

# Variants for DTD

## Old structure:

```
<!ELEMENT Product (ProductRelated+|ProductBundled+|Supplier|ProductDescription+|Disclaimers?|SEOs?|SummaryDescription?|SummaryDescriptionLocal?|CategoryFeatureGroup+|ProductFeature+|FeatureLogo*|FeatureGroup*|Category|ProductFamily|ProductGallery|ProductMultimediaObject|EANCode*|ProductBullets_HTMLs|ProductBullets|ReleaseDate|EndOfLifeDate|Variations|ReasonsToBuy|BulletPoints)* >
```

## New structure:

```
<!ELEMENT Product (ProductRelated+|ProductBundled+|Supplier|ProductDescription+|Disclaimers?|SEOs?|SummaryDescription?|SummaryDescriptionLocal?|CategoryFeatureGroup+|ProductFeature+|FeatureLogo*|FeatureGroup*|Category|ProductFamily|ProductGallery|ProductMultimediaObject|EANCode*|ProductBullets_HTMLs|ProductBullets|ReleaseDate|EndOfLifeDate|Variants|ReasonsToBuy|BulletPoints)* >
```

---

## Old structure:

```
<!ELEMENT Variant (VariantIdentifiers?|VariantFeatures?|VariantImages?)*>
```

## New structure:

```
<!ELEMENT Variant (VariantIdentifiers?|VariantFeatures?|VariantImages?|VariantMultimedias?)*>
```

---

## Old structure:

```
<!ELEMENT Variations (Variation)*>  
<!ELEMENT Variation (VariationEans?|VariationFeatures?)*>  
<!ATTLIST Variation  
VariationProdId CDATA #REQUIRED
```

## New structure:

```
<!ELEMENT Variants (Variant)*>  
<!ELEMENT Variant (VariantIdentifiers?|VariantFeatures?|VariantImages?)*>  
<!ATTLIST Variant  
Desc CDATA #REQUIRED
```

---

## Old structure:

```
<!ELEMENT VariationFeatures (VariationFeature+)*>  
<!ELEMENT VariationFeature (VariationFeatureValue+)*>  
<!ATTLIST VariationFeature  
Feature_ID CDATA #REQUIRED>  
<!ELEMENT VariationFeatureValue EMPTY>  
<!ATTLIST VariationFeatureValue
```

## New structure:

```
<<!ELEMENT VariantFeatures (VariantFeature+)*>  
<!ELEMENT VariantFeature EMPTY>  
<!ATTLIST VariantFeature  
Feature_ID CDATA #REQUIRED
```

---

## Old structure:

```
<!ELEMENT VariationEans (VariationEANCode+)*>
<!ELEMENT VariationEANCode EMPTY>
<!ATTLIST VariationEANCode
EAN CDATA #REQUIRED
EANDesc CDATA #REQUIRED>
```

**New structure:**

```
<!ELEMENT VariantIdentifiers (Identifier+)*>
<!ELEMENT Identifier EMPTY>
<!ATTLIST Identifier
Type CDATA #REQUIRED
Value CDATA #REQUIRED>
<!ELEMENT VariantImages (VariantImage+)*>
<!ELEMENT VariantImage EMPTY>
```

**Old structure:**

```
<!ATTLIST ProductPicture
ProductPicture_ID CDATA #REQUIRED
```

**New structure:**

```
<!ENTITY % ProductPictureAttr "ProductPicture_ID CDATA #REQUIRED
```

**Old structure:**

```
UpdatedDate CDATA #IMPLIED
```

**New structure:**

```
UpdatedDate CDATA #IMPLIED"
```

**New block structure:**

```
<!ATTLIST ProductPicture %ProductPictureAttr;>
<!ATTLIST VariantImage %ProductPictureAttr;>
```

**New block structure:**

```
<!ELEMENT VariantMultimedias (VariantMultimedia+)*>
<!ELEMENT VariantMultimedia EMPTY>
```

**Old structure:**

```
<!ATTLIST MultimediaObject
MultimediaObject_ID CDATA #REQUIRED
URL CDATA #IMPLIED
Description CDATA #IMPLIED
Size CDATA #IMPLIED
Date CDATA #REQUIRED
langid CDATA #REQUIRED
ContentType CDATA #REQUIRED
KeepAsURL CDATA #IMPLIED
Type CDATA #IMPLIED
Height CDATA #IMPLIED
Width CDATA #IMPLIED
```

**New structure:**

```
<!ENTITY % ProductMultimediaAttr "MultimediaObject_ID CDATA #REQUIRED  
URL CDATA #IMPLIED  
Description CDATA #IMPLIED  
Size CDATA #IMPLIED  
Date CDATA #REQUIRED  
langid CDATA #REQUIRED  
ContentType CDATA #REQUIRED  
KeepAsURL CDATA #IMPLIED  
Type CDATA #IMPLIED  
Height CDATA #IMPLIED  
Width CDATA #IMPLIED
```

---

**Old structure:**

```
ExpirationDate CDATA #IMPLIED>
```

**New structure:**

```
ExpirationDate CDATA #IMPLIED"  
>  
<!ATTLIST MultimediaObject %ProductMultimediaAttr;>  
<!ATTLIST VariantMultimedia %ProductMultimediaAttr;>
```