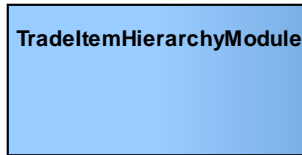
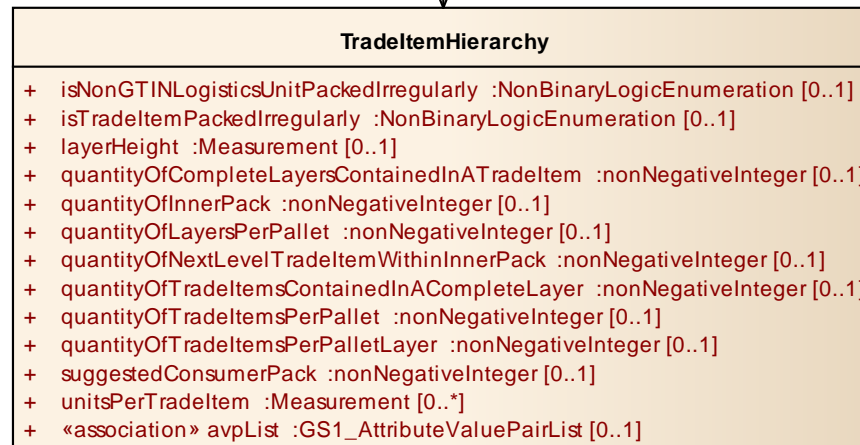


5.61. Trade Item Hierarchy Module

class TradeItemHierarchyModule



Name: TradeItemHierarchyModule
 Author:
 Version: 3.1.0
 Created: 1/20/2012 2:35:52 PM
 Updated: 5/20/2013 1:18:44 PM



| content | attribute / role | datatype /secondary class | multipli city | definition |
|---------------------|------------------|-----------------------------|---------------|---|
| TradeItemHierarc hy | | | | Information on how the hierarchical structure of a trade item for example number of layers on a pallet. |
| Association | avpList | GS1_AttributeValu ePairList | 0..1 | Attribute value pair information. |

| content | attribute / role | datatype /secondary class | multipli city | definition |
|-----------|--|---------------------------|---------------|--|
| Attribute | isNonGTINLogisticsUnitPackedIrregularly | NonBinaryLogicEnumeration | 0..1 | Indicates that the Non-GTIN Logistic Unit is packed in a non-rectilinear pattern such that it is not meaningful to send the number of child trade items in the width/depth/height. |
| Attribute | isTradeItemPackedIrregularly | NonBinaryLogicEnumeration | 0..1 | Indicates that the item is packed in a non-rectilinear pattern such that it is not meaningful to send the number of child trade items in the width/depth/height. |
| Attribute | layerHeight | Measurement | 0..1 | The height of each layer of child trade items when packed in layers. This attribute may be used when child items are packed in layers, but the child items are not packed on their natural base. |
| Attribute | quantityOfCompleteLayersContainedInATradeItem | nonNegativeInteger | 0..1 | The number of layers of the base trade item found in a trade item. Does not apply to the base trade item unit. |
| Attribute | quantityOfInnerPack | nonNegativeInteger | 0..1 | Indicates the number of non-GTIN assigned inner-packs of next lower level trade items within the current GTIN level. |
| Attribute | quantityOfLayersPer Pallet | nonNegativeInteger | 0..1 | The number of layers that a pallet contains. Only used if the pallet has no GTIN. It indicates the number of layers that a pallet contains, according to supplier or retailer preferences. |
| Attribute | quantityOfNextLevelTradeItemWithinInnerPack | nonNegativeInteger | 0..1 | Indicates the number of next lower level trade items contained within the physical non-GTIN assigned each or inner-packs (inner-pack). |
| Attribute | quantityOfTradeItems ContainedInACompleteLayer | nonNegativeInteger | 0..1 | The number of trade items contained in a complete layer of a higher packaging configuration. Used in hierarchical packaging structure of a trade item. Cannot be used for trade item base unit. |
| Attribute | quantityOfTradeItems PerPallet | nonNegativeInteger | 0..1 | The number of trade items contained in a pallet. Only used if the pallet has no GTIN. It indicates the number of trade items placed on a pallet according to supplier or retailer preferences. |
| Attribute | quantityOfTradeItems PerPalletLayer | nonNegativeInteger | 0..1 | The number of trade items contained on a single layer of a pallet. Only used if the pallet has no GTIN. It indicates the number of trade items placed on a pallet layer according to supplier or retailer preferences. |
| Attribute | suggestedConsumer Pack | nonNegativeInteger | 0..1 | The pack quantity of an item which aligns to the suggested consumer pack. |
| Attribute | unitsPerTradeItem | Measurement | 0..* | Numeric value to indicate number of physical pieces used to make up the Consumer Unit. Used if there is more than one piece in one Trade Item. |



| content | attribute / role | datatype /secondary class | multipli city | definition |
|---------------------------|------------------|---------------------------|---------------|---|
| TradeltemHierarc hyModule | | | | A module containing information on how the hierarchical structure of a trade item for example number of layers on a pallet. |
| Association | | TradeltemHierarch y | 0..1 | Information on how the hierarchical structure of a trade item for example number of layers on a pallet. |