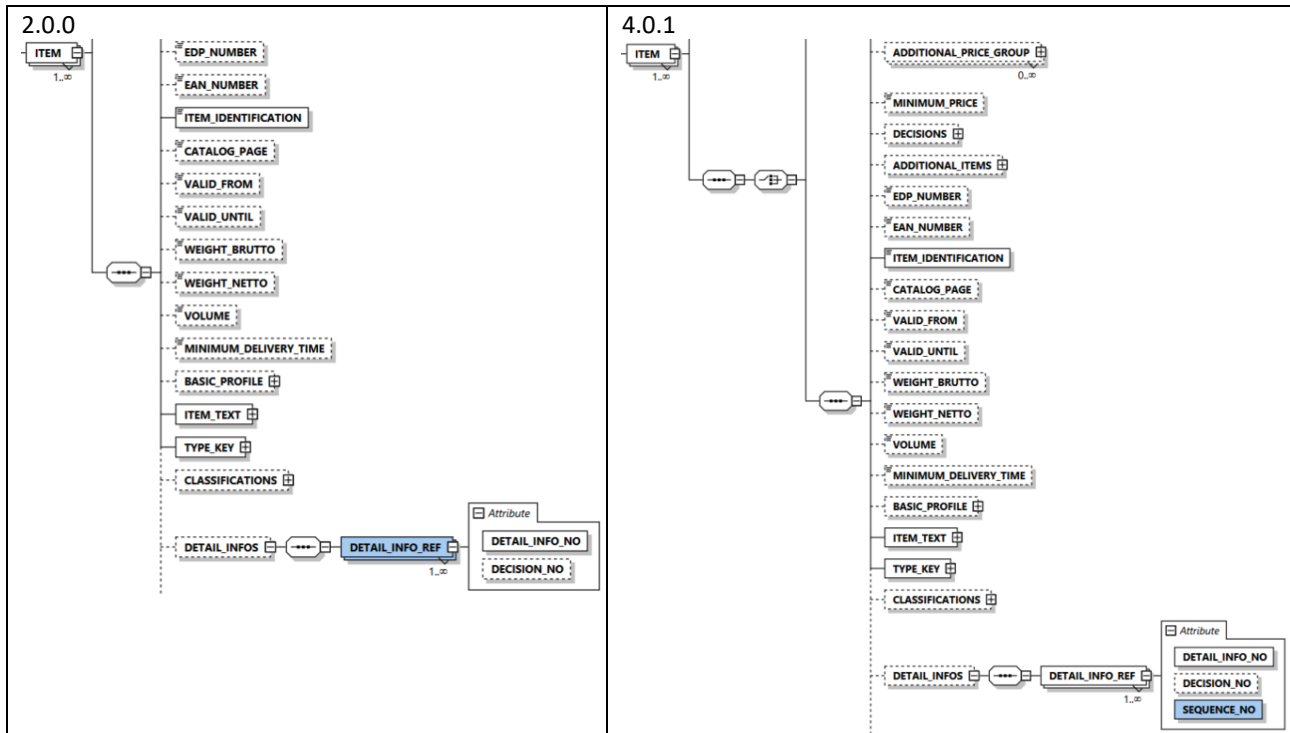
```
<xs:element name="TK_TYPE">
  <xs:annotation>...</xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:positiveInteger">
      <xs:maxInclusive value="26"/>
      <xs:pattern value="[1-9]|1[0134589]|2[15]|10[1-9]0|11[0-9]0|12[0-9]0|13[0-5]0"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

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





1.19. A New attribute SEQUENCE\_NO under DETAIL\_INFO\_REF below ITEM Decision : 2022-01-27



Under the DETAIL\_INFO\_REF below ITEM, in the 3rd position, there is the new attribute SEQUENCE\_NO, which is a mandatory field with the data type positiveInteger.

```
<xs:attribute name="SEQUENCE_NO" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:positiveInteger"/>
  </xs:simpleType>
</xs:attribute>
```

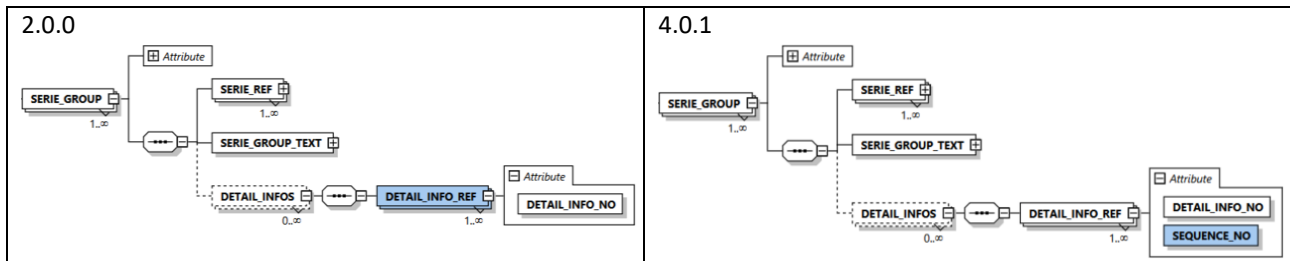
Description in the documentation:

This attribute allows for the specification of detailed information for the item with a freely-defined sorting order.



### 1.20. A New attribute SEQUENCE\_NO under DETAIL\_INFO\_REF below SERIES\_GROUP

Decision : 2022-01-27



Under the DETAIL\_INFO\_REF below ITEM is the new attribute SEQUENCE\_NO, which is a mandatory field with the data type positiveInteger.

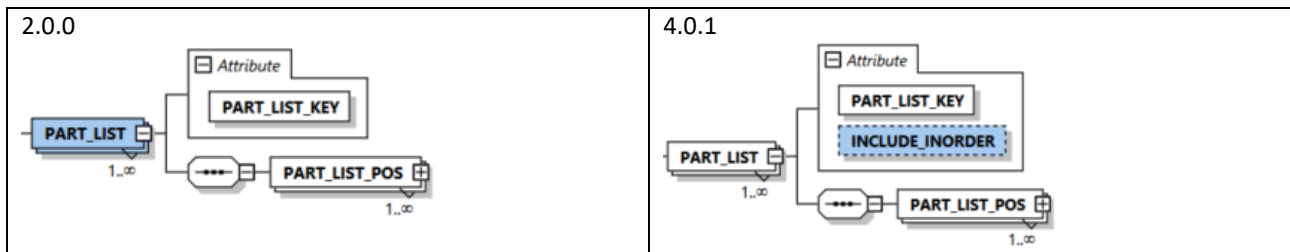
```
<xs:attribute name="SEQUENCE_NO" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:positiveInteger"/>
  </xs:simpleType>
</xs:attribute>
```

Description in the documentation:

This attribute allows for the specification of detailed information for the series group with a freely-defined sorting order.

### 1.21. A New attribute INCLUDE\_INORDER under PART\_LIST

Decision : 2022-01-27



Under PART\_LIST the optional attribute INCLUDE\_INORDER with the data type boolean has been included. The default value is True (1).

```
<xs:element name="PART_LIST" maxOccurs="unbounded">
  <xs:annotation>...</xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PART_LIST_POS" maxOccurs="unbounded">...</xs:element>
    </xs:sequence>
    <xs:attribute name="PART_LIST_KEY" use="required">...</xs:attribute>
    <xs:attribute name="INCLUDE_INORDER" type="xs:boolean" use="optional" default="1"/>
  </xs:complexType>
</xs:element>
```

Description in the documentation:

This attribute can be assigned to a part list. The value true (1) means that the part list is included as an item in an order. The value false (0) means it is not in the order, and the default value is true.

A = Added = Adding new elements or attributes

C = Changed = Changes to existing elements, attributes or descriptive texts.

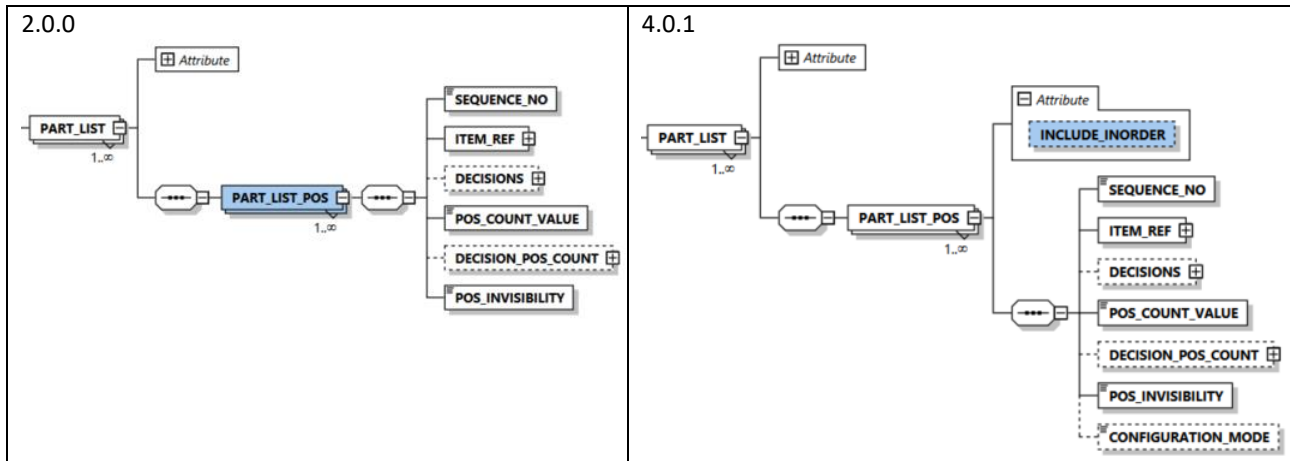
R = Removed = Deletion of elements or attributes

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



### 1.22. A New attribute INCLUDE\_INORDER under PART\_LIST\_POS

Decision : 2022-01-27



Under PART\_LIST\_POS the optional attribute INCLUDE\_INORDER with the data type boolean has been included. The default value is True (1).

```
<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="1"/>
  </xs:complexType>
</xs:element>
```

#### Description in the documentation:

This attribute can be assigned to any position in the part list. The value true (1) means that the position is included in an order. The value false (0) means it is not in the order, and the default value is true.

A = Added = Adding new elements or attributes

C = Changed = Changes to existing elements, attributes or descriptive texts.

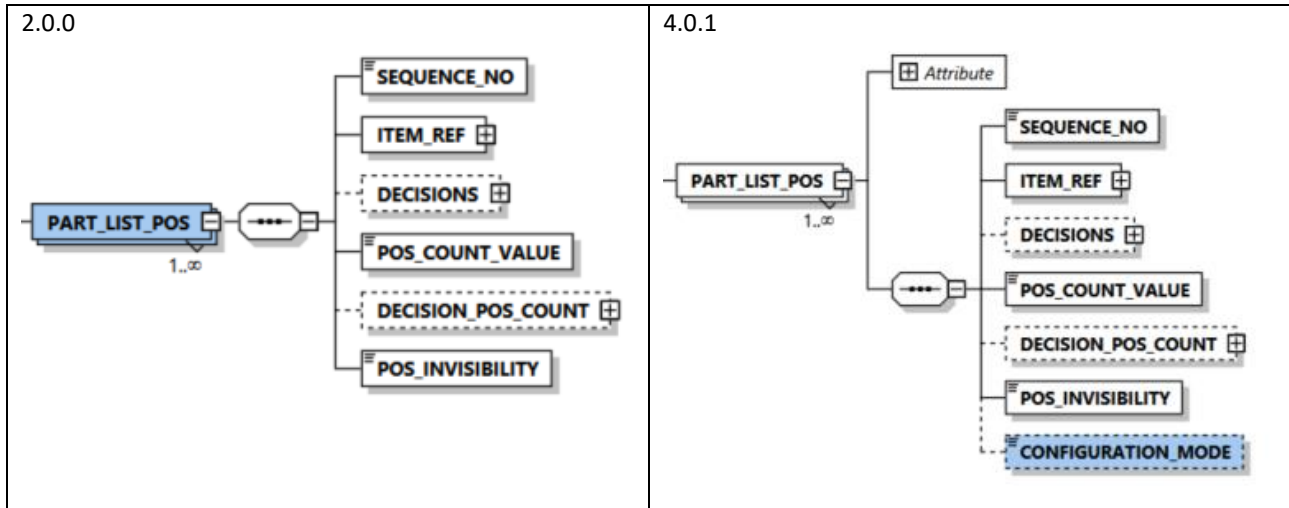
R = Removed = Deletion of elements or attributes

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



### 1.23. A New element CONFIGURATION\_MODE under PART\_LIST\_POS

Decision : 2022-01-27



The optional element CONFIGURATION\_MODE is in the 7th position under PART\_LIST\_POS. It specifies the configuration behaviour for BOM items and may contain the values 0-2.

```
<xs:element name="CONFIGURATION_MODE" default="0" minOccurs="0">
  <xs:annotation>...</xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:nonNegativeInteger">
      <xs:maxInclusive value="2"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

#### Description in the documentation:

A CONFIGURATION\_MODE value can be given for each PART\_LIST\_POS element:

0 = configuration allowed for non-inherited versions

1 = fully configurable

2 = configuration not permitted

The default value is 0.

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.



### 1.24. C Changed data type in POS\_INVISIBILITY

Decision : 2022-04-27

2.0.0

```
<xs:element name="POS_INVISIBILITY">
  <xs:annotation>...</xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="0" />
      <xs:maxInclusive value="2" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

4.0.1

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

Instead of the data type integer with the 3 permitted values 0, 1 and 2 in the element POS\_INVISIBILITY, the data type boolean has now been stored. It is now only possible to set whether the BOM item is visible or not. There is no longer a distinction between visibility in the configuration or in the order. The default value is False (0).

#### Description in the documentation:

This element controls the visibility of a position in the configurator. The invisibility only applies to the specific position, not to a potentially existing sub-tree. This means that invisibility must in this case be specified at each sub-position.

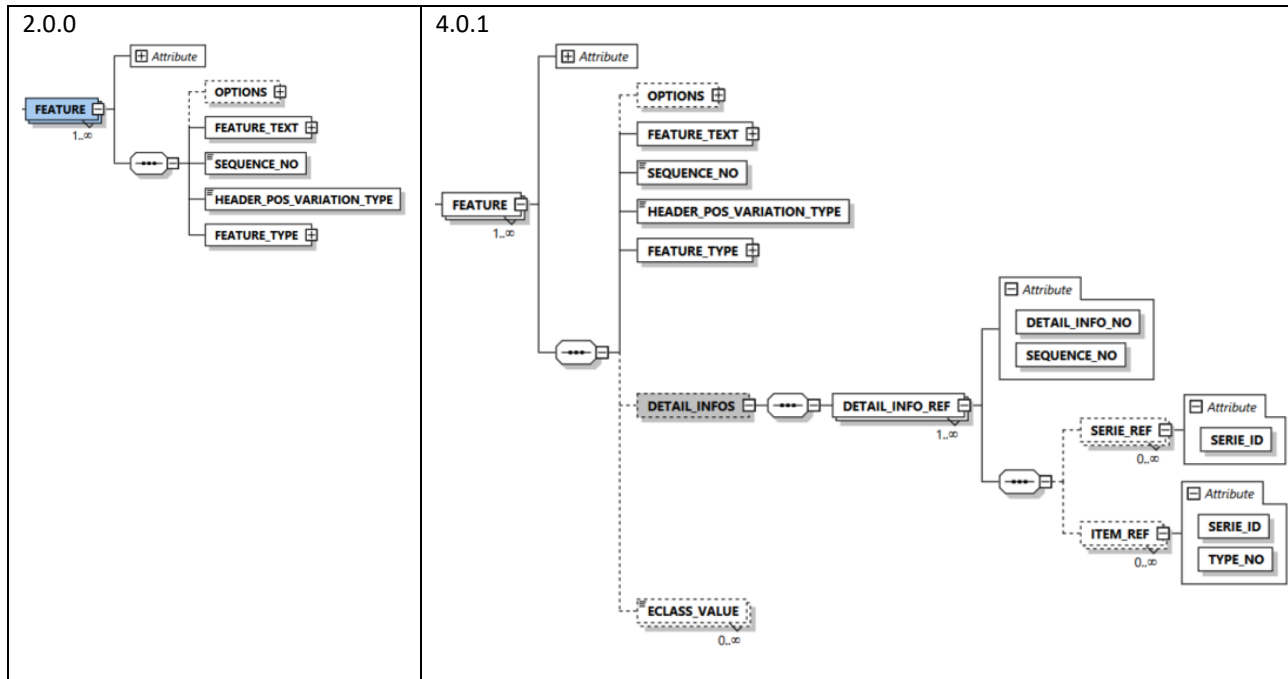
0 = completely visible

1 = fully invisible



1.25. A New element DETAIL\_INFOS under FEATURE

Decision : 2022-01-27



The complex element with all its sub-elements and attributes is now attached below Feature at position 6. It is identical to the DETAIL\_INFOS under OPTION.

Description in the documentation:

**DETAIL\_INFOS:**

This element is used to assign media. It is possible to assign a number of detailed information points to one version, and each image of the version can then be assigned to specific series or items. The respective image will then only be displayed for the corresponding series or item.

The referencing of media (detailed information) to version types that also contain information on series or items may only be done once per medium, which means that if a number of series or items are referenced, then they all need to be listed when specifying the detailed information.

**SEQUENCE\_NO:**

This attribute allows for the specification of detailed information for the features with a freely-defined sorting order.

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.





```
<xs:element name="DETAIL_INFOS" minOccurs="0">
  <xs:annotation> [...] </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DETAIL_INFO_REF" maxOccurs="unbounded">
        <xs:annotation> [...] </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="SERIE_REF" minOccurs="0" maxOccurs="unbounded">
              <xs:annotation> [...] </xs:annotation>
              <xs:complexType>
                <xs:attribute name="SERIE_ID" use="required">
                  <xs:annotation> [...] </xs:annotation>
                  <xs:simpleType>
                    <xs:restriction base="xs:string">
                      <xs:minLength value="1"/>
                      <xs:maxLength value="36"/>
                    </xs:restriction>
                  </xs:simpleType>
                </xs:attribute>
              </xs:complexType>
            </xs:element>
            <xs:element name="ITEM_REF" minOccurs="0" maxOccurs="unbounded">
              <xs:annotation> [...] </xs:annotation>
              <xs:complexType>
                <xs:attribute name="SERIE_ID" use="required">
                  <xs:annotation> [...] </xs:annotation>
                  <xs:simpleType>
                    <xs:restriction base="xs:string">
                      <xs:minLength value="1"/>
                      <xs:maxLength value="36"/>
                    </xs:restriction>
                  </xs:simpleType>
                <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(?:\S|\S)?"/>
                    </xs:restriction>
                  </xs:simpleType>
                </xs:attribute>
              </xs:complexType>
            </xs:element>
          </xs:sequence>
          <xs:attribute name="DETAIL_INFO_NO" use="required">
            <xs:annotation> [...] </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:positiveInteger">
                <xs:maxInclusive value="999999999"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:attribute>
          <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>
```

A = Added = Adding new elements or attributes

C = Changed = Changes to existing elements, attributes or descriptive texts.

R = Removed = Deletion of elements or attributes

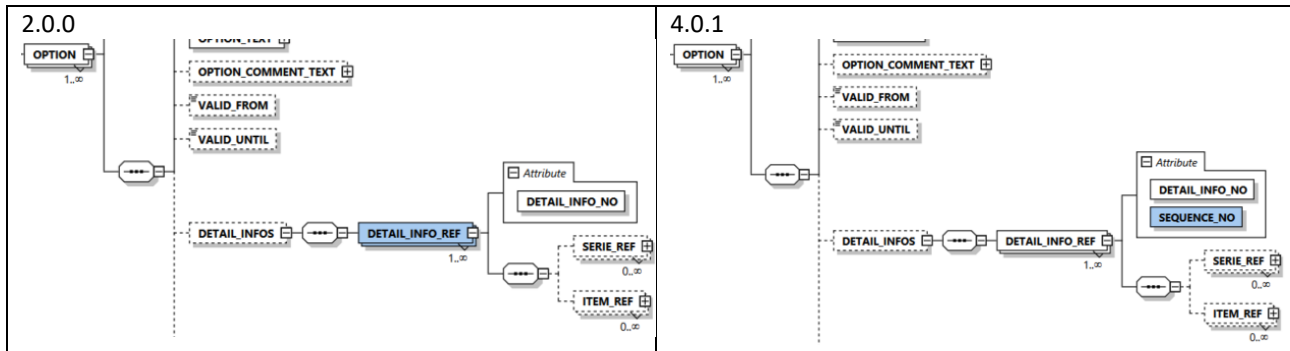
F = Fixed = Error corrections to existing elements, attributes or descriptive texts.





1.26. A New attribute SEQUENCE\_NO under DETAIL\_INFO\_REF below  
OPTION

Decision : 2022-01-27



Under the DETAIL\_INFO\_REF below OPTION is the new attribute SEQUENCE\_NO, which is a mandatory field with the data type positiveInteger.

```
<xs:attribute name="SEQUENCE_NO" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:positiveInteger"/>
  </xs:simpleType>
</xs:attribute>
```

Description in the documentation:

This attribute allows for the specification of detailed information for the options with a freely-defined sorting order.



### 1.27. A Create a global simple type for measure\_unit

Decision : 2022-01-27

In addition to the global types for language texts and operators, there is now also a globally defined simple type for measure\_unit. This means that the units of measurement are only maintained once and can be used in any number of places. This avoids diverging lists of values.

element	<b>T_NEW_CATALOG</b>
simpleType	<b>operator</b>
complexType	<b>languagetext30</b>
complexType	<b>languagetext40</b>
complexType	<b>languagetext60</b>
complexType	<b>languagetext</b>
simpleType	<b>measure_unit</b>

```
<xs:simpleType name="measure_unit">
  <xs:restriction base="xs:string">
    <xs:enumeration value="MMT"/>
    <xs:enumeration value="CMT"/>
    <xs:enumeration value="DMT"/>
    <xs:enumeration value="MTR"/>
    <xs:enumeration value="KTM"/>
    <xs:enumeration value="INH"/>
    <xs:enumeration value="FOT"/>
    <xs:enumeration value="YRD"/>
    <xs:enumeration value="MMK"/>
    <xs:enumeration value="CMK"/>
    <xs:enumeration value="DMK"/>
    <xs:enumeration value="MTK"/>
    <xs:enumeration value="INK"/>
    <xs:enumeration value="FTK"/>
    <xs:enumeration value="YDK"/>
    <xs:enumeration value="MGM"/>
    <xs:enumeration value="GRM"/>
    <xs:enumeration value="KGM"/>
    <xs:enumeration value="TNE"/>
    <xs:enumeration value="LBR"/>
    <xs:enumeration value="MMQ"/>
    <xs:enumeration value="CMQ"/>
    <xs:enumeration value="DMQ"/>
    <xs:enumeration value="MTQ"/>
    <xs:enumeration value="INQ"/>
    <xs:enumeration value="FTQ"/>
    <xs:enumeration value="YDQ"/>
    <xs:enumeration value="HLT"/>
    <xs:enumeration value="LTR"/>
    <xs:enumeration value="MLT"/>
    <xs:enumeration value="H87"/>
  </xs:restriction>
</xs:simpleType>
```

Description in the documentation:

This simple data type defines a list of values for units of measurement in common code.



### 1.28. C New data type for MEASURE\_UNIT under FEATURE\_TYPE

Decision : 2022-01-27

2.0.0	<pre>&lt;xs:element name="MEASURE_UNIT" type="xs:string"&gt;       &lt;xs:annotation&gt; [...] &lt;/xs:annotation&gt;     &lt;/xs:element&gt;</pre>
4.0.1	<pre>&lt;xs:element name="MEASURE_UNIT" type="measure_unit"&gt;       &lt;xs:annotation&gt; [...] &lt;/xs:annotation&gt;     &lt;/xs:element&gt;</pre>

The data type string, which previously allowed all values, has now become a new data type measure\_unit with a fixed list of values in the Common Code.

#### Description in the documentation:

This element is used to specify the unit of measure.

### 1.29. C New data type for MEASURE\_UNIT under OPTION\_DEFINITION

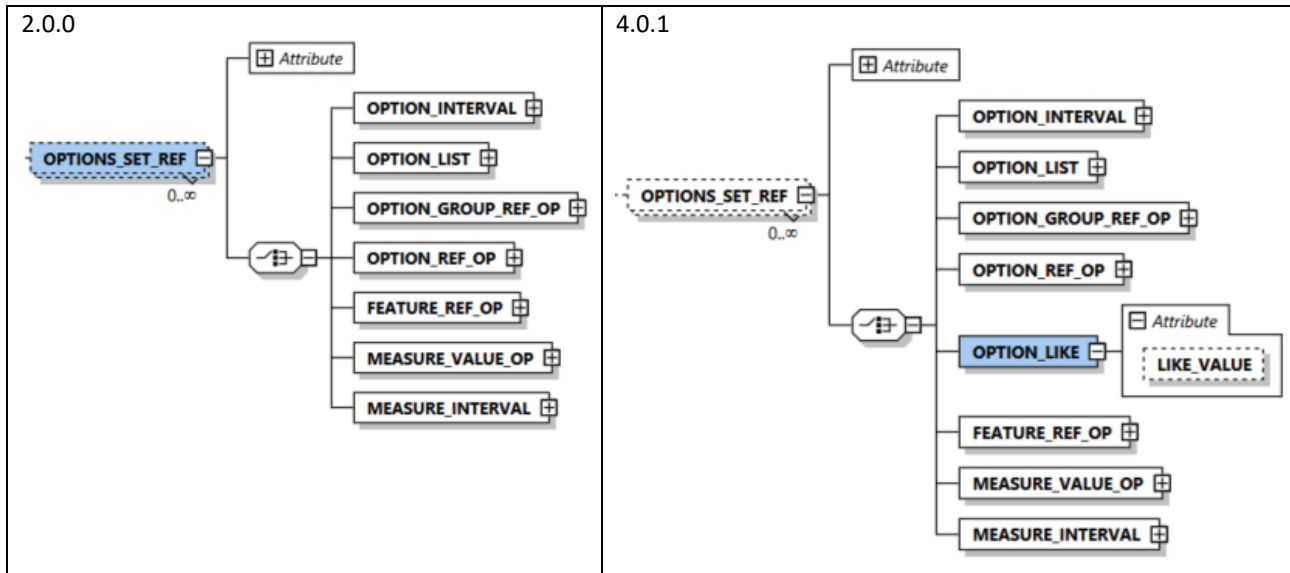
Decision : 2022-01-27

2.0.0	<pre>&lt;xs:element name="MEASURE_UNIT" type="xs:string"&gt;       &lt;xs:annotation&gt; [...] &lt;/xs:annotation&gt;     &lt;/xs:element&gt;</pre>
4.0.1	<pre>&lt;xs:element name="MEASURE_UNIT" type="measure_unit"&gt;       &lt;xs:annotation&gt; [...] &lt;/xs:annotation&gt;     &lt;/xs:element&gt;</pre>

The data type string, which previously allowed all values, has now become a new data type measure\_unit with a fixed list of values in the Common Code.

#### Description in the documentation:

This element is used to specify the unit of measure.



Under OPTIONS\_SET\_REF below DECISION at position 5 the new element OPTION\_LIKE has been added. It contains the attribute LIKE\_VALUE which can contain a string of 1 to 30 characters.

```
<xs:element name="OPTION_LIKE">
  <xs:annotation>...</xs:annotation>
  <xs:complexType>
    <xs:attribute name="LIKE_VALUE">
      <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>
```

Description in the documentation:

#### OPTION\_LIKE:

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

#### LIKE\_VALUE:

Hier wird die Vergleichszeichenfolge eingetragen. Ähnlich wie beim SQL-Vergleichsoperator LIKE darf sie die Zeichen '\_' für ein beliebiges Zeichen und '%' für eine beliebige Zeichenfolge beinhalten.

A = Added = Adding new elements or attributes

C = Changed = Changes to existing elements, attributes or descriptive texts.

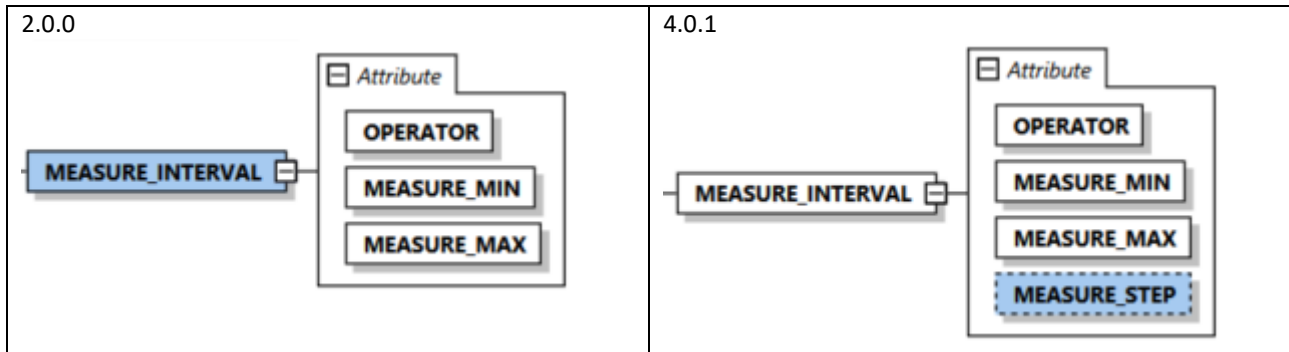
R = Removed = Deletion of elements or attributes

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



### 1.31. A New attribute MEASURE\_STEP under MEASURE\_INTERVAL

Decision : 2022-01-27



The new attribute MEASURE\_STEP below MEASURE\_INTERVAL is optional and is in the 4th position. It represents the possible step sizes within the permitted dimension values.

```
<xs:attribute name="MEASURE_STEP" type="xs:nonNegativeInteger">  
  <xs:annotation>...</xs:annotation>  
</xs:attribute>
```

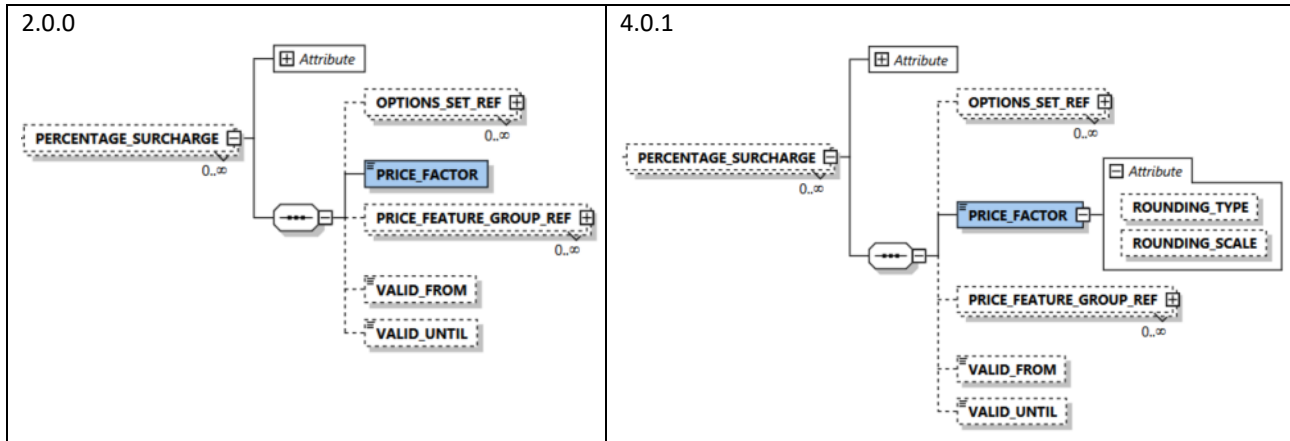
Description in the documentation:

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



1.32. A New attributes under PRICE\_FACTOR

Decision : 2022-01-27



Under PRICE\_FACTOR, the two attributes ROUNDDING\_TYPE of the data type positiveInteger with the permitted values 1, 2 and 3 and ROUNDDING\_SCALE of the data type integer with the permitted values -3 to 2 were included.

Description in the documentation:

**ROUNDING\_TYPE:**

This element specifies the type of rounding.

1 = rounding up

2 = rounding down

3 = commercial rounding

**ROUNDING\_SCALE:**

This element indicates how many digits to round to.

-3 = round to 1000s

-2 = round to 100s

-1 = round to 10s

0 = round to 1s

1 = round to 1 decimal place

2 = round to 2 decimal places

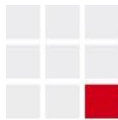
```
<xs:element name="PRICE_FACTOR">
  <xs:annotation base="..." />
  <xs:complexType>
    <xs:simpleContent>
      <xs:extension base="xs:int">
        <xs:attribute name="ROUNDING_TYPE">
          <xs:annotation base="..." />
          <xs:simpleType>
            <xs:restriction base="xs:positiveInteger">
              <xs:minInclusive value="1"/>
              <xs:maxInclusive value="3"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="ROUNDING_SCALE">
          <xs:annotation base="..." />
          <xs:simpleType>
            <xs:restriction base="xs:integer">
              <xs:minInclusive value="-3"/>
              <xs:maxInclusive value="2"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
```

A = Added = Adding new elements or attributes

C = Changed = Changes to existing elements, attributes or descriptive texts.

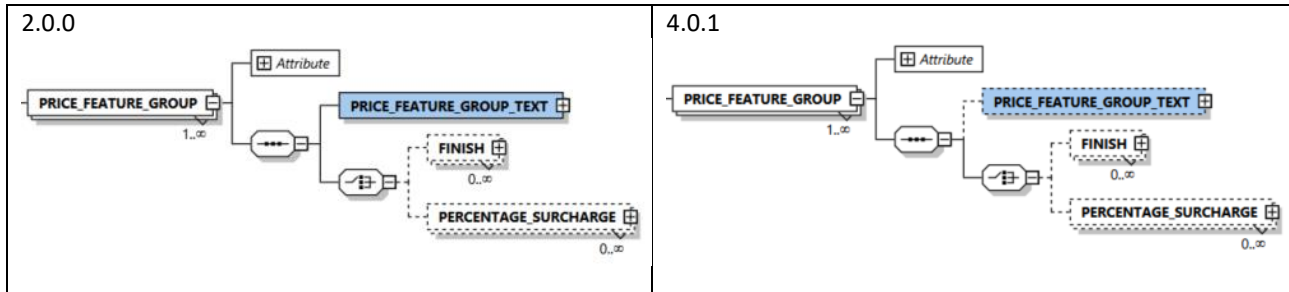
R = Removed = Deletion of elements or attributes

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



1.33. C PRICE\_FEATURE\_GROUP\_TEXT becomes optional

Decision : 2022-01-27



The PRICE\_FEATURE\_GROUP\_TEXT element is now no longer a mandatory field. The value minOccurs was set to 0.

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

1.34. F Changed pattern with global complexType languagetext30

Decision : 2022-04-27



Since \S was interpreted differently, it was decided to use a different regular expression. The new pattern now allows uniquely protected spaces in languagetext30.





### 1.35. F Changed pattern with global complexType languagetext40

Decision : 2022-04-27

2.0.0

```
<xs:complexType name="languagetext40">
  <xs:annotation base="..." />
  <xs:sequence>
    <xs:element name="LANGUAGE" maxOccurs="unbounded">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="TEXT">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:pattern value="\S {1,40}" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

4.0.1

```
<xs:element name="TEXT">
  <xs:annotation base="..." />
  <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>
```

Since \S was interpreted differently, it was decided to use a different regular expression. The new pattern now allows uniquely protected spaces in languagetext40.

### 1.36. F Changed pattern with global complexType languagetext60

Decision : 2022-04-27

2.0.0

```
<xs:complexType name="languagetext60">
  <xs:annotation base="..." />
  <xs:sequence>
    <xs:element name="LANGUAGE" maxOccurs="unbounded">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="TEXT">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:pattern value="\S {1,60}" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

4.0.1

```
<xs:element name="TEXT">
  <xs:annotation base="..." />
  <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>
```

Since \S was interpreted differently, it was decided to use a different regular expression. The new pattern now allows uniquely protected spaces in languagetext30.

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.



### 1.37. F Changed pattern for text under SERIES->SHORT\_TEXT

Decision : 2022-04-27

2.0.0

```
<xs:element name="TEXT">
  <xs:annotation>...</xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:pattern value="\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>
```

Since \S was interpreted differently, it was decided to use a different regular expression. The new pattern now allows uniquely protected spaces in the TEXT under SHORT\_TEXT below SERIES\_TEXT.

### 1.38. F Changed pattern for text under ITEM->SHORT\_TEXT

Decision : 2022-04-27

2.0.0

```
<xs:element name="TEXT">
  <xs:annotation>...</xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:pattern value="\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>
```

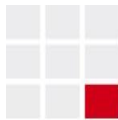
Since \S was interpreted differently, it was decided to use a different regular expression. The new pattern now allows uniquely protected spaces in the TEXT under SHORT\_TEXT below SERIES\_TEXT.

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.



## 2. Format and sector identification

### 2.1. C Changed values in the FORMAT attribute

Decision : 2022-09-06

2.0.0 <pre>&lt;xs:attribute name="FORMAT" use="required"&gt;   &lt;xs:annotation&gt;...&lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:pattern value="[ABGKOPSWZ]"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:attribute&gt;</pre>	4.0.1 <pre>&lt;xs:attribute name="FORMAT" use="required"&gt;   &lt;xs:annotation&gt;...&lt;/xs:annotation&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:pattern value="[KL]"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:attribute&gt;</pre>
---	--

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:

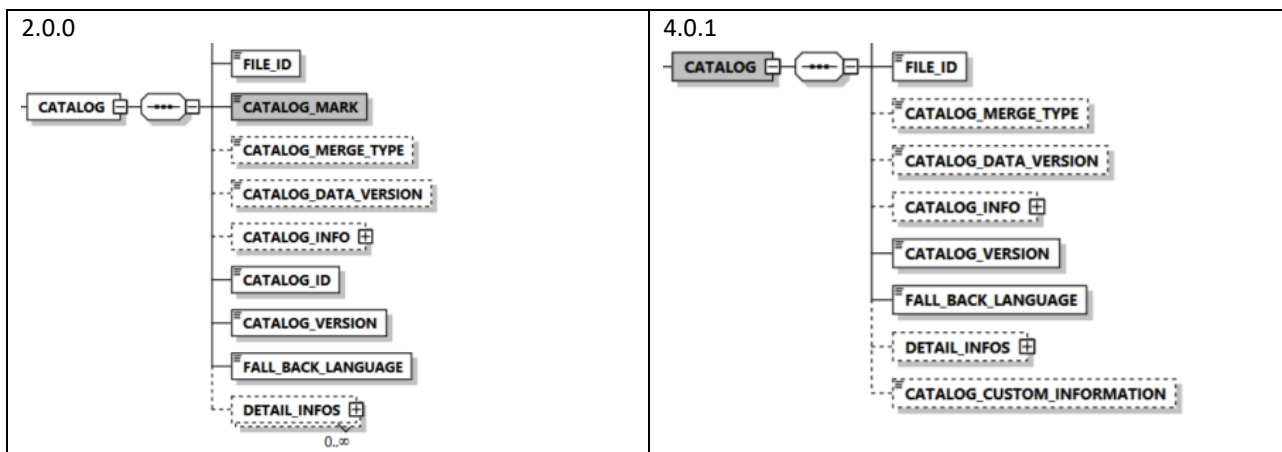
The format version is maintained in this element:

K = kitchen/bathroom

L = Living

### 2.2. R CATALOG\_MARK is deleted

Decision : 2022-04-27



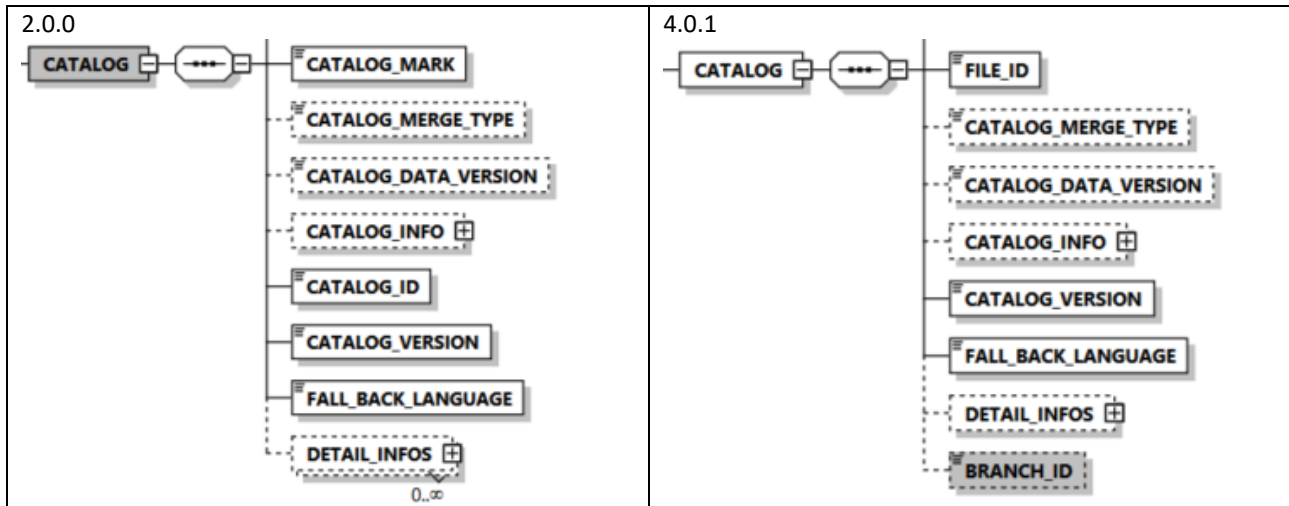
As the element CATALOG\_MARK NOCH contained kitchen-specific values and only the catalogue indicator K was used in the Living area, it is omitted.

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.



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

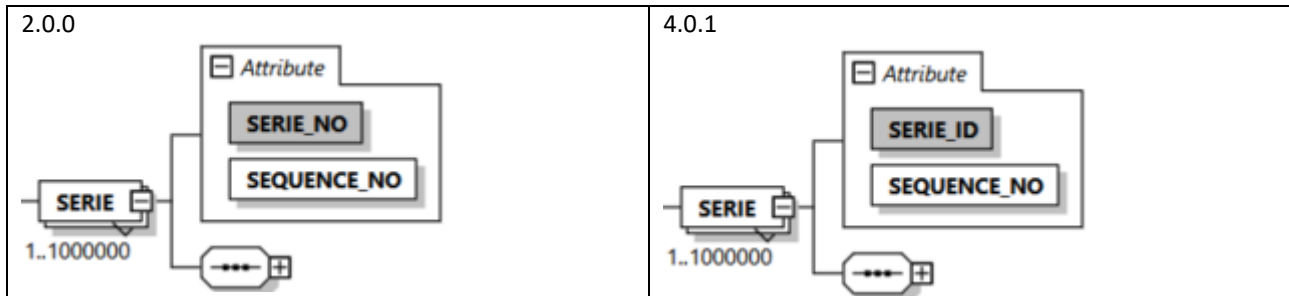
```
<xs:element name="BRANCH_ID" minOccurs="0">
  <xs:annotation value="..." />
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:pattern value="[ABCGKMOPSWZ]" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```



### 3. Series identification

#### 3.1. C Attribute SERIE\_NO below SERIE becomes SERIE\_ID

Decision : 2022-09-06



Since the 6-digit SERIE\_NO was no longer sufficient as a NonNegativeInteger, it becomes the SERIE\_ID as a 36-set string.

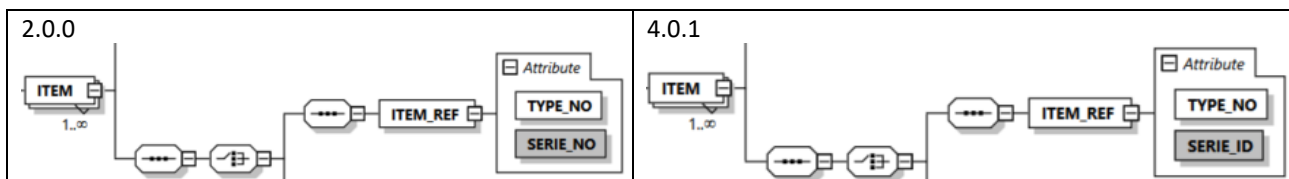
##### Description in the documentation:

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>
```

#### 3.2. C Attribute SERIE\_NO under ITEM\_REF below ITEM becomes SERIE\_ID

Decision : 2022-09-06



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.

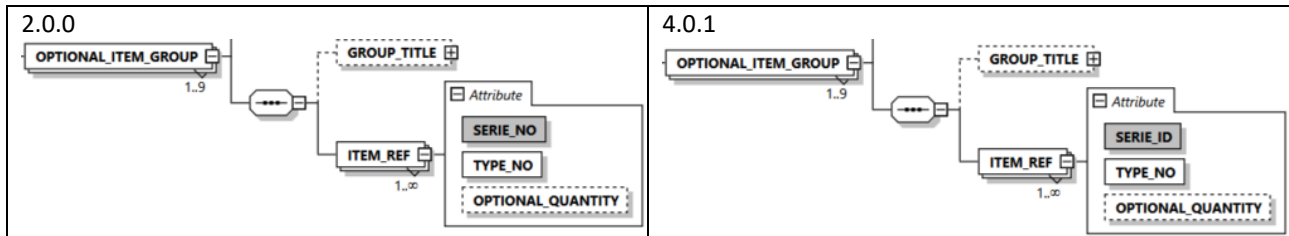
R = Removed = Deletion of elements or attributes

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



### 3.3. C Attribute SERIE\_NO under ITEM\_REF below OPTIONAL\_ITEM\_GROUP becomes SERIE\_ID

Decision : 2022-09-06



Since the 6-digit SERIE\_NO was no longer sufficient as a NonNegativeInteger, it becomes the SERIE\_ID as a 36-set string.

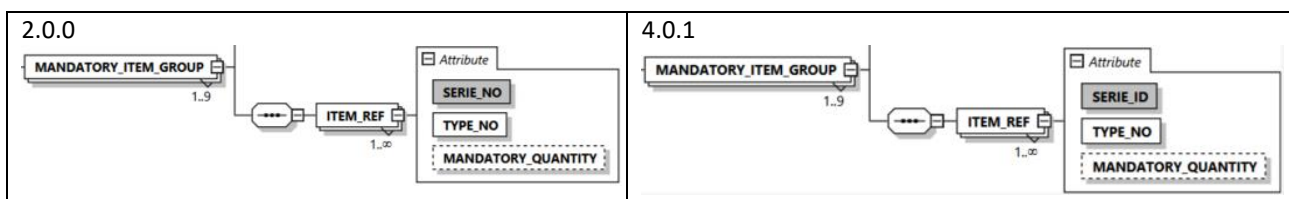
Description in the documentation:

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>
```

### 3.4. C Attribute SERIE\_NO under ITEM\_REF below MANDATORY\_ITEM\_GROUP becomes SERIE\_ID

Decision : 2022-09-06



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

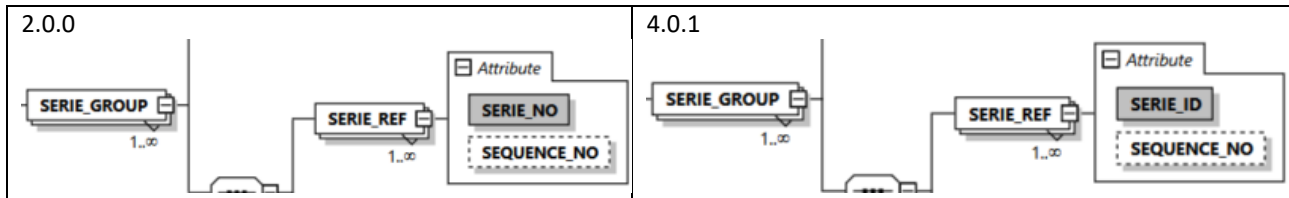
F = Fixed = Error corrections to existing elements, attributes or descriptive texts.





### 3.5. C Attribute SERIE\_NO under SERIE\_REF below SERIE\_GROUP becomes SERIE\_ID

Decision : 2022-09-06



Since the 6-digit SERIE\_NO was no longer sufficient as a NonNegativeInteger, it becomes the SERIE\_ID as a 36-set string.

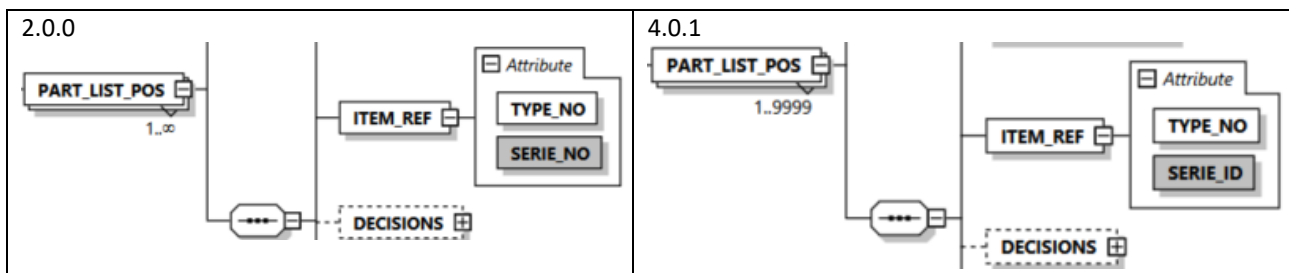
#### Description in the documentation:

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>
```

### 3.6. C Attribute SERIE\_NO under ITEM\_REF below PART\_LIST\_POS becomes SERIE\_ID

Decision : 2022-09-06



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

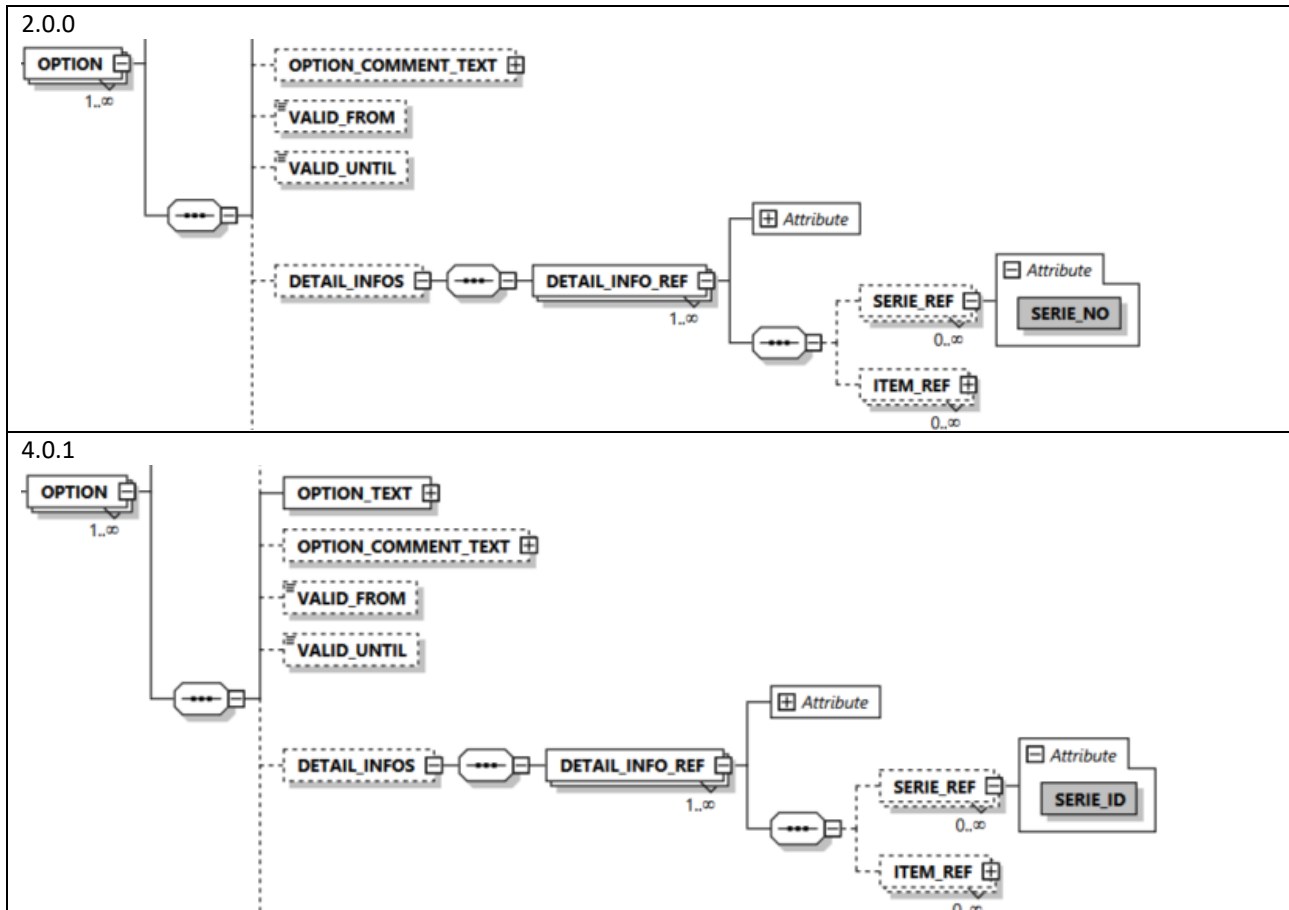
F = Fixed = Error corrections to existing elements, attributes or descriptive texts.





### 3.7. C Attribute SERIE\_NO under SERIE\_REF below OPTION becomes SERIE\_ID

Decision : 2022-09-06



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>
```

A = Added = Adding new elements or attributes

C = Changed = Changes to existing elements, attributes or descriptive texts.

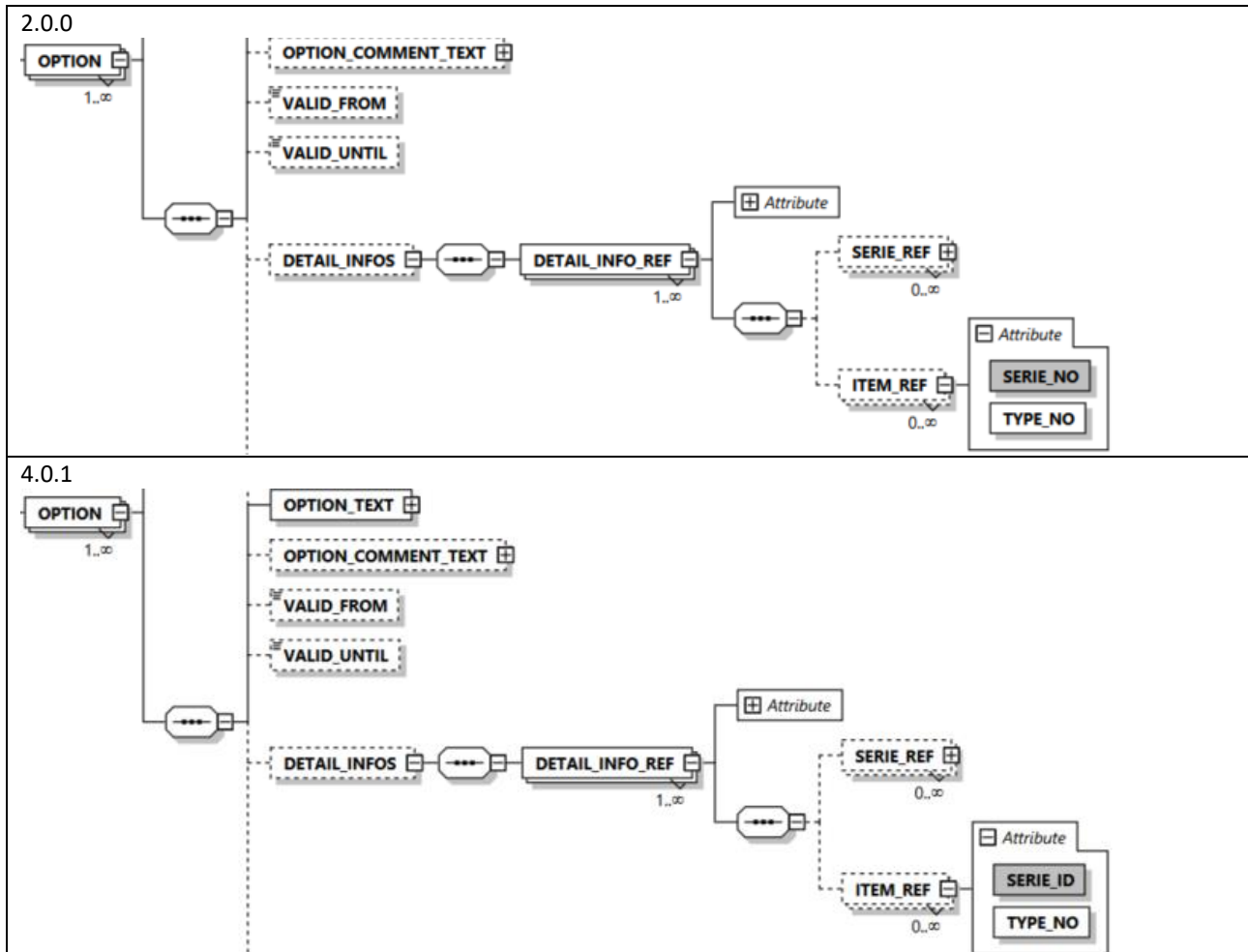
R = Removed = Deletion of elements or attributes

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



### 3.8. C Attribute SERIE\_NO under ITEM\_REF below OPTION becomes SERIE\_ID

Decision : 2022-09-06



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>
```

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. TYPE\_NO without spaces at the beginning and end

4.1. F New pattern in element TYPE\_NO under ITEM and all ITEM\_REF Decision : 2022-04-27

```
2.0.0
<xs:attribute name="TYPE_NO" use="required">
  <xs:annotation base="..."></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 base="..."></xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="30"/>
      <xs:pattern value="\S(?:\S{0,28})?"></xs:pattern>
    </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:

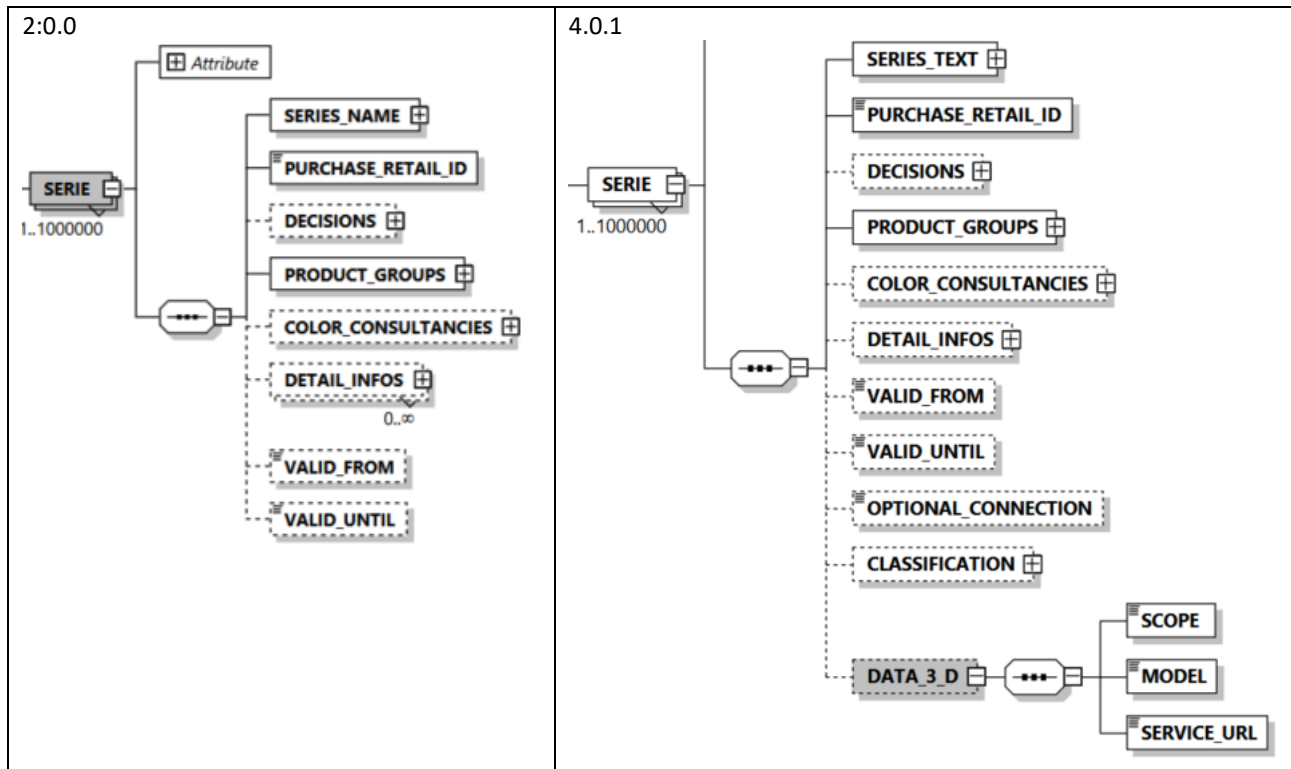
- T\_NEW\_CATALOG/SERIES/PRODUCT\_GROUPS/PRODUCT\_GROUP/ITEMS/ITEM/@TYPE\_NO
- T\_NEW\_CATALOG/SERIES/PRODUCT\_GROUPS/PRODUCT\_GROUP/ITEMS/ITEM/ITEM\_REF/@TYPE\_NO
- T\_NEW\_CATALOG/SERIES/PRODUCT\_GROUPS/PRODUCT\_GROUP/ITEMS/ITEM/ADDITIONAL\_ITEMS/OPTIONAL\_ITEMS/OPTIONAL\_ITEM\_GROUP/ITEM\_REF/@TYPE\_NO
- 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



## 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.

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.



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.

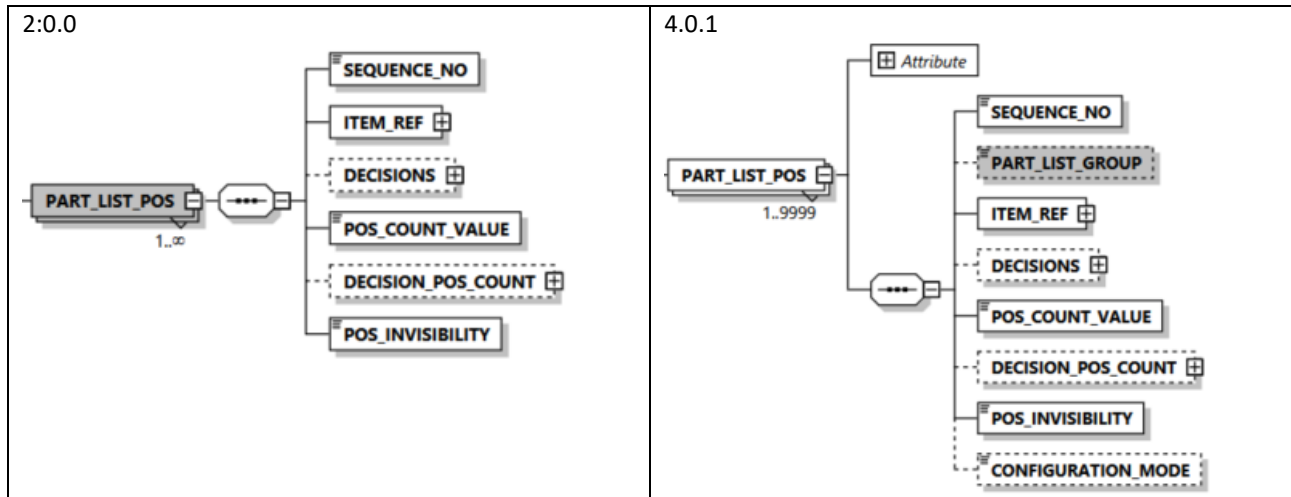
```
<xs:element name="DATA_3_D" minOccurs="0">
  <xs:annotation>...</xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SCOPE" type="xs:string">
        <xs:annotation>...</xs:annotation>
      </xs:element>
      <xs:element name="MODEL" type="xs:string">
        <xs:annotation>...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



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.

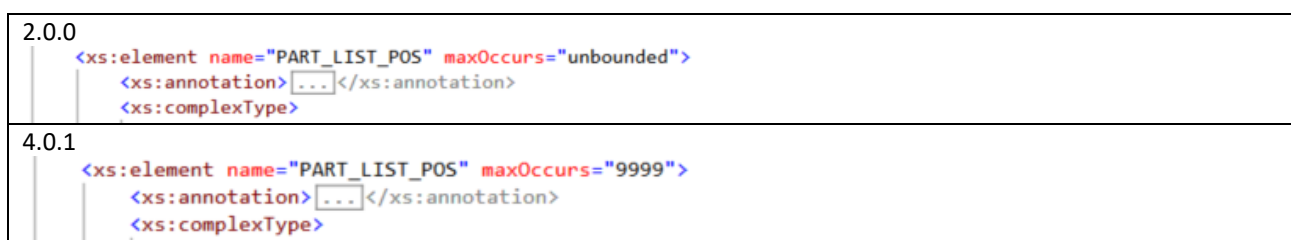
Description in the documentation:

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



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.

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.



### 6.3. C Changing the maxIncl of the SEQUENCE\_NO under PART\_LIST\_POS

Decision : 2022-04-27

2.0.0

```
<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.

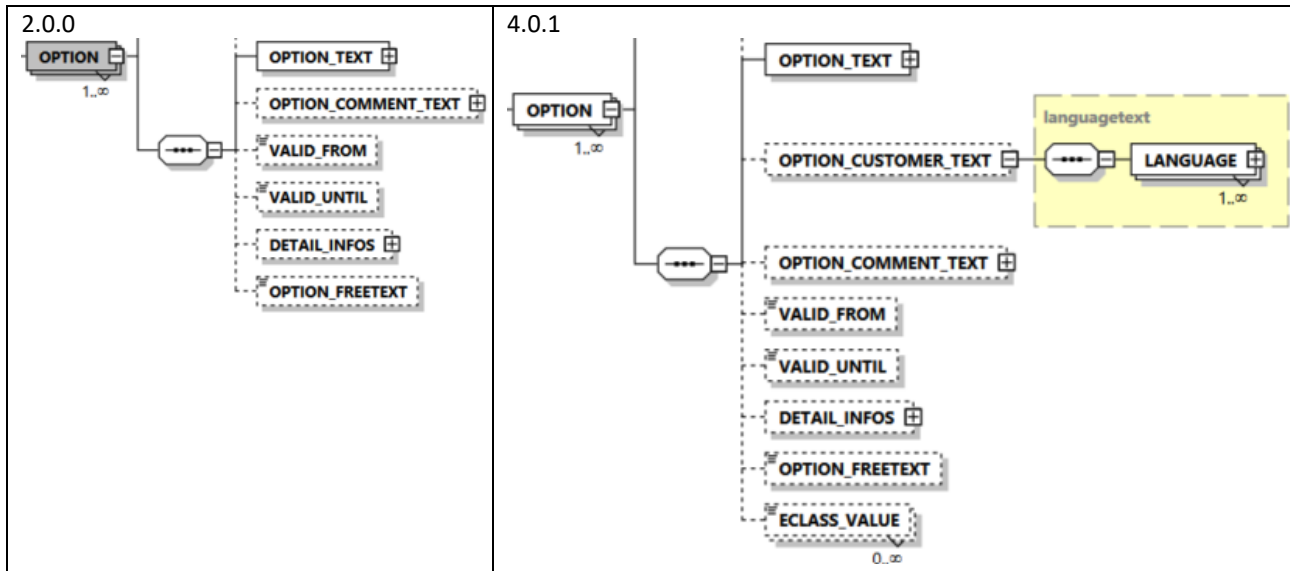




## 7. OPTION texts for end customers

### 7.1. A New element OPTION\_CUSTOMER\_TEXT

Decision : 2023-02-09

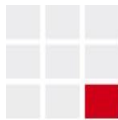


In addition to the OPTION\_TEXT, which is limited to 60 characters and is only displayed with 20 characters in some configurators, there is now the optional OPTION\_CUSTOMER\_TEXT, which, if specified, is to be used instead of the OPTION\_TEXT on end-customer forms, such as purchase contracts, etc.

#### 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.

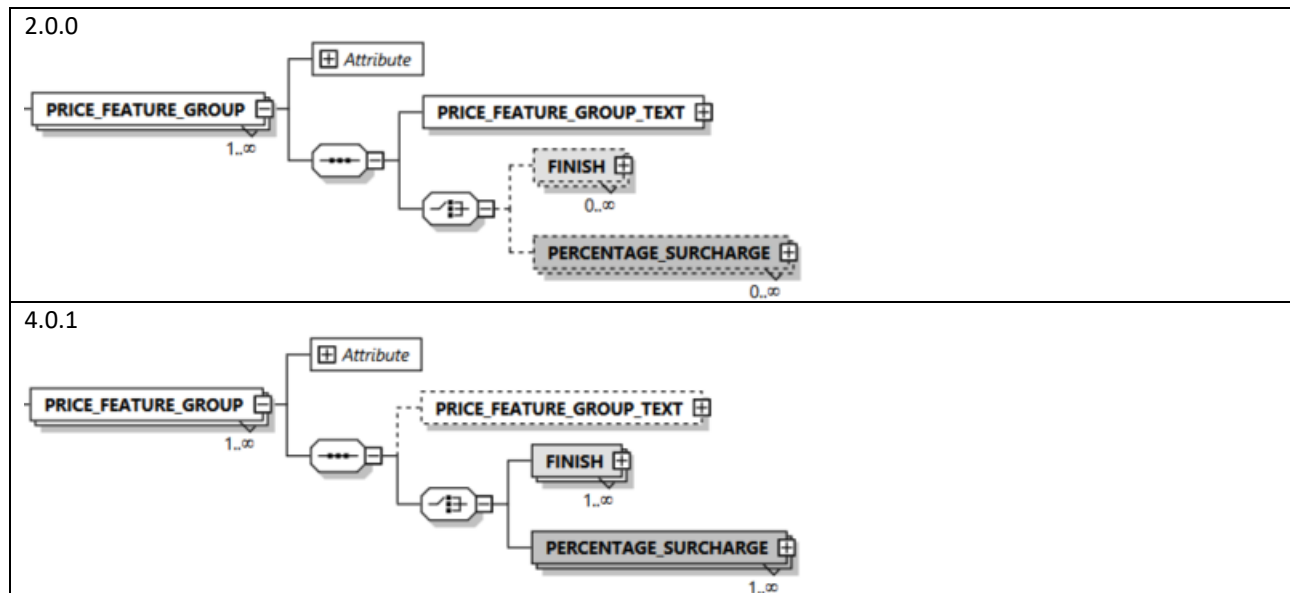
```
<xs:element name="OPTION_TEXT" type="languagetext60">
  <xs:annotation>...</xs:annotation>
</xs:element>
<xs:element name="OPTION_CUSTOMER_TEXT" type="languagetext" minOccurs="0">
  <xs:annotation>...</xs:annotation>
</xs:element>
```



## 8. Mandatory information under PRICE\_FEATURE\_GROUP

### 8.1. C FINISH and PERCENTAGE\_SURCHARGE elements mandatory

Decision : 2023-02-09



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 base="..."/>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="OPTIONS_SET_REF" minOccurs="0" maxOccurs="unbounded" base="..." type="xs:string"/>
        <xs:element name="PRICE_FIELD" base="..." type="xs:string"/>
        <xs:element name="SUPPLIER_PRICE_GROUP" base="..." type="xs:string"/>
        <xs:element name="VALID_FROM" minOccurs="0" maxOccurs="1" base="..." type="xs:string"/>
        <xs:element name="VALID_UNTIL" minOccurs="0" maxOccurs="1" base="..." type="xs:string"/>
      </xs:sequence>
      <xs:attribute name="SEQUENCE" use="required" type="xs:string"/>
    </xs:complexType>
  </xs:element>
  <xs:element name="PERCENTAGE_SURCHARGE" maxOccurs="unbounded">
    <xs:annotation base="..."/>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="OPTIONS_SET_REF" minOccurs="0" maxOccurs="unbounded" base="..." type="xs:string"/>
        <xs:element name="PRICE_FACTOR" base="..." type="xs:string"/>
        <xs:element name="PRICE_FEATURE_GROUP_REF" minOccurs="0" maxOccurs="unbounded" base="..." type="xs:string"/>
        <xs:element name="VALID_FROM" minOccurs="0" maxOccurs="1" base="..." type="xs:string"/>
        <xs:element name="VALID_UNTIL" minOccurs="0" maxOccurs="1" base="..." type="xs:string"/>
      </xs:sequence>
      <xs:attribute name="SEQUENCE" use="required" type="xs:string"/>
    </xs:complexType>
  </xs:element>
</xs:choice>
```

A = Added = Adding new elements or attributes

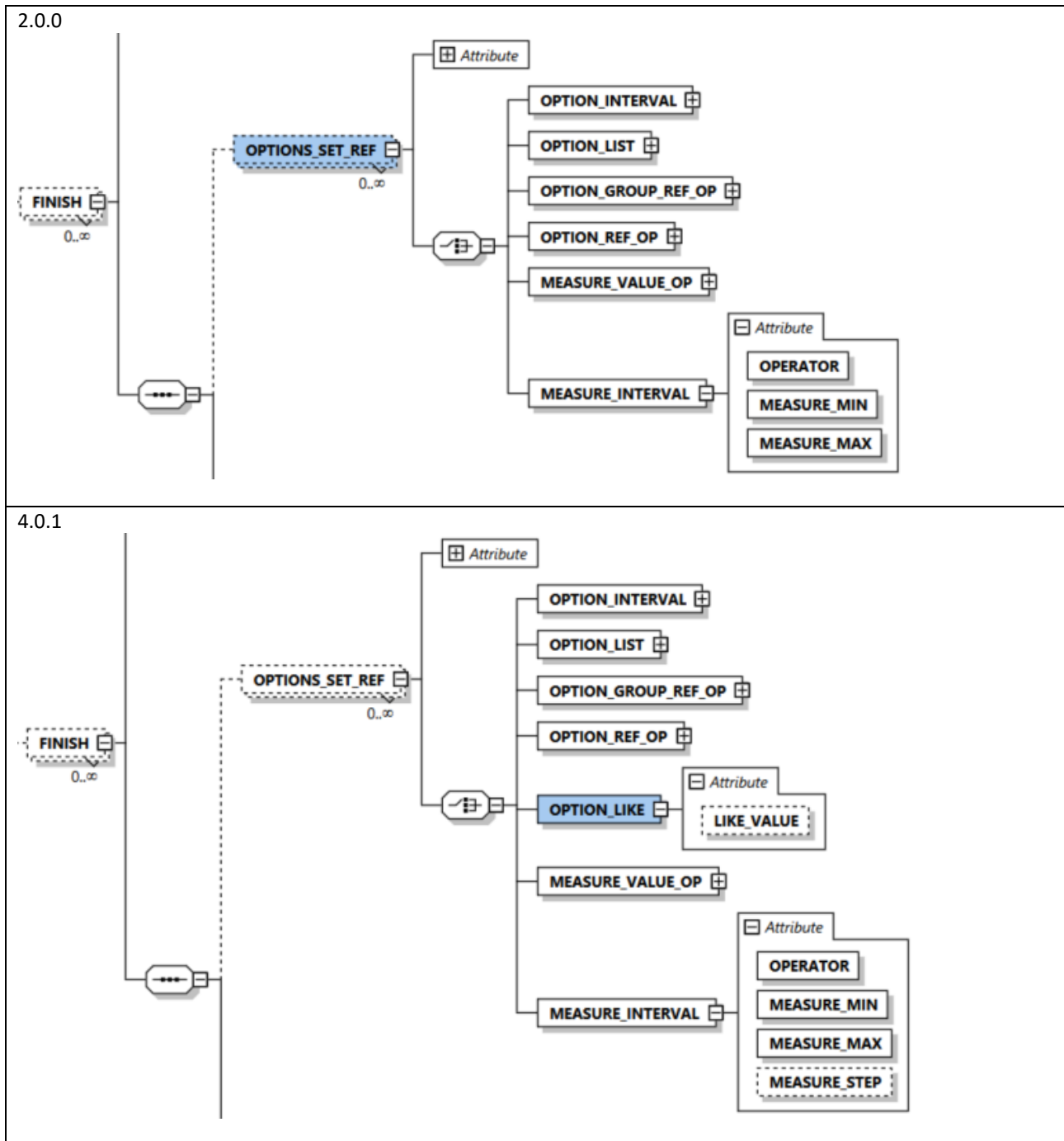
C = Changed = Changes to existing elements, attributes or descriptive texts.

R = Removed = Deletion of elements or attributes

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

## 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
------	---	---	-----------------------



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>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

A = Added = Adding new elements or attributes

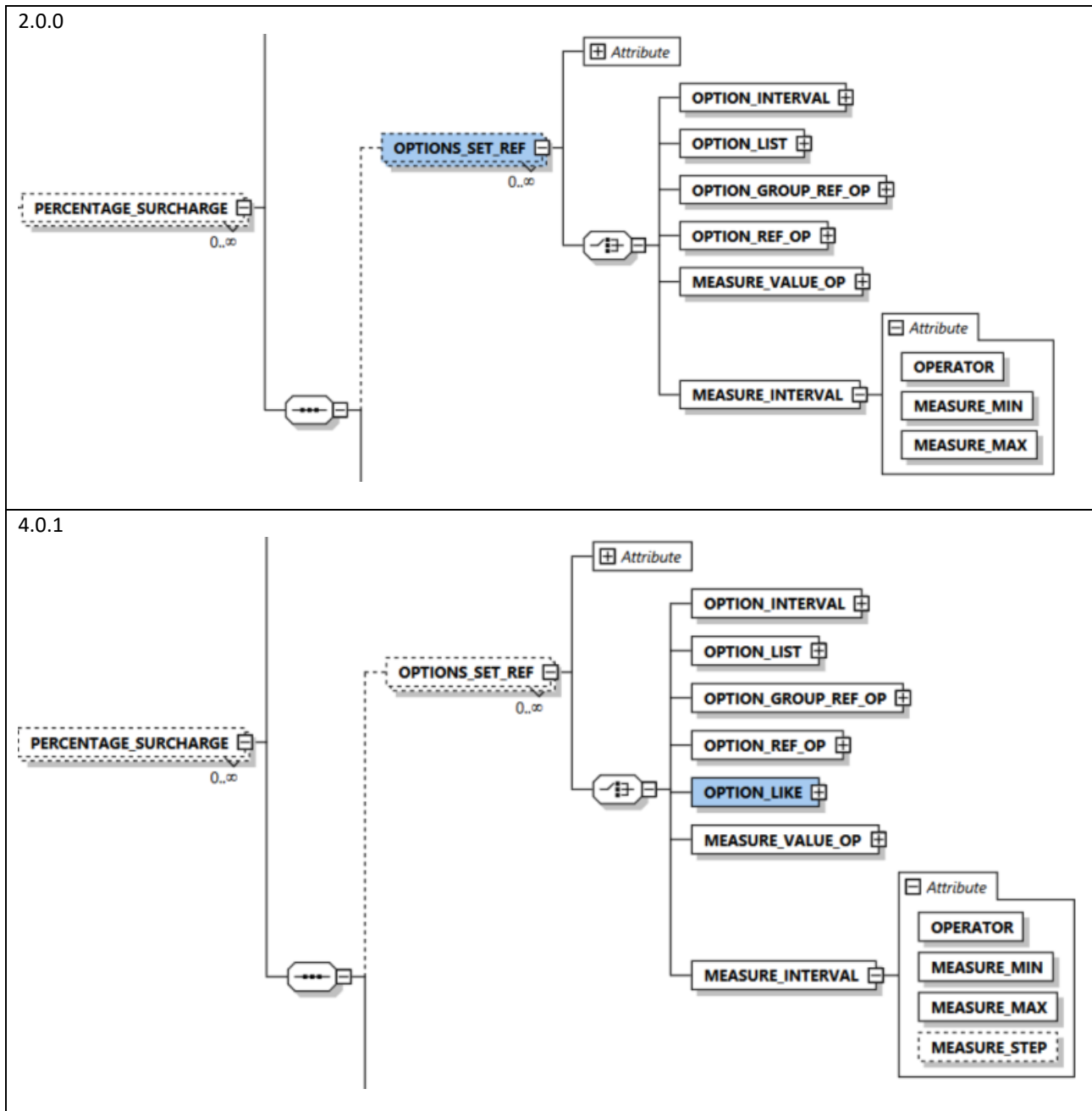
C = Changed = Changes to existing elements, attributes or descriptive texts.

R = Removed = Deletion of elements or attributes

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



9.2. A New element **OPTION\_LIKE** and new attribute **MEASURE\_STEP** in **OPTION\_SET\_REF** under **PERCENTAGE\_SURCHARGE** Decision : 2022-01-27



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**.

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="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>
        </xs:complexType>
      </xs:sequence>
    </xs:element>
  </xs:complexType>
</xs:element>
```

A = Added = Adding new elements or attributes

C = Changed = Changes to existing elements, attributes or descriptive texts.

R = Removed = Deletion of elements or attributes

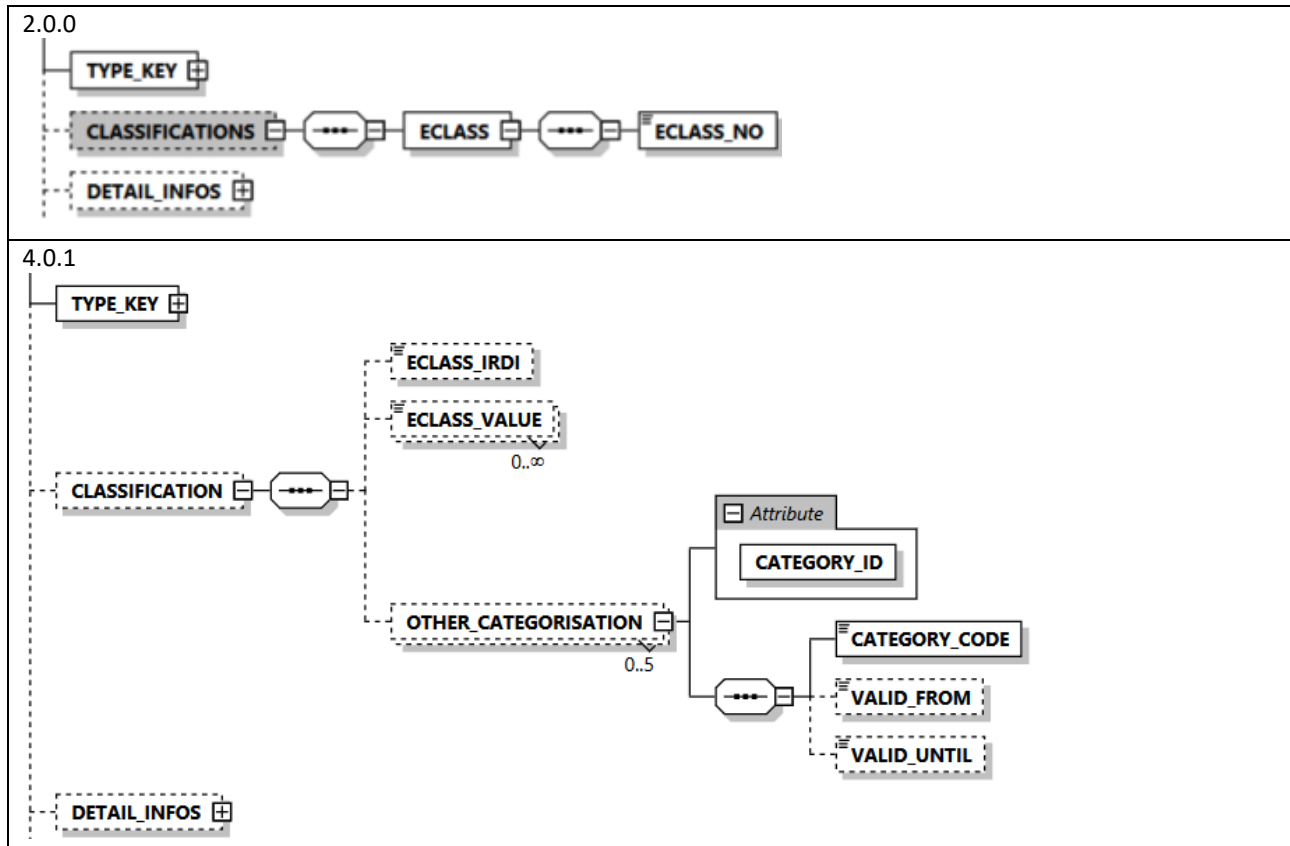
F = Fixed = Error corrections to existing elements, attributes or descriptive texts.



## 10. Classification according to ECLASS

### 10.1. C New structure under CLASSIFICATION below ITEM

Decision : 2023-02-09



The previous structure for maintaining classification information is completely replaced. (see 12.4.) The complex type **CLASSIFICATIONS** is omitted. The remaining **CLASSIFICATION** now contains the complex type **OTHER\_CATEGORISATION**, under which further article categorisations can be specified in parallel to the **ECLASS** classification, e.g. for disposal law topics.

#### **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.

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.



### **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.



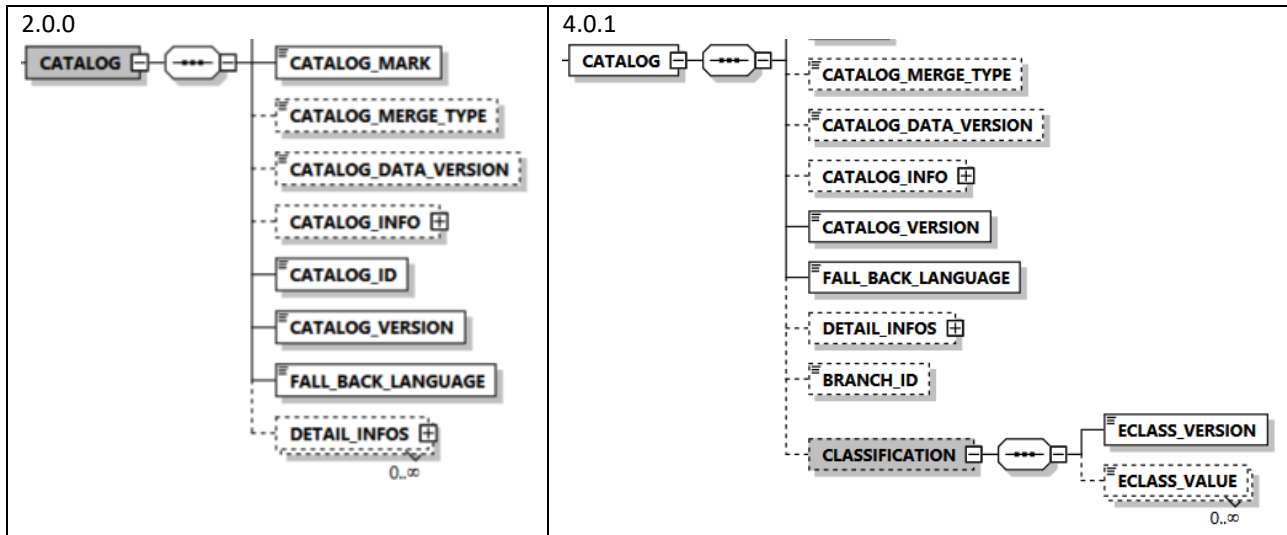
```
<xs:element name="CLASSIFICATION" minOccurs="0">
  <xs:annotation>...</xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ECLASS_IRDI" minOccurs="0">...</xs:element>
      <xs:element name="ECLASS_VALUE" type="xs:string" minOccurs="0" maxOccurs="unbounded">...</xs:element>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

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.



ECLASS is the only classification scheme that is 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 items 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.

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.



### 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:

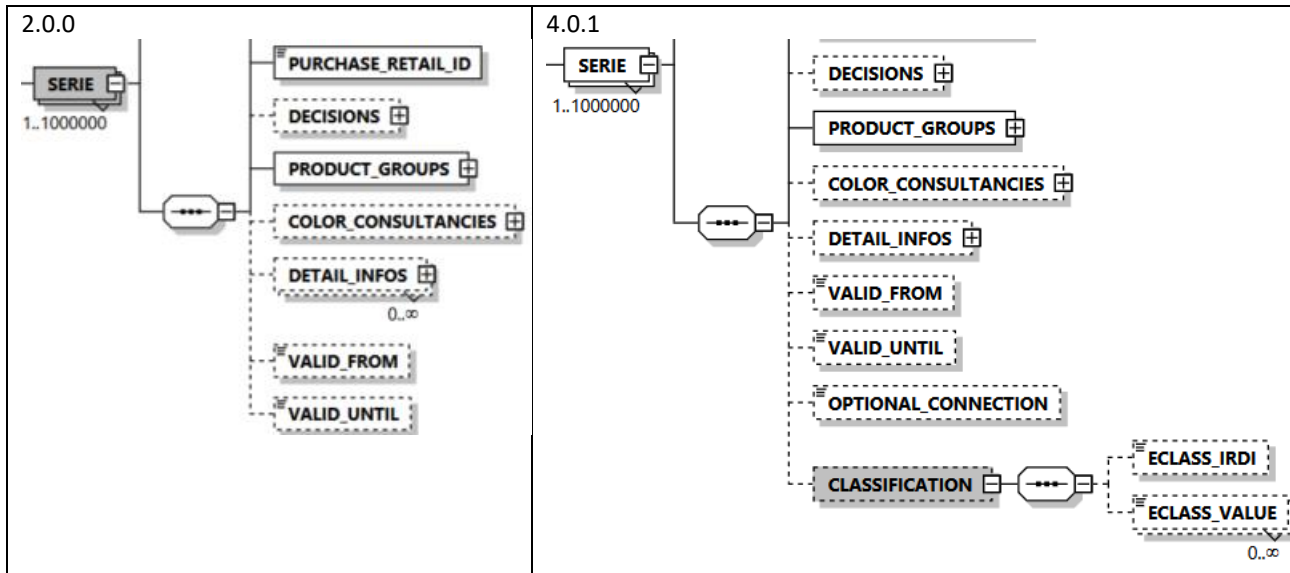
The values of the ECLASS property are stored in this element. For this purpose, the path along the multi-level property structure is specified. The underscore (\_) serves as a separator.

```
<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: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>
```



### 10.3. A New optional complex Type CLASSIFICATION under SERIE

Decision : 2023-02-09



ECLASS is the only classification scheme maintained at various nodes in IDM format. The ECLASS class and any number of ECLASS characteristics that 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.

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.



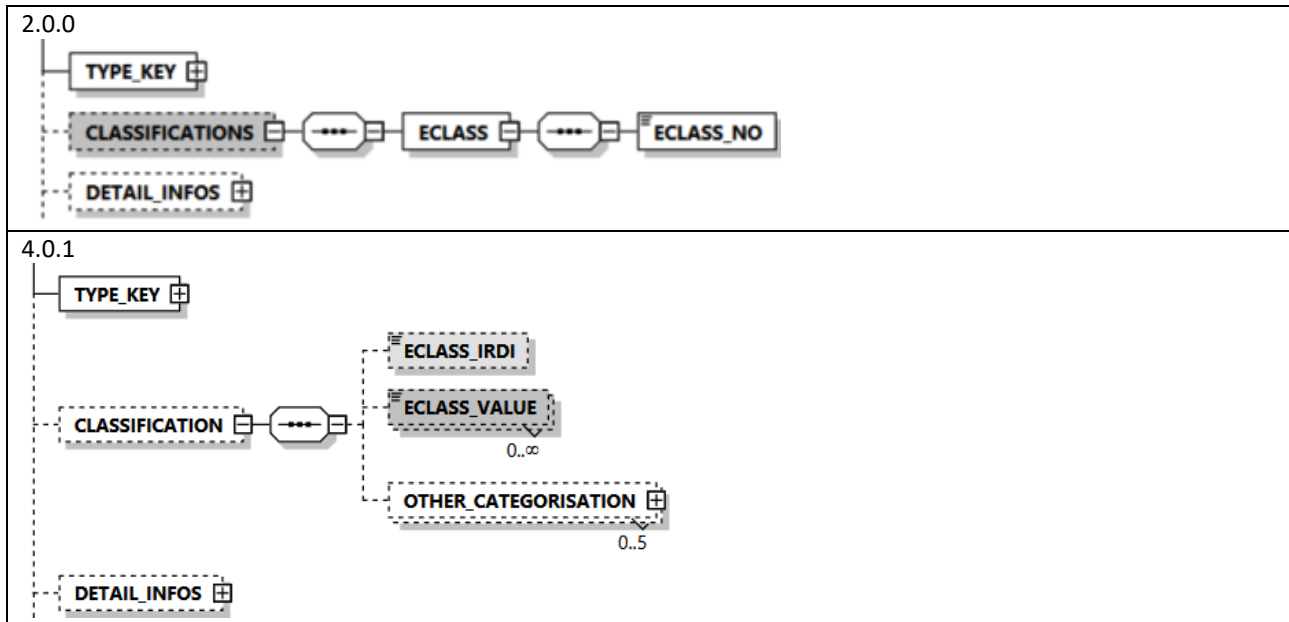
### ECLASS\_VALUE:

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>
```



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.





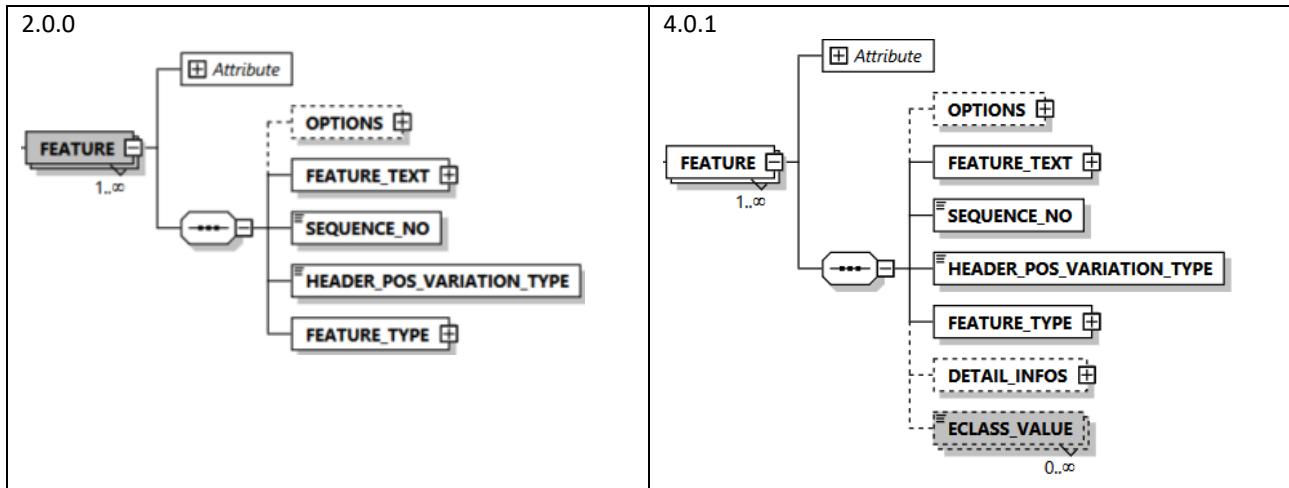
### ECLASS\_VALUE:

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>
```



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.

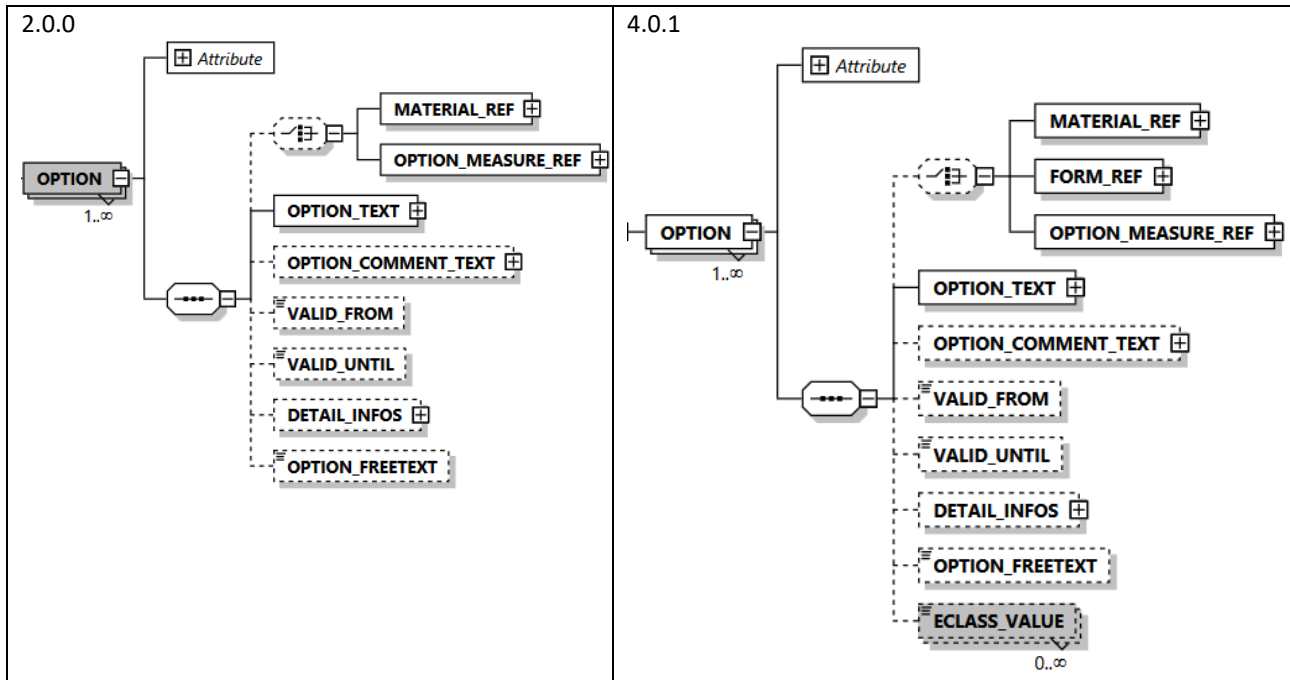
### ECLASS\_VALUE:

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>
```



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 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>
```

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## 11. Textual changes in the documentation Scheme and Magnet Planner

### 11.1. C Merging the variant types

Decision : 2022-04-27

#### In 2.0.0

Feature	Feature text	Variation	Remark
1	Range	A	Program as feature
100	Front version	A	
101	Front colour 1	F	Infill with smooth front panel = full surface
102	Front colour 2	F	Frame
103	Front colour 3	F	Pilaster strips
104	Edge colour front	F	
105	Front combination	K	If only one key is specified for multiple front information.
106	Front panel group	A	Overwrites the FRONT_GROUP_NO in FEATURE_DEFINITION/OPTION_DEFINITION/STYLE
110	Front version trim 1	A	
111	Front colour 1 trim 1	F	Infill with smooth front panel = full surface
112	Front colour 2 trim 1	F	Frame
113	Front colour 3 trim 1	F	Pilaster strips
114	Front edge colour 1	F	
115	Front combination trim 1	K	May contain options 111 to 114
120	Front version trim 2	A	
121	Front colour 1 trim 2	F	Infill with smooth front panel = full surface
122	Front colour 2 trim 2	F	Frame
123	Front colour 3 trim 2	F	Pilaster strips
124	Front edge colour 2	F	
125	Front combination trim 2	K	May contain options 121 to 124
150	Glass finish	A	
151	Glass colour	F	
152	Bar version	A	
153	Bar colour	F	
154	Finish glass door frame	A	
155	Colour glass door frame	F	
160	Roller shutter finish	A	
161	Colour of roller shutter	F	
170	Scoop finish	A	
171	Scoop colour	F	
200	Carcase finish	A	
201	Carcase combination	K	If only one key is available for multiple carcase colours - inside/outside.
202	Carcase colour outside	F	

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203	Carcase colour inside	F	
204	Edge finish carcase	A	
205	Edge colour carcase	F	
206	Finish visible sides	A	
207	Colour visible sides	F	
208	Carcase colour inside for glass	F	Glass cabinets and open cupboards, that are not shelving units
209	Carcase design inside for glass	A	Glass cabinets and open cupboards, that are not shelving units
300	Handle finish	A	
301	Handle colour 1	F	Handle, UNKNOWN TERM and/or main colour
302	Handle colour 2	F	UNKNOWN TERMS
303	Handle combination	K	If only one key is specified for multiple handle conditions.
304	Handle positions		
400	Plinth finish	A	
401	Plinth colour	F	
402	Plinth height	A	
410	Plinth base type	A	
411	Plinth base colour	F	
500	Finish shelf units	A	
501	Colour shelf units	F	
502	Cornice finish	A	Includes shape and material
503	Colour cornice	F	
504	Light baffle finish	A	Includes shape and material
505	Light pelmet colour	F	
506	Finish ceiling infill panel	A	
507	Colour ceiling infill panel	F	
508	Finish bottom cupboard skirting board	A	Bottom cupboard skirting board
509	Colour bottom cupboard skirting board	F	Bottom cupboard skirting board
510	Finish top shelf	A	
511	Colour top shelf	F	
512	Top panel edge finish	A	
513	Top panel edge colour	F	
514	Shelf finish	A	
515	Colour shelf	F	
516	UNKNOWN TERM finish	A	
517	UNKNOWN TERM colour	F	
520	Finish modular panels/bar	A	
521	Colour modular panes/bars	F	
522	Finish panel edge	A	

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523	Colour panel edge	F	
524	Bottom panel finish	A	
525	Bottom panel colour	F	
526	Bottom panel edge finish	A	
527	Bottom panel edge colour	F	
550	Niche design	A	
551	Niche colour	F	
560	Version of accessories for niches	A	
561	Colour of accessories for niches	F	
562	Finish pilaster	A	
563	Colour pilaster	F	
564	UNKNOWN TERM finish	A	
565	UNKNOWN TERM colour	F	
570	Profiled board finish	A	
571	Profiled board colour	F	
600	Worktop finish	A	
601	Worktop colour	F	
602	Worktop edge finish	A	
603	Worktop edge colour	F	
604	Bar top finish	A	
605	Bar top colour	F	
606	Bar top edge finish	A	
607	Bar top edge colour	F	
620	Finish top cover	A	
621	Colour top cover	F	
622	Top cover edge finish	A	
623	Top cover edge colour	F	
624	Table attachment finish	A	
625	Table attachment colour	F	
626	Table attachment edge finish	A	
627	Table attachment edge colour	F	
650	Sealer strip finish	A	Upstand
651	Colour of sealer strip	F	Upstand
700	Drawer finish	A	Interior fittings
701	Drawer colour	F	Interior fittings
702	Deep drawer type	A	Interior fittings
703	Pull-out colour	F	Interior fittings
750	Worktop shape	S	
751	Cornice form	S	
752	Form of light baffle	S	
753	Plinth form	S	

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754	Wall joint shape	S	
755	Cover panel shape	S	
756	Bar top shape	S	
800	Electrical appliances finish	A	
801	Electrical appliances colour	F	
802	Eectrical appliance accessories colour	F	
850	Sinks finish	A	
851	Sinks colour	F	
852	Sink accessories colour	F	
853	Mixer tabs colour	F	
854	Mixer tabs finish	A	
900	Finish of general accessories	A	
901	Colour of general accessories	F	
930	additional visually-relevant finish 1	A	the software houses must be informed separately
931	additional visually-relevant colour 1	F	the software houses must be informed separately
932	additional visually-relevant finish 2	A	the software houses must be informed separately
933	additional visually-relevant colour 2	F	the software houses must be informed separately
934	additional visually-relevant finish 3	A	the software houses must be informed separately
935	additional visually-relevant colour 3	F	the software houses must be informed separately
936	additional visually-relevant finish 4	A	the software houses must be informed separately
937	additional visually-relevant colour 4	F	the software houses must be informed separately
938	additional visually-relevant finish 5	A	the software houses must be informed separately
939	additional visually-relevant colour 5	F	the software houses must be informed separately
940	additional finishes and colours	F	the software houses must be informed separately
941	additional finishes and colours	F	the software houses must be informed separately
942	additional finishes and colours	F	the software houses must be informed separately
943	additional finishes and colours	F	the software houses must be informed separately
944	additional finishes and colours	F	the software houses must be informed separately
945	additional finishes and colours	F	the software houses must be informed separately
946	additional finishes and colours	F	the software houses must be informed separately
947	additional finishes and colours	F	the software houses must be informed separately
948	additional finishes and colours	F	the software houses must be informed separately
949	additional finishes and colours	F	the software houses must be informed separately

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[illegible]

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993	additional finishes and colours	F	the software houses must be informed separately
994	additional finishes and colours	F	the software houses must be informed separately
995	additional finishes and colours	F	the software houses must be informed separately
996	additional finishes and colours	F	the software houses must be informed separately
997	additional finishes and colours	F	the software houses must be informed separately
998	additional finishes and colours	F	the software houses must be informed separately
999	additional finishes and colours	F	the software houses must be informed separately
1001	Reference type	A	
1002	Main reference type	A	
1003	Main reference colour	F	
1004	UNKNOWN TERM	A	
1005	UNKNOWN TERM	F	
1006	UNKNOWN TERM	A	
1007	UNKNOWN TERM	F	
1008	UNKNOWN TERM	A	UNKNOWN TERM
1009	Seat cushion type	A	
1010	Seat cushion colour	F	
1011	Decorative cushion type	A	soft, firm, round, rectangular, ...
1012	Decorative cushion colour	F	
1013	Contrast stitching type / variation	A	
1014	Contrast stitching colour	F	
1015	Foot height	A	
1016	Foot material	A	Metal, timber, plastic, beech, ..
1017	Foot shape	A	UNKNOWN TERM
1018	Foot colour	F	
1019	UNKNOWN TERM	A	
1020	UNKNOWN TERM	F	
1021	UNKNOWN TERM	A	
1022	UNKNOWN TERM	F	
1023	UNKNOWN TERM	A	
1024	UNKNOWN TERM	F	
1025	Side pocket type	A	
1026	Side pocket colour	F	
1027	UNKNOWN TERM	A	
1028	UNKNOWN TERM	F	
1029	UNKNOWN TERM	A	
1030	UNKNOWN TERM	F	
1031	Zipper type	A	
1032	Zipper colour	F	
1033	Seat hardness, quality	A	with/without spring core, ...
1034	Drive type	A	Nozzle, manual, gas pressure spring, motor plug-in, motor battery, do

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1035	Seat height	A	
1036	Seat depth	A	
1037	Seat width	A	
1038	Back height	A	
1039	Back cushion height	A	
1040	Back cushion type	A	
1041	Armrests/side element configuration	A	without, left, right, both sides, ...
1042	Armrests/side element type	A	
1043	Side element adjustment	A	
1044	Headrest finish	A	movable, fixed, neck rest, ...
1045	Headrest colour	F	
1046	UNKNOWN TERM	A	floor level, floor-free
1047	Fabric combination	K	
1048	Fire / flame retardant	A	
1049	Resting area type	A	
1050	Resting area colour	F	
1051	Country version	A	
1052	Crossways sleepers	A	
1053	Seat angle adjustment	A	
1054	Seat depth adjustment	A	mechanical, electric motor, gas pressure spring, ...
1055	Backrest adjustment	A	mechanical, electric motor, gas pressure spring, ...
1056	Footrest adjustment	A	mechanical, electric motor, gas pressure spring, ...
1057	Massage function	A	
1058	Seat heating	A	
1059	Lumbar support	A	
1060	Swivel base	A	
1061	Stand-up aid	A	mechanical, electric motor, gas pressure spring, ...
1062	Folding table	A	
1063	UNKNOWN TERM	A	
1064	Pull-out table	A	
1065	Cupholder	A	
1066	Headboard	A	Shape 1, shape 2 etc., headboard shortening at a surcharge, without K
1067	Headboard fabric	A	
1068	Throw-over	A	short, half-length, full length, shroud
1069	Day cover fabric	A	
1070	Lying surface	A	160x200, 180x200, 200x200 etc., other lengths at a surcharge
1071	Bedding box	A	standard, inserting mechanism, highline etc.
1072	Bedding box upholstery	A	
1073	Slatted base	A	Standard or alternatives against additional charge, additional sheet if necessary

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1074	Mattress	A	Standard or alternatives at a surcharge >> firmness level H2
1075	Handles (for bedside tables)	F	
1076	Bedside tables	A	Drawer with plastic or metal rails
1077	Lamp colour and finish	A	
1078	Knob cover	F	
1079	Slatted base adjustment	A	mechanical, electric motor, gas pressure spring, combination ...
1080	Function/adjustment in general	A	
1089	Connection type L	P	ID of the connection vector in the SVG: AVL
1090	Connection type R	P	ID of the connection vector in the SVG: AVR
1091	Connection type custom 1	P	ID of the connection vector in the SVG: AVC1
1092	Connection type custom 2	P	ID of the connection vector in the SVG: AVC2
1093	Connection type custom 3	P	ID of the connection vector in the SVG: AVC3
1094	Connection type custom 4	P	ID of the connection vector in the SVG: AVC4
1095	Planning width	P	Item width
1096	Planning depth	P	Item depth
1097	Planning height	P	Item height
1098	Drive position	A	
1099	Table colour	F	
1100	Head-section adjustment	A	
1101	Relax function	A	
1102	Vitalising function	A	
1103	Power source/motor	A	
1104	Accessories	A	
1105	Top table	A	
1106	Back holder	A	
1107	Slot-in back	A	
1108	Intermediate table	A	
1109	Newspaper rack	A	
1110	Swivel function	A	
1111	Reading lamp	A	
1112	Decorative item	A	
1500-1999	freely defined feature	F	
2000	Model number	A	
2001	Hinge	A	
2010	Front colour 4	F	Front interior colour
2011	Front height	A	
2012	Front width	A	
2100	Back panel finish	A	
2101	Back panel colour	F	

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2102	Carcase finish back side for room divider	A	for room divider
2103	Carcase colour back side for room divider	F	for room divider
2110	Garment rail finish	A	
2111	Garment rail colour	F	
2140	Tabletop finish	A	for tables
2141	Tabletop colour	F	for tables
2142	Table edge finish	A	for tables
2143	Table edge colour	F	for tables
2144	Table frame finish	A	for tables
2145	Table frame colour	F	for tables
2146	Baseplate finish	A	for tables
2147	Baseplate colour	F	for tables
2148	Height adjustment	A	for tables
2149	Pull-outs	A	for tables
2150	Inserts	A	for tables
2151	Insert finish	A	for tables
2152	Insert colour	F	for tables
2153	maximum length extending shelf	A	for tables
2160	Bed frame finish	A	
2161	Bed frame colour	F	
2162	Bed frame finish	A	
2163	Bed frame colour	F	
2164	Head board finish	A	
2165	Head board colour	F	
2166	Head board fabric	A	
2167	Head board fabric colour	F	
2168	Foot board finish	A	
2169	Foot board colour	F	
2170	Foot board fabric	A	
2171	Foot board fabric colour	F	
2200	Handle 2 finish	A	
2201	Handle 2 colour 1	F	Handle, UNKNOWN TERM and/or main colour
2202	Handle 2 colour 2	F	UNKNOWN TERMS
2203	Handle 2 combination	K	If only one key is specified for multiple handle conditions.
2204	Handle 2 position	A	See handle position, pages 5-23
2205	Handle 3 finish	A	
2206	Handle 3 colour 1	F	Handle, UNKNOWN TERM and/or main colour
2207	Handle 3 colour 2	F	UNKNOWN TERMS

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2208	Handle 3 combination	K	If only one key is specified for multiple handle conditions.
2209	Handle 3 position	A	See handle position, pages 5-23
2300	Front version	A	
2301	Front colour 1	F	Infill with smooth front panel = full surface
2302	Front colour 2	F	Frame
2303	Front colour 3	F	Pilaster strips
2304	Edge colour front	F	
2305	Front combination	K	If only one key is specified for multiple front information.
2306	Front version	A	
2307	Front colour 1	F	Infill with smooth front panel = full surface
2308	Front colour 2	F	Frame
2309	Front colour 3	F	Pilaster strips
2310	Edge colour front	F	
2311	Front combination	K	If only one key is specified for multiple front information.
2312	Front version	A	
2313	Front colour 1	F	Infill with smooth front panel = full surface
2314	Front colour 2	F	Frame
2315	Front colour 3	F	Pilaster strips
2316	Edge colour front	F	
2317	Front combination	K	If only one key is specified for multiple front information.
2318	Front version	A	
2319	Front colour 1	F	Infill with smooth front panel = full surface
2320	Front colour 2	F	Frame
2321	Front colour 3	F	Pilaster strips
2322	Edge colour front	F	
2323	Front combination	K	If only one key is specified for multiple front information.
2324	Front version	A	
2325	Front colour 1	F	Infill with smooth front panel = full surface
2326	Front colour 2	F	Frame
2327	Front colour 3	F	Pilaster strips
2328	Edge colour front	F	
2329	Front combination	K	If only one key is specified for multiple front information.
2330	Front version	A	
2331	Front colour 1	F	Infill with smooth front panel = full surface
2332	Front colour 2	F	Frame
2333	Front colour 3	F	Pilaster strips
2334	Edge colour front	F	

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2335	Front combination	K	If only one key is specified for multiple front information.
2336	Front version	A	
2337	Front colour 1	F	Infill with smooth front panel = full surface
2338	Front colour 2	F	Frame
2339	Front colour 3	F	Pilaster strips
2340	Edge colour front	F	
2341	Front combination	K	If only one key is specified for multiple front information.
2342	Front version	A	
2343	Front colour 1	F	Infill with smooth front panel = full surface
2344	Front colour 2	F	Frame
2345	Front colour 3	F	Pilaster strips
2346	Edge colour front	F	
2347	Front combination	K	If only one key is specified for multiple front information.
2348	Front version	A	
2349	Front colour 1	F	Infill with smooth front panel = full surface
2350	Front colour 2	F	Frame
2351	Front colour 3	F	Pilaster strips
2352	Edge colour front	F	
2353	Front combination	K	If only one key is specified for multiple front information.
2354	Front version	A	
2355	Front colour 1	F	Infill with smooth front panel = full surface
2356	Front colour 2	F	Frame
2357	Front colour 3	F	Pilaster strips
2358	Edge colour front	F	
2359	Front combination	K	If only one key is specified for multiple front information.
2360	Front version	A	
2361	Front colour 1	F	Infill with smooth front panel = full surface
2362	Front colour 2	F	Frame
2363	Front colour 3	F	Pilaster strips
2364	Edge colour front	F	
2365	Front combination	K	If only one key is specified for multiple front information.
2366	Front version	A	
2367	Front colour 1	F	Infill with smooth front panel = full surface
2368	Front colour 2	F	Frame
2369	Front colour 3	F	Pilaster strips
2370	Edge colour front	F	
2371	Front combination	K	If only one key is specified for multiple front information.

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2372	Front version	A	
2373	Front colour 1	F	Infill with smooth front panel = full surface
2374	Front colour 2	F	Frame
2375	Front colour 3	F	Pilaster strips
2376	Edge colour front	F	
2377	Front combination	K	If only one key is specified for multiple front information.
2378	Front version	A	
2379	Front colour 1	F	Infill with smooth front panel = full surface
2380	Front colour 2	F	Frame
2381	Front colour 3	F	Pilaster strips
2382	Edge colour front	F	
2383	Front combination	K	If only one key is specified for multiple front information.
2384	Front version	A	
2385	Front colour 1	F	Infill with smooth front panel = full surface
2386	Front colour 2	F	Frame
2387	Front colour 3	F	Pilaster strips
2388	Edge colour front	F	
2389	Front combination	K	If only one key is specified for multiple front information.
2390	Front version	A	
2391	Front colour 1	F	Infill with smooth front panel = full surface
2392	Front colour 2	F	Frame
2393	Front colour 3	F	Pilaster strips
2394	Edge colour front	F	
2395	Front combination	K	If only one key is specified for multiple front information.
2396	Front version	A	
2397	Front colour 1	F	Infill with smooth front panel = full surface
2398	Front colour 2	F	Frame
2399	Front colour 3	F	Pilaster strips
2400	Edge colour front	F	
2401	Front combination	K	If only one key is specified for multiple front information.
2402	Front version	A	
2403	Front colour 1	F	Infill with smooth front panel = full surface
2404	Front colour 2	F	Frame
2405	Front colour 3	F	Pilaster strips
2406	Edge colour front	F	
2407	Front combination	K	If only one key is specified for multiple front information.
2408	Front version	A	

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2409	Front colour 1	F	Infill with smooth front panel = full surface
2410	Front colour 2	F	Frame
2411	Front colour 3	F	Pilaster strips
2412	Edge colour front	F	
2413	Front combination	K	If only one key is specified for multiple front information.
2414	Front version	A	
2415	Front colour 1	F	Infill with smooth front panel = full surface
2416	Front colour 2	F	Frame
2417	Front colour 3	F	Pilaster strips
2418	Edge colour front	F	
2419	Front combination	K	If only one key is specified for multiple front information.
2420	Front version	A	
2421	Front colour 1	F	Infill with smooth front panel = full surface
2422	Front colour 2	F	Frame
2423	Front colour 3	F	Pilaster strips
2424	Edge colour front	F	
2425	Front combination	K	If only one key is specified for multiple front information.
2426	Front version	A	
2427	Front colour 1	F	Infill with smooth front panel = full surface
2428	Front colour 2	F	Frame
2429	Front colour 3	F	Pilaster strips
2430	Edge colour front	F	
2431	Front combination	K	If only one key is specified for multiple front information.
2432	Front version	A	
2433	Front colour 1	F	Infill with smooth front panel = full surface
2434	Front colour 2	F	Frame
2435	Front colour 3	F	Pilaster strips
2436	Edge colour front	F	
2437	Front combination	K	If only one key is specified for multiple front information.
2438	Front version	A	
2439	Front colour 1	F	Infill with smooth front panel = full surface
2440	Front colour 2	F	Frame
2441	Front colour 3	F	Pilaster strips
2442	Edge colour front	F	
2443	Front combination	K	If only one key is specified for multiple front information.
2444	Front version	A	
2445	Front colour 1	F	Infill with smooth front panel = full surface

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2446	Front colour 2	F	Frame
2447	Front colour 3	F	Pilaster strips
2448	Edge colour front	F	
2449	Front combination	K	If only one key is specified for multiple front information.
2500-2699	freely defined feature	F	commercial
2700-2999	freely defined feature	F	graphic

### 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

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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	
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

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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 finish	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 board finish	O	
509	bottom cupboard skirting board colour	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	

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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	
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	

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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	electrical appliance accessories colour	C	
850	sinks finish	O	
851	sinks colour	C	
852	sink accessories colour	C	
853	mixer taps colour	C	
854	mixer taps finish	O	

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900	general accessories finish	O	
901	general accessories colour	C	
930-999	free defined 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 implementation	O	loose, firm, round, rectangular, ...
1012	decorative pillow colour	C	
1013	contrasting thread implementation	O	
1014	contrasting thread colour	C	
1015	leg height	M	
1016	leg material	O	metal, wood, plastic, beech, ...
1017	leg version	O	runner, rail, single leg, castors, glides, ...
1018	leg colour	C	
1019	wood/chatose finish	O	
1020	wood-/chatose colour/-stain shade	C	
1021	trimmings finish	O	
1022	trimmings colour	C	
1023		O	
1024		C	

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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-retardant	O	
1049	bed surface finish	O	
1050	bed surface colour	C	
1051	country version	O	

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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 defined 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.
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 general	O	
1081- 1088	free defined feature		
1089	connecting type L	O	
1090	connecting type R	O	
1091- 1094	free defined 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 defined feature		
1100	headrest adjustment/flexible headrests	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 defined 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
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

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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 defined 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 m <sup>2</sup>
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

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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	
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	

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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 defined feature		

The variant types marked in red in the list of version IDMW 2.0.0 have been deleted or combined. Those marked orange have been renamed. The number ranges for free variant types have been displayed in one line to make the list in the introduction somewhat clearer.

### 11.2. C Merging the type codes

Decision : 2022-09-06

2.0.0		4.0.1	
No.	Type	Type No.	Designation (English)
1010	Carcase element		
1020	Cabinet	1	Club chair
1030	Display cabinet	2	TV armchair/recliner/reclining armch
1040	Shelf	3	Lounge chair
1050	Highboard/sideboard/dressers/buffets/lowboard	4	Sofa / chaise
1060	TV, audio, media furniture	5	Middle element
1070	Front	6	Corner
1080	Shelving system element	7	Divan / recamie / ottoman / ... / chai
1090	Bedside table/side table/chest of drawers/powder room table	8	Footstool
1100	Coffee table/occasional table	9	Cushion
1110	Dining table	10	Coffee table / occasional tables / tray
1120	Writing desk/computer desk	11	Dining table
1130	Bureau	13	Combinations
1140	Chair	14	End element
1150	Stool/bar stool	15	Bed sofa / bed couch / divan sofa / bed
1160	Corner bench/bench	18	Foot bench
1170	Children/play furniture/nappy change table/nappy change unit	19	Headrests
1180	Bed	21	Carpets
1190	Mattress/slatted frame/set	25	Metrage
1200	Bedside table/chest of drawers/cupboard/cabinet	1010	carcase unit
1210	Castor containers/upside containers	1020	wardrobe/cabinet
1220	Bar counter equipment/home bar furniture	1030	Display cabinet
1230	Wardrobe/hall furniture	1040	Shelf
1240	Shoe cupboard		
1250	Chests		
1260	Mirror		
1270	Panel		
1280	Plinth/pedestal		

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1290	Cover panel	1050	Highboard/sideboard/dressers/buffets/lowboard
1300	Cornice/cornice profile/passe-partout	1060	TV, audio, media furniture
1310	Lighting	1070	Front
1320	Combination/set	1080	shelf system unit
1330	Fixed panel/filler piece	1090	console table/chest/dressing table/makeup table
1340	Accessories	1100	Coffee table/side table
1350	Other	1110	Dining table
		1120	desk
		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

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	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.



### 11.3. C corrected translations of the type code types

Decision : 2022-09-06

No.	Art	2.0.0 english	4.0.1 english
00	All	All	all
01	Revolving door	Hinged door	hinged door
02	Folding door/angle door	Folding door/angled door	folding door
03	Sliding door / floating door	Sliding door	Sliding door
04	Loading	Drawer	drawer
05	Flap	Flap door	flap
06	Excerpt	Pull-out	pull-out
07	Combi front	Combination front	different front types
08	Venetian blind/roller shutter/slats	Shutter/roller shutter/slats	slat/roller shutter/lamellas
10	Inner drawer	Inside drawer	inner drawer
11	Inner compartment	Inside shelf	inner compartment
12	Interior layout	Interior partitioning	interior division
14	Cabinet accessories (clothes rail, laundry basket ...)	Wardrobe accessories (clothes rail, laundry basket ...)	wardrobe extras (hanging rail, laundry basket...)
15	Boxes/Receivers	Speakers/receivers	boxes/receivers
16	TV mount	TV support	TV
17	Other	Miscellaneous	others
19	Cheeks/adit/ Facing tunnel	Modular parts/line pedals/stiles	side uprights
20	Cleat/shelf/hanging/light/insert shelf	Stiles/cupboard/hook-ins/light/shelf	shelf
21	Plinth floor	Plinth base	bottom shelf
22	Board/plugin board	Rack/push-fit shelf	board
23	Back wall	Rear panel	rear wall
...	...	...	
38	Bed frame/headboard/footboard	Bed frame/head board/foot board	bed frame/headboard/foot end
39	Loft bed/middle bed/bunk bed/ Cave bed	Loft bed/mid bed/bunk bed/cave bed	loft bed/high sleeper bed/bunk bed
40	Cot / cot	Child bed/cot	toddler bed/cot bed
41	Box spring bed	Box spring bed	box spring bed
42	Sofa bed/guest bed/folding couch	Bed sofa/guest bed/foldable recliner	day bed/guest bed/folding bed
43	Wall, folding and cupboard bed	Wall, foldaway bed	fold-down bed/wall folding bed
44	Waterbed	Water bed	waterbed
45	Upholstered bed	Upholstered bed	upholstered bed
...	...	...	
47	Bench cushion	Bench cushion	bench padding
48	Handles	Handles	handles
49	Small parts	Small hardware items	small parts
...	...	...	

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No.	Version	2.0.0 english	4.0.1 english
00	All	All	all
01	Individual element	Single element	single unit
02	Basic element	Basic element	basic unit/starter unit
03	Add-on element	Add-on element	extension unit
04	Corner element	Corner element	corner unit
05	Intermediate building element	Filler element	intermediate unit
06	Top unit	Dresser element	top unit
07	Wall unit	Hanging element	hanging unit
08	Bottom part	Base element	bottom part



### 11.5. A Change of information keys

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. All other components are omitted from the list

#### 4.0.1

Property no.	Designation	Description	Unit of measurement  Value specification
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 with the state of the art compatibility requirements	A ... G
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 televisions			

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R = Removed = Deletion of elements or attributes

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



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			





### 2.0.0

- 1 = Milieu photo
- 2 = Item pictogram (type/item overview)
- 3 = Magnetic planner drawing (SVGs in top view)
- 4 = Option photo
- 5 = **Front option (front texture, ...)**
- 6 = Manufacturer logo/product brand
- 7 = Colour consultancy (the options are defined in an assessment procedure)
- 8 = **Material pass (PDF attached to the fronts)**
- 9 = Model description sheets (PDF below series)
- 10 = Installation instructions
- 11 = Marketing
- 12 = Miscellaneous
- 13 = Colour consultancy wall
- 14 = Colour consultancy floor
- 15 = Item pictogram view

### 4.0.1

- 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 = **Catalogue image**

The terms have been standardised for upholstery and home furniture. The content of the data with the INFO\_TYPE 5 or 8 does not change. The media data previously maintained with INFO\_TYPE 15 must be changed to 2 (article pictogram), as the ID now applies to function descriptions.

### 11.7. F Fallback language must be included in the catalogue

Decision : 2021-03-23

FALL\_BACK\_LANGUAGE:

2.0.0

This element corresponds to the language code that defines the language in which the data pool texts were created if no language identifier for multi-language texts is specified. The 2-digit ISO Language code must be used.

4.0.1

This element corresponds to the language code that defines the language in which the data pool texts were created if no language identifier for multi-language texts is specified. The two-digit ISO language code must be used. **The specified fallback language must be included in the catalogue.**

### 11.8. C Specification of the URL in fallback language for multilingual catalogues

Decision : 2021-03-23

URL:

2.0.0

This element specifies the URL to the detailed information.

4.0.1

This element specifies the URL to the detailed information. **In multilingual catalogues, the URL is only to be saved once in the specified fallback language.**

### 11.9. C Addition of the recommended image formats in the INFO\_TYPE element

Decision : 2022-04-27

INFO\_TYPE:

2.0.0

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.

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

A recommendation is given for the image size and the common image formats that can be processed by the software houses.

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.



### 11.10. C Rename SERIE\_NO to SERIE\_ID in ITEM

Decision : 2022-09-06

#### 2.0.0

This element is used to define items. An item is identified via the **SERIE\_NO** (path 1) and TYPE\_NO (path 1) attributes.

The characteristic features/properties, or a reference via ITEM\_REF to another series (**SERIE\_NO**) and the item number of valid for the other series, are stored for each item. If the ITEM\_REF element contains a value, the item is a reference item belonging to another series, otherwise the item belongs to the series in which it is specified at this position.

Path 1: SERIES/SERIE/PRODUCT\_GROUPS/PRODUCT\_GROUP/ITEMS/ITEM

Path 2: PRICE\_DEFINITION/PRICE\_TABLES/PRICE\_TABLE

#### 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.

### 11.11. C Changed description under EDP\_NUMBER

Decision : 2022-09-06

#### 2.0.0

This element is used to enter the (internal) item EDP number of the manufacturer.

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.



### 2.0.0

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.



### 11.13. C COLOR\_CONSULTANCIES and the following elements

Decision : 2022-01-27

#### COLOR\_CONSULTANCIES:

##### 2.0.0

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:

##### 2.0.0

This element is used to directly assign assessments to image layers.

**The applied assessments must contain colour variations.**

##### 4.0.1

This element is used to directly assign image layers to rules.

#### FEATURE\_DETAIL\_INFO\_REF:

##### 2.0.0

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.

##### 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.



11.14. C Changed description under SEQUENCE\_NO under  
PART\_LIST\_POS

Decision : 2022-04-27

SEQUENCE\_NO:

2.0.0

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 BOM items is to be defined.

11.15. C Changed description under OPTION\_TEXT

Decision : 2023-02-09

2.0.0

This element is used to define an option text.

4.0.1

In this element, an 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.



### 11.16. C Changed description under OPTION\_GROUPS and OPTION\_GROUP

Decision : 2022-01-27

#### OPTION\_GROUPS:

##### 2.0.0

This element is used to group quantities of options. They can be referenced in the assessment below OPTION\_COMBINATION/FEATURE\_REF in DECISIONS. These options are to be considered an independent pool and have no connection to any feature.

##### 4.0.1

This element is used to group quantities of versions. They can be referenced 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:

##### 2.0.0

This element is used to specify a feature group.  
It can be referenced in assessments below OPTION\_COMBINATION/FEATURE\_REF in the DECISIONS. These options are to be considered an independent pool and have no connection to any feature.

##### 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.



### 11.17. C Changed description under PRICE\_FEATURE\_GROUP

Decision : 2022-01-27

#### 2.0.0

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. feature 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:

- Price group-neutral items can have options that are price-neutral. Their price must not be stated in price field 1, and they must only have one FINISHED element for the price field information. Price field-independent items for which only one FINISH element, in which the price is specified, exists in the PRICE\_FEATURE\_GROUP are only permitted to have one assigned price in accordance with the FINISH element specified in the price field.
- Variation-dependent items have one or a number of features.
- An item must reference precisely one base price group (ADDITIONAL\_PRICE=0).

The creation of multiple PRICE\_FEATURE\_GROUPS with the same combination of features are permitted.

#### 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.





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/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/@SERIES\_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/@SERIES\_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/@SERIES\_ID

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.



### 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



# Unreleased

Presentation of all changes planned for version 4.1.0



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