

Schema documentation for mlhim2.xsd

february 12, 2013

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Namespace: "http://www.mlhim.org/xmlns/mlhim2/2_4_1"

Schema(s)

Main schema `mlhim2.xsd`

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Properties	attribute form default: qualified element form default: qualified version: 2.4.1

Element(s)

Element `mlhim2:DvAnyType / mlhim2:data-name`

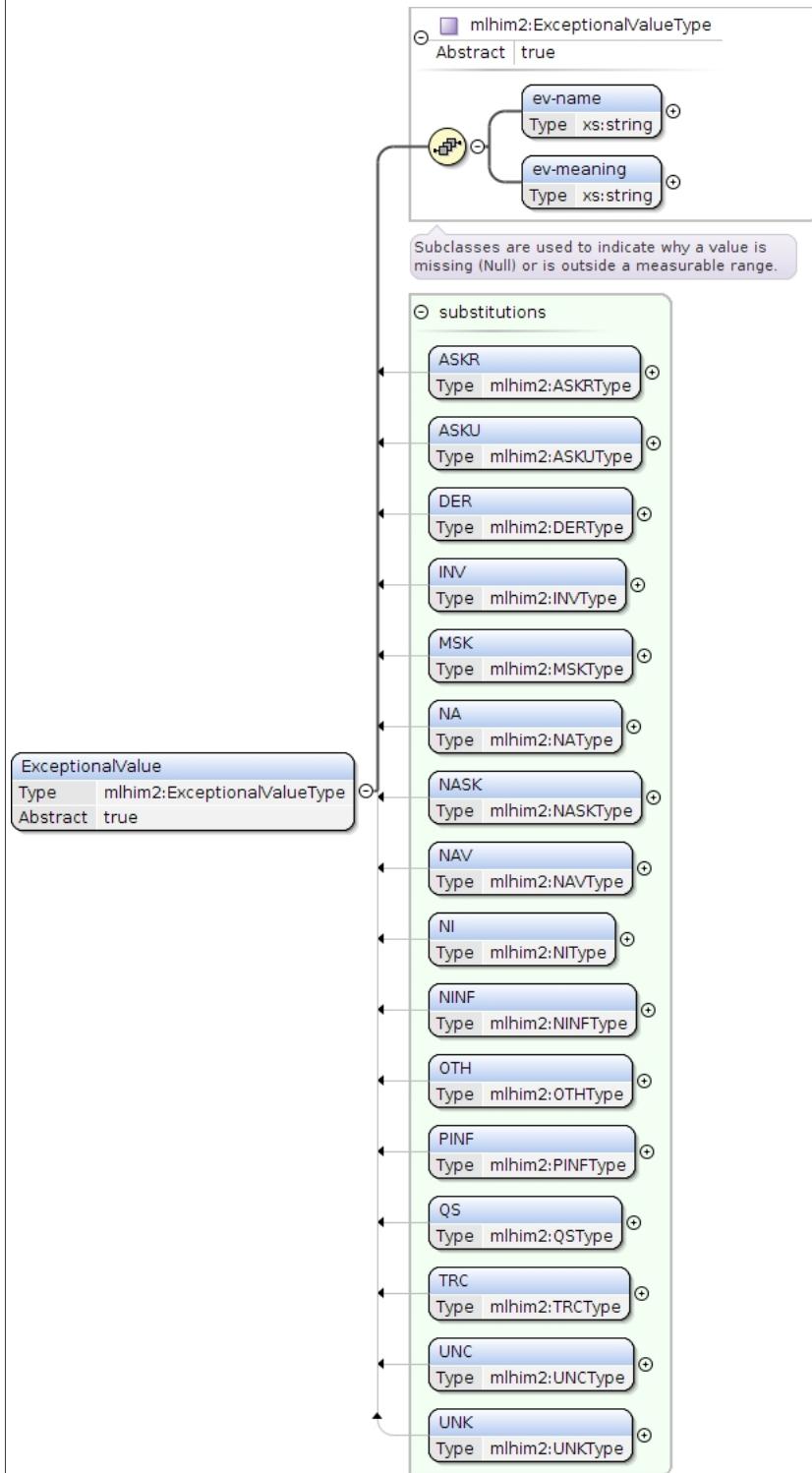
Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Descriptive name of this fragment.

Diagram	<p>Descriptive name of this fragment.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>						
Type	xs:string						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="data-name" type="xs:string"> <xs:annotation> <xs:documentation>Descriptive name of this fragment.</xs:documentation> </xs:annotation> </xs:element></pre>						

Element mlhim2:ExceptionalValue

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	mlhim2:ExceptionalValueType				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>abstract:</td> <td>true</td> </tr> </table>	content:	complex	abstract:	true
content:	complex				
abstract:	true				
Substitution Group	<ul style="list-style-type: none"> mlhim2:NI mlhim2:MSK mlhim2:INV mlhim2:DER mlhim2:UNC 				

	<ul style="list-style-type: none"> • mlhim2:OTH • mlhim2:NINF • mlhim2:PINF • mlhim2:UNK • mlhim2:ASKR • mlhim2:NASK • mlhim2:QS • mlhim2:TRC • mlhim2:ASKU • mlhim2:NAV • mlhim2:NA
Used by	Complex Types mlhim2:DvAnyType, mlhim2:DvBooleanType, mlhim2:DvCodedStringType, mlhim2:DvCountType, mlhim2:DvEncapsulatedType, mlhim2:DvIdentifierType, mlhim2:DvIntervalType, mlhim2:DvMediaType, mlhim2:DvOrderedType, mlhim2:DvOrdinalType, mlhim2:DvParseableType, mlhim2:DvQuantifiedType, mlhim2:DvQuantityType, mlhim2:DvRatioType, mlhim2:DvStringType, mlhim2:DvTemporalType, mlhim2:DvURIType, mlhim2:ReferenceRangeType
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Instance	<pre><mlhim2:ExceptionalValue xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:ExceptionalValue></pre>
Source	<pre><xss:element abstract="true" name="ExceptionalValue" type="mlhim2:ExceptionalValueType" /></pre>

Element mlhim2:ExceptionalValueType / mlhim2:ev-name

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Diagram	<pre> classDiagram class ev-name { <<xs:string>> } xs:string ev-name "0..1" -- "1..1" xs:string note over xs:string: Built-in primitive type. The string datatype represents character strings in XML. </pre>						
Type	xs:string						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><xss:element maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string" /></pre>						

Element mlhim2:ExceptionalValueType / mlhim2:ev-meaning

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Diagram	<pre> classDiagram class ev-meaning { <<xs:string>> } xs:string ev-meaning "0..1" -- "1..1" xs:string note over xs:string: Built-in primitive type. The string datatype represents character strings in XML. </pre>						
Type	xs:string						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><xss:element maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string" /></pre>						

Element mlhim2:DvAnyType / mlhim2:valid-time-begin

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Annotations	If present this must be a valid datetime including timezone
Diagram	
Type	xs:dateTime
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<pre><xs:element maxOccurs="1" minOccurs="0" name="valid-time-begin" type="xs:dateTime"> <xs:annotation> <xs:documentation>If present this must be a valid datetime including timezone</xs:documentation> </xs:annotation> </xs:element></pre>

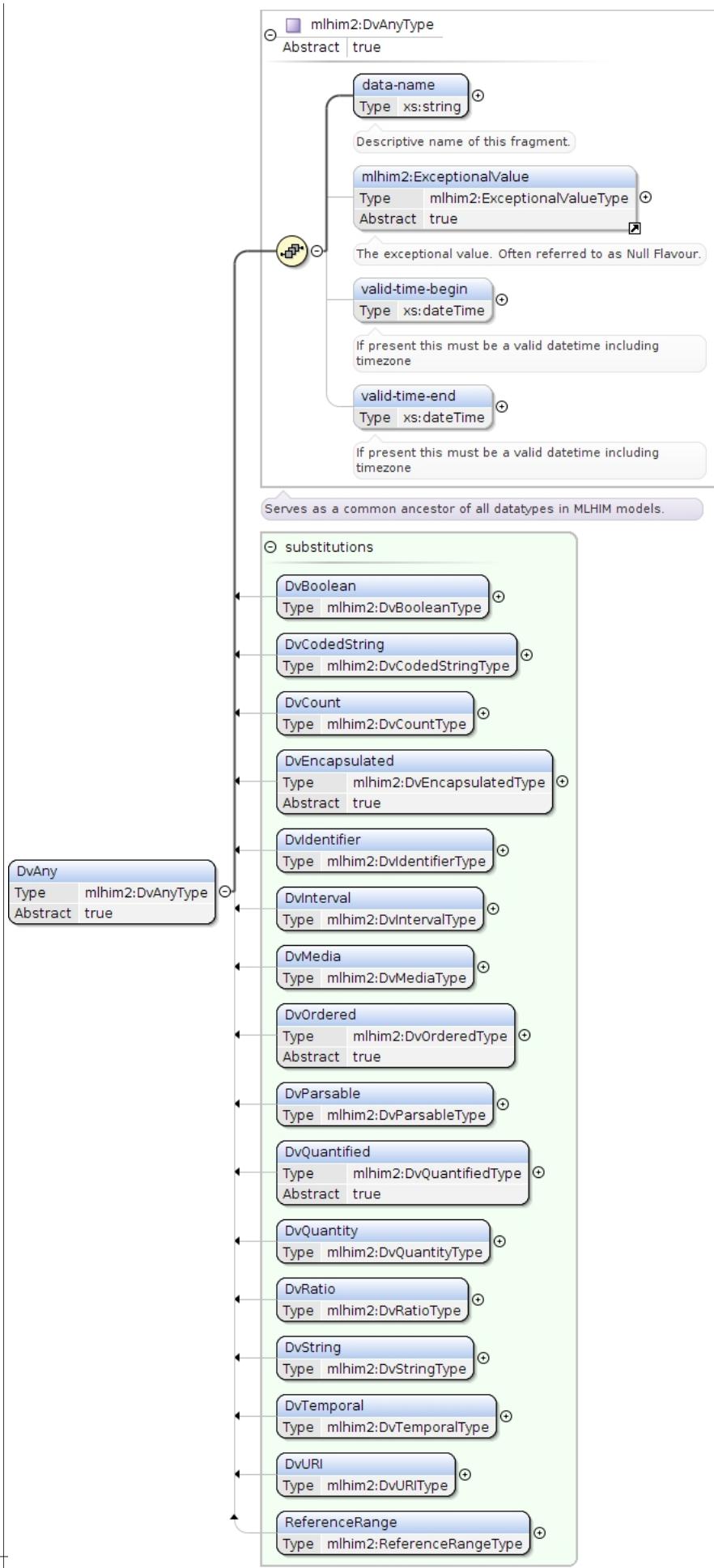
Element mlhim2:DvAnyType / mlhim2:valid-time-end

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	If present this must be a valid datetime including timezone
Diagram	
Type	xs:dateTime
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<pre><xs:element maxOccurs="1" minOccurs="0" name="valid-time-end" type="xs:dateTime"> <xs:annotation> <xs:documentation>If present this must be a valid datetime including timezone</xs:documentation> </xs:annotation> </xs:element></pre>

Element mlhim2:DvAny

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	mlhim2:DvAnyType
Properties	<p>content: complex</p> <p>abstract: true</p>
Substitution Group	<ul style="list-style-type: none"> • mlhim2:DvBoolean • mlhim2:DvURI • mlhim2:DvString • mlhim2:DvCodedString • mlhim2:DvIdentifier • mlhim2:DvParseable • mlhim2:DvMedia • mlhim2:DvCount • mlhim2:DvQuantity • mlhim2:DvRatio • mlhim2:DvInterval • mlhim2:ReferenceRange • mlhim2:DvTemporal
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1}
Children	mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<pre><mlhim2:DvAny xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> </mlhim2:DvAny></pre>
Source	<code><x:element abstract="true" name="DvAny" type="mlhim2:DvAnyType" /></code>

Element mlhim2:DvBooleanType / mlhim2:valid-trues

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	A set of strings that are to be converted to a boolean True in the implementation.
Diagram	
Type	xs:string
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<pre><x:element maxOccurs="1" minOccurs="0" name="valid-trues" type="xs:string"> <x:annotation> <x:documentation>A set of strings that are to be converted to a boolean True in the implementation.</x:documentation> </x:annotation> </x:element></pre>

Element mlhim2:DvBooleanType / mlhim2:valid-falses

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	A set of strings that are to be converted to a boolean False in the implementation.

Diagram	
Type	xs:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<pre><xss:element maxOccurs="1" minOccurs="0" name="valid-falses" type="xs:string"> <xss:annotation> <xss:documentation>A set of strings that are to be converted to a boolean False in the implementation.</xss:documentation> </xss:annotation> </xss:element></pre>

Element mlhim2:DvBooleanType / mlhim2:DvBoolean-dv

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	A truly boolean value in the implementation language, derived by selection in the implementation of one of the valid-trues or valid-falses. DvBoolean-dv may be a Void or Null value; in which case; ev cannot be empty.
Diagram	
Type	xs:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<pre><xss:element maxOccurs="1" minOccurs="0" name="DvBoolean-dv" type="xs:string"> <xss:annotation> <xss:documentation>A truly boolean value in the implementation language, derived by selection in the implementation of one of the valid-trues or valid-falses. DvBoolean-dv may be a Void or Null value; in which case; ev cannot be empty.</xss:documentation> </xss:annotation> </xss:element></pre>

Element mlhim2:DvBoolean

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

	<pre> classDiagram mlhim2:DvBooleanType < -- mlhim2:DvAnyType mlhim2:DvBooleanType --> DvBoolean mlhim2:DvBooleanType --> DvAny </pre> <p>mlhim2:DvBooleanType</p> <p>Base Type: mlhim2:DvAnyType</p> <p>Abstract: true</p> <p>mlhim2:DvAnyType (extension base)</p> <p>Abstract: true</p> <ul style="list-style-type: none"> data-name: Type xs:string Descriptive name of this fragment. mlhim2:ExceptionalValue: Type mlhim2:ExceptionalValueType Abstract: true The exceptional value. Often referred to as Null Flavour. valid-time-begin: Type xs:dateTime If present this must be a valid datetime including timezone valid-time-end: Type xs:dateTime If present this must be a valid datetime including timezone Serves as a common ancestor of all datatypes in MLHIM models. valid-trues: Type xs:string A set of strings that are to be converted to a boolean True in the implementation. valid-falses: Type xs:string A set of strings that are to be converted to a boolean False in the implementation. DvBoolean-dv: Type xs:string A truly boolean value in the implementation language, derived by selection in the implementation of one of the... Items which represent boolean decisions, such as true/false or yes/no answers. Use for such data, it is important to... <p>Substitution Group</p> <ul style="list-style-type: none"> DvAny: Type mlhim2:DvAnyType Abstract: true
Type	mlhim2:DvBooleanType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:DvBooleanType
Properties	content: complex
Substitution Group Affiliation	<ul style="list-style-type: none"> • mlhim2:DvAny
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:valid-trues{0,1} , mlhim2:valid-falses{0,1} , mlhim2:DvBoolean-dv{0,1}
Children	mlhim2:DvBoolean-dv, mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:valid-falses, mlhim2:valid-time-begin, mlhim2:valid-time-end, mlhim2:valid-trues
Instance	<pre> <mlhim2:DvBoolean xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> </pre>

	<pre><mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:valid-trues>{0,1}</mlhim2:valid-trues> <mlhim2:valid-falses>{0,1}</mlhim2:valid-falses> <mlhim2:DvBoolean-dv>{0,1}</mlhim2:DvBoolean-dv> </mlhim2:DvBoolean></pre>
Source	<pre><xss:element name="DvBoolean" substitutionGroup="mlhim2:DvAny" type="mlhim2:DvBooleanType" /></pre>

Element mlhim2:DvURIType / mlhim2:DvURI-dv

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	anyURI as a pointer.						
Diagram							
Type	xs:anyURI						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><xss:element maxOccurs="1" minOccurs="1" name="DvURI-dv" type="xs:anyURI"> <xss:annotation> <xss:documentation>anyURI as a pointer.</xss:documentation> </xss:annotation> </xss:element></pre>						

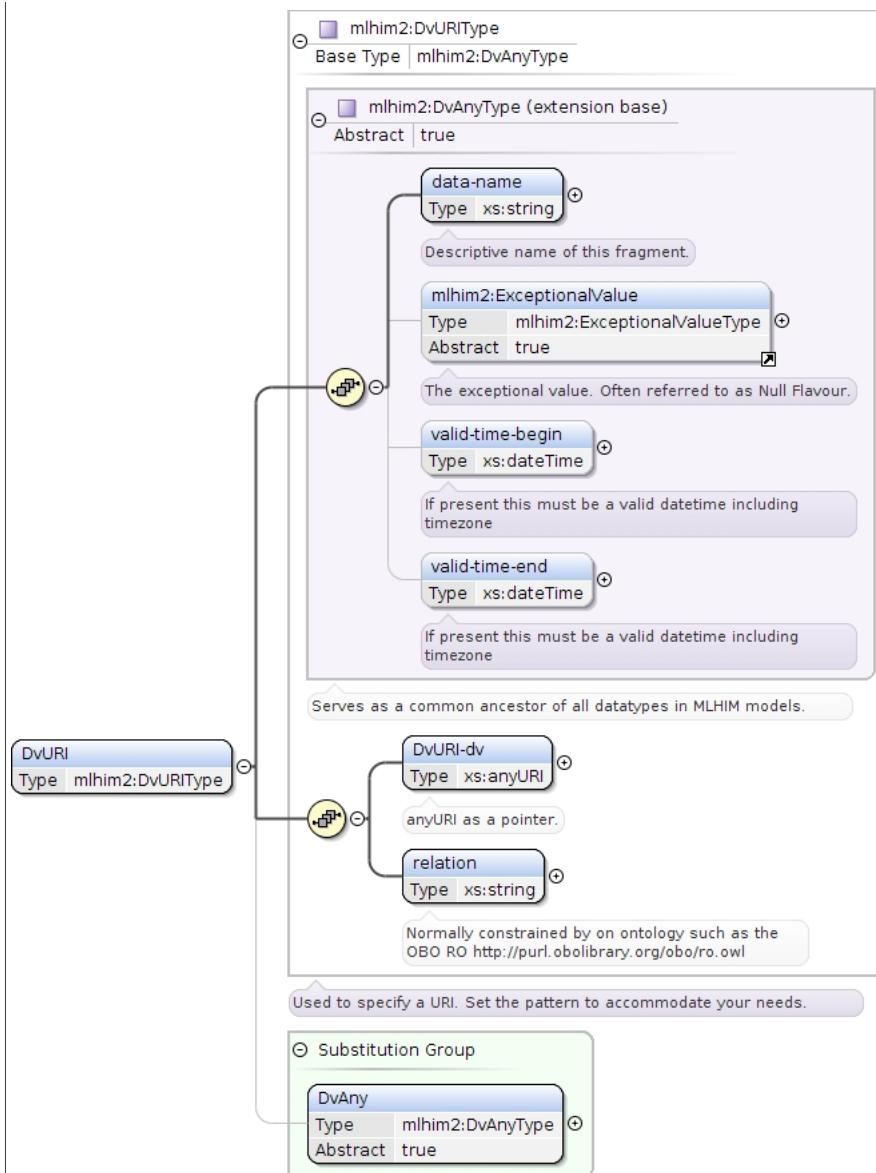
Element mlhim2:DvURIType / mlhim2:relation

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	Normally constrained by on ontology such as the OBO RO http://purl.obolibrary.org/obo/ro.owl						
Diagram							
Type	xs:string						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><xss:element maxOccurs="1" minOccurs="1" name="relation" type="xs:string"> <xss:annotation> <xss:documentation>Normally constrained by on ontology such as the OBO RO http://purl.obolibrary.org/obo/ro.owl</xss:documentation> </xss:annotation> </xss:element></pre>						

Element mlhim2:DvURI

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:DvURIType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> <ul style="list-style-type: none"> • <code>mlhim2:DvURIType</code>
Properties	content: complex
Substitution Group Affiliation	<ul style="list-style-type: none"> • <code>mlhim2:DvAny</code>
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:DvURI-dv</code> , <code>mlhim2:relation</code>
Children	<code>mlhim2:DvURI-dv</code> , <code>mlhim2:ExceptionalValue</code> , <code>mlhim2:data-name</code> , <code>mlhim2:relation</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code>
Instance	<pre><mlhim2:DvURI xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:DvURI-dv>{1,1}</mlhim2:DvURI-dv> <mlhim2:relation>{1,1}</mlhim2:relation> </mlhim2:DvURI></pre>
Source	<code><xs:element name="DvURI" substitutionGroup="mlhim2:DvAny" type="mlhim2:DvURIType" /></code>

Element mlhim2:DvStringType / mlhim2:DvString-dv

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	Displayable rendition of the item.						
Diagram	<pre> graph LR DvStringDv[DvString-dv Type xs:string] --- xsString[xs:string] style DvStringDv fill:#e0f2ff,stroke:#3399cc,stroke-width:1px style xsString fill:#e0f2ff,stroke:#3399cc,stroke-width:1px </pre>						
Type	xs:string						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre> <xs:element maxOccurs="1" minOccurs="0" name="DvString-dv" type="xs:string"> <xs:annotation> <xs:documentation>Displayable rendition of the item.</xs:documentation> </xs:annotation> </xs:element> </pre>						

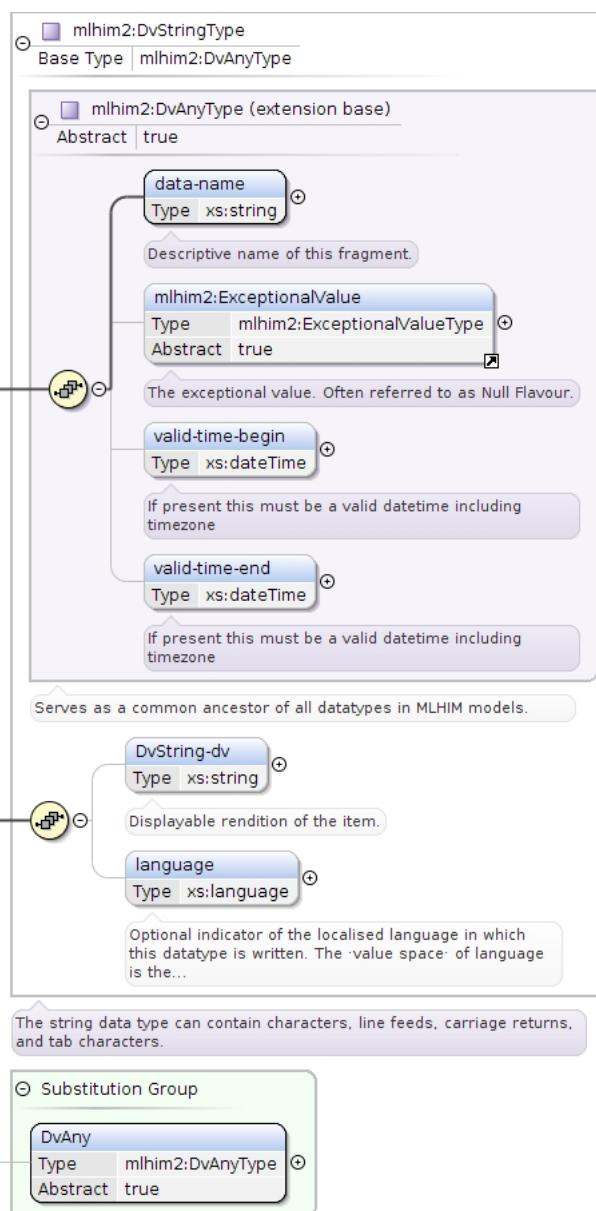
Element mlhim2:DvStringType / mlhim2:language

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	Optional indicator of the localised language in which this datatype is written. The ·value space· of language is the set of all strings that are valid language identifiers as defined [RFC 3066]. Only required when the language used here is different from the enclosing Entry.						
Diagram	<pre> graph LR language[language Type xs:language] --- xsLanguage[xs:language] style language fill:#e0f2ff,stroke:#3399cc,stroke-width:1px style xsLanguage fill:#e0f2ff,stroke:#3399cc,stroke-width:1px </pre>						
Type	xs:language						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre> <xs:element maxOccurs="1" minOccurs="0" name="language" type="xs:language"> <xs:annotation> <xs:documentation>Optional indicator of the localised language in which this datatype is written. The ·value space· of language is the set of all strings that are valid language identifiers as defined [RFC 3066]. Only required when the language used here is different from the enclosing Entry.</xs:documentation> </xs:annotation> </xs:element> </pre>						

Element mlhim2:DvString

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:DvStringType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> <ul style="list-style-type: none"> • <code>mlhim2:DvStringType</code>
Properties	content: complex
Substitution Group Affiliation	<code>mlhim2:DvAny</code>
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:DvString-dv{0,1}</code> , <code>mlhim2:language{0,1}</code>
Children	<code>mlhim2:DvString-dv</code> , <code>mlhim2:ExceptionalValue</code> , <code>mlhim2:data-name</code> , <code>mlhim2:language</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code>
Instance	<pre> <mlhim2:DvString xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:DvString-dv>{0,1}</mlhim2:DvString-dv> <mlhim2:language>{0,1}</mlhim2:language> </mlhim2:DvString> </pre>
Source	<code><xss:element name="DvString" substitutionGroup="mlhim2:DvAny" type="mlhim2:DvStringType" /></code>

Element mlhim2:DvCodedStringType / mlhim2:terminology-abbrev

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	Version Source Abbreviation (VSAB) from NLM Metathesarus; or similar.						
Diagram	<pre> graph LR A[terminology-abbrev] --> B["Type xs:string"] B --> C["Built-in primitive type. The string datatype represents character strings in XML."] </pre> <p>Version Source Abbreviation (VSAB) from NLM Metathesarus; or similar.</p>						
Type	xs:string						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre> <xs:element maxOccurs="1" minOccurs="0" name="terminology-abbrev" type="xs:string"> <xs:annotation> <xs:documentation>Version Source Abbreviation (VSAB) from NLM Metathesarus; or similar.</xs:documentation> </xs:annotation> </xs:element> </pre>						

Element mlhim2:DvCodedStringType / mlhim2:terminology-name

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	Full Source Name from NLM Metathesarus; or similar.						
Diagram	<pre> graph LR A[terminology-name] --> B["Type xs:string"] B --> C["Built-in primitive type. The string datatype represents character strings in XML."] </pre> <p>Full Source Name from NLM Metathesarus; or similar.</p>						
Type	xs:string						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre> <xs:element maxOccurs="1" minOccurs="0" name="terminology-name" type="xs:string"> <xs:annotation> <xs:documentation>Full Source Name from NLM Metathesarus; or similar.</xs:documentation> </xs:annotation> </xs:element> </pre>						

Element mlhim2:DvCodedStringType / mlhim2:terminology-version

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	The proper release/version ID from the releasing authority.						
Diagram	<pre> graph LR A[terminology-version] --> B["Type xs:string"] B --> C["Built-in primitive type. The string datatype represents character strings in XML."] </pre> <p>The proper release/version ID from the releasing authority.</p>						
Type	xs:string						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre> <xs:element maxOccurs="1" minOccurs="0" name="terminology-version" type="xs:string"> <xs:annotation> <xs:documentation>The proper release/version ID from the releasing authority.</xs:documentation> </xs:annotation> </xs:element> </pre>						

Element mlhim2:DvCodedStringType / mlhim2:terminology-code

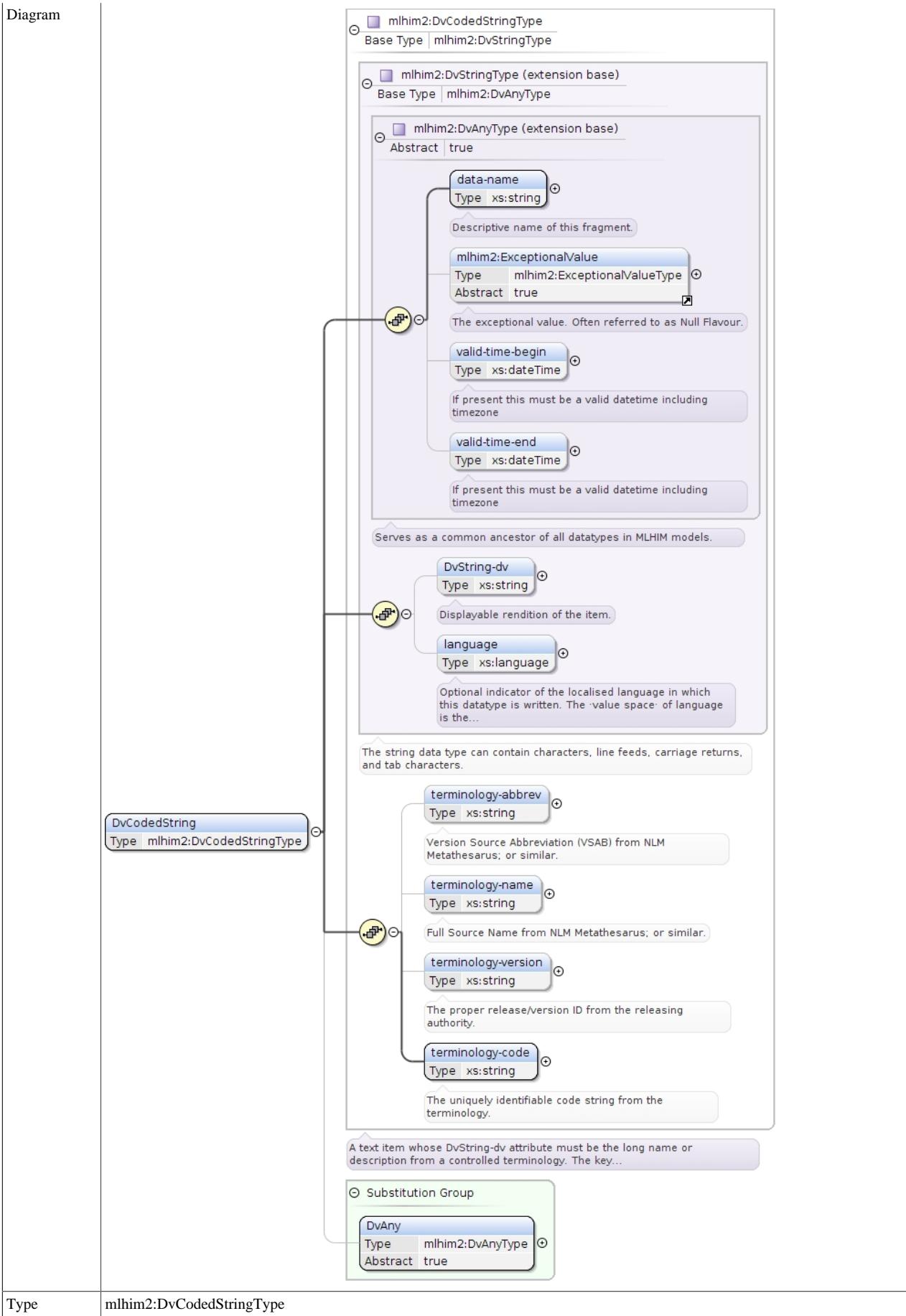
Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Annotations	The uniquely identifiable code string from the terminology.						
Diagram	<pre> classDiagram class terminologyCode { <<The uniquely identifiable code string from the terminology.>> } class xsString { <<Built-in primitive type. The string datatype represents character strings in XML.>> } terminologyCode "1" -- "0..1" xsString </pre>						
Type	xs:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre> <xss:element maxOccurs="1" minOccurs="1" name="terminology-code" type="xs:string"> <xss:annotation> <xss:documentation>The uniquely identifiable code string from the terminology.</xss:documentation> </xss:annotation> </xss:element> </pre>						

Element mlhim2:DvCodedString

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type hierarchy	<ul style="list-style-type: none"> mlhim2:DvAnyType <ul style="list-style-type: none"> mlhim2:DvStringType mlhim2:DvCodedStringType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:DvAny
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:DvString-dv{0,1} , mlhim2:language{0,1} , mlhim2:terminology-abbrev{0,1} , mlhim2:terminology-name{0,1} , mlhim2:terminology-version{0,1} , mlhim2:terminology-code
Children	mlhim2:DvString-dv, mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:language, mlhim2:terminology-abbrev, mlhim2:terminology-code, mlhim2:terminology-name, mlhim2:terminology-version, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<pre><mlhim2:DvCodedString xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>1,1</mlhim2:data-name> <mlhim2:ExceptionalValue>0,1</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>0,1</mlhim2:valid-time-begin> <mlhim2:valid-time-end>0,1</mlhim2:valid-time-end> <mlhim2:DvString-dv>0,1</mlhim2:DvString-dv> <mlhim2:language>0,1</mlhim2:language> <mlhim2:terminology-abbrev>0,1</mlhim2:terminology-abbrev> <mlhim2:terminology-name>0,1</mlhim2:terminology-name> <mlhim2:terminology-version>0,1</mlhim2:terminology-version> <mlhim2:terminology-code>1,1</mlhim2:terminology-code> </mlhim2:DvCodedString></pre>
Source	<pre><xss:element name="DvCodedString" substitutionGroup="mlhim2:DvString mlhim2:DvAny" type="mlhim2:DvCodedStringType"/></pre>

Element mlhim2:DvIdentifierType / mlhim2:id-name

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	The identifier common name, such as "Driver's License" or "SSN".						
Diagram	<p>The identifier common name, such as "Driver's License" or "SSN".</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>						
Type	xs:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xss:element maxOccurs="1" minOccurs="0" name="id-name" type="xs:string"> <xss:annotation> <xss:documentation>The identifier common name, such as "Driver's License" or "SSN".</xss:documentation> </xss:annotation> </xss:element></pre>						

Element mlhim2:DvIdentifierType / mlhim2:issuer

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1				
Annotations	Authority which issues the kind of id used in the id field of this object.				
Diagram	<p>Authority which issues the kind of id used in the id field of this object.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>				
Type	xs:string				
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				

	maxOccurs:	1
Source	<xs:element maxOccurs="1" minOccurs="0" name="issuer" type="xs:string"> <xs:annotation> <xs:documentation>Authority which issues the kind of id used in the id field of this object.</xs:documentation> </xs:annotation> </xs:element>	

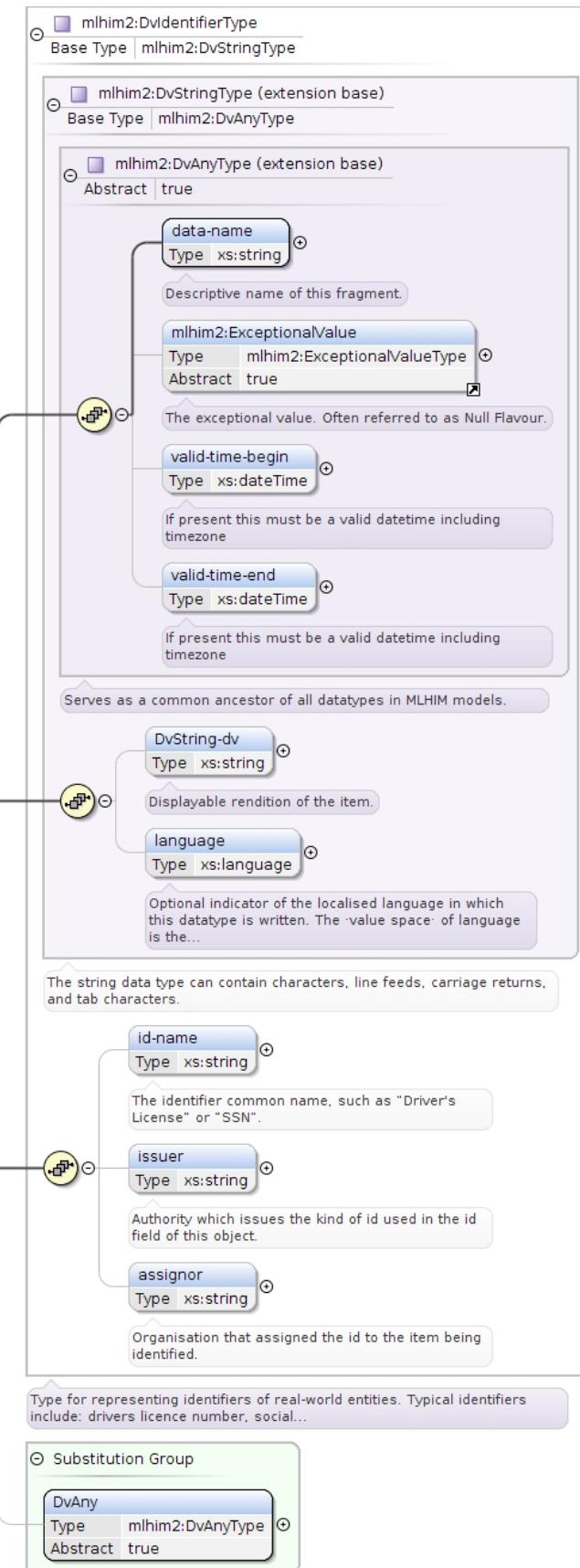
Element mlhim2:DvIdentifierType / mlhim2:assignor

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	Organisation that assigned the id to the item being identified.						
Diagram	<pre> classDiagram class assignor { <<Organisation that assigned the id to the item being identified.>> } assignor < -- xs:string <<Built-in primitive type. The string datatype represents character strings in XML.>> </pre>						
Type	xs:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xs:element maxOccurs="1" minOccurs="0" name="assignor" type="xs:string"> <xs:annotation> <xs:documentation>Organisation that assigned the id to the item being identified.</xs:documentation> </xs:annotation> </xs:element>						

Element mlhim2:DvIdentifier

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:DvIdentifierType</code>
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Type hierarchy	<ul style="list-style-type: none"> <code>mlhim2:DvAnyType</code> <code>mlhim2:DvStringType</code>
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	<ul style="list-style-type: none"> • mlhim2:DvIdentifierType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:DvAny
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:DvString-dv{0,1} , mlhim2:language{0,1} , mlhim2:id-name{0,1} , mlhim2:issuer{0,1} , mlhim2:assignor{0,1}
Children	mlhim2:DvString-dv, mlhim2:ExceptionalValue, mlhim2:assignor, mlhim2:data-name, mlhim2:id-name, mlhim2:issuer, mlhim2:language, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<pre><mlhim2:DvIdentifier xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:DvString-dv>{0,1}</mlhim2:DvString-dv> <mlhim2:language>{0,1}</mlhim2:language> <mlhim2:id-name>{0,1}</mlhim2:id-name> <mlhim2:issuer>{0,1}</mlhim2:issuer> <mlhim2:assignor>{0,1}</mlhim2:assignor> </mlhim2:DvIdentifier></pre>
Source	<pre><x:element name="DvIdentifier" substitutionGroup="mlhim2:DvString mlhim2:DvAny" type="mlhim2:DvIdentifierType"/></pre>

Element mlhim2:DvEncapsulatedType / mlhim2:size

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	Original size in bytes of unencoded encapsulated data. I.e. encodings such as base64, hex-adecimal etc do not change the value of this attribute.						
Diagram	<p>size Type xs:int</p> <p>Original size in bytes of unencoded encapsulated data. I.e. encodings such as base64, hex-adecimal etc do not change...</p> <p>Built-in derived type. The int datatype is derived from long by setting the value of maxInclusive to 2147483647 and...</p>						
Type	xs:int						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><x:element maxOccurs="1" minOccurs="1" name="size" type="xs:int"> <x:annotation> <x:documentation>Original size in bytes of unencoded encapsulated data. I.e. encodings such as base64, hex-adecimal etc do not change the value of this attribute.</x:documentation> </x:annotation> </x:element></pre>						

Element mlhim2:DvEncapsulatedType / mlhim2:charset

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Name of character encoding scheme in which this value is encoded. Coded from the IANA character set table: http://www.iana.org/assignments/character-sets Unicode is the default assumption in MLHIM, with UTF-8 being the assumed encoding. This attribute allows for variations from these assumptions.
Diagram	<p>charset Type xs:string</p> <p>Name of character encoding scheme in which this value is encoded. Coded from the IANA character set table:...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string

Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<pre><xs:element maxOccurs="1" minOccurs="0" name="charset" type="xs:string"> <xs:annotation> <xs:documentation>Name of character encoding scheme in which this value is encoded. Coded from the IANA character set table: http://www.iana.org/assignments/character-sets Unicode is the default assumption in MLHIM, with UTF-8 being the assumed encoding. This attribute allows for variations from these assumptions.</xs:documentation> </xs:annotation> </xs:element></pre>

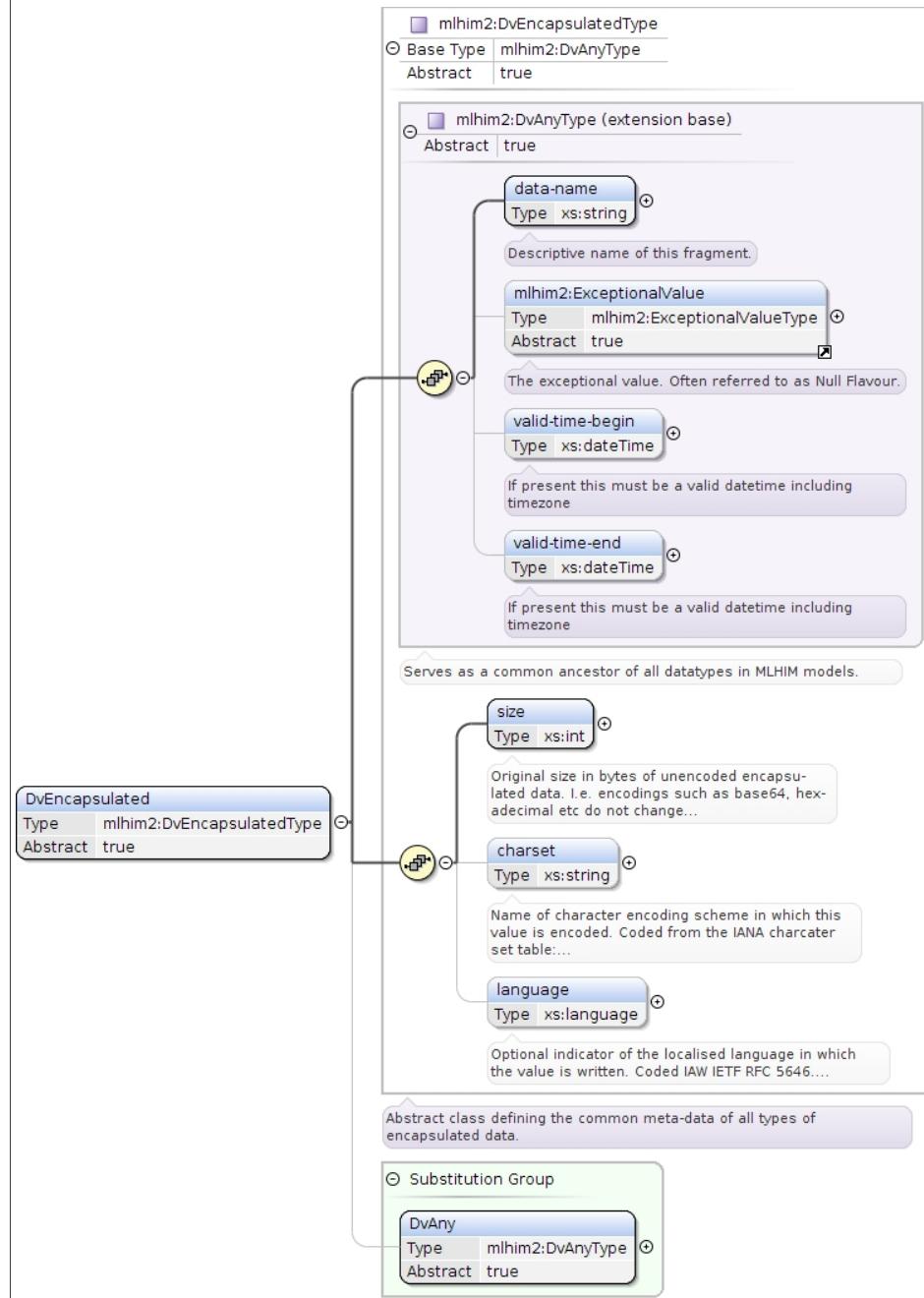
Element mlhim2:DvEncapsulatedType / mlhim2:language

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Optional indicator of the localised language in which the value is written. Coded IAW IETF RFC 5646. http://tools.ietf.org/html/rfc5646 language tag information should be used from the IANA registry http://www.iana.org/assignments/language-subtag-registry Only used when the text object is in a different language from the enclosing CCD.
Diagram	<p>language Type xs:language</p> <p>xs:language</p> <p>Built-in derived type. The language datatype represents natural language identifiers as defined by [RFC 1766]. The base...</p>
Type	xs:language
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<pre><xs:element maxOccurs="1" minOccurs="0" name="language" type="xs:language"> <xs:annotation> <xs:documentation>Optional indicator of the localised language in which the value is written. Coded IAW IETF RFC 5646. http://tools.ietf.org/html/rfc5646 language tag information should be used from the IANA registry http://www.iana.org/assignments/language-subtag-registry Only used when the text object is in a different language from the enclosing CCD.</xs:documentation> </xs:annotation> </xs:element></pre>

Element mlhim2:DvEncapsulated

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:DvEncapsulatedType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> <ul style="list-style-type: none"> • <code>mlhim2:DvEncapsulatedType</code>
Properties	content: complex abstract: true
Substitution Group Affiliation	• <code>mlhim2:DvAny</code>
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:size</code> , <code>mlhim2:charset{0,1}</code> , <code>mlhim2:language{0,1}</code>
Children	<code>mlhim2:ExceptionalValue</code> , <code>mlhim2:charset</code> , <code>mlhim2:data-name</code> , <code>mlhim2:language</code> , <code>mlhim2:size</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code>
Instance	<pre><mlhim2:DvEncapsulated xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin></pre>

	<pre><mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:size>{1,1}</mlhim2:size> <mlhim2:charset>{0,1}</mlhim2:charset> <mlhim2:language>{0,1}</mlhim2:language> </mlhim2:DvEncapsulated></pre>
Source	<pre><xs:element abstract="true" name="DvEncapsulated" substitutionGroup="mlhim2:DvAny" type="mlhim2:DvEncapsulatedType"/></pre>

Element mlhim2:DvParsableType / mlhim2:DvParsable-dv

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	The string, which may validly be empty in some syntaxes						
Diagram	<p>DvParsable-dv</p> <p>Type xs:string</p> <p>The string, which may validly be empty in some syntaxes</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>						
Type	xs:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xs:element maxOccurs="1" minOccurs="0" name="DvParsable-dv" type="xs:string"> <xs:annotation> <xs:documentation>The string, which may validly be empty in some syntaxes</xs:documentation> </xs:annotation> </xs:element></pre>						

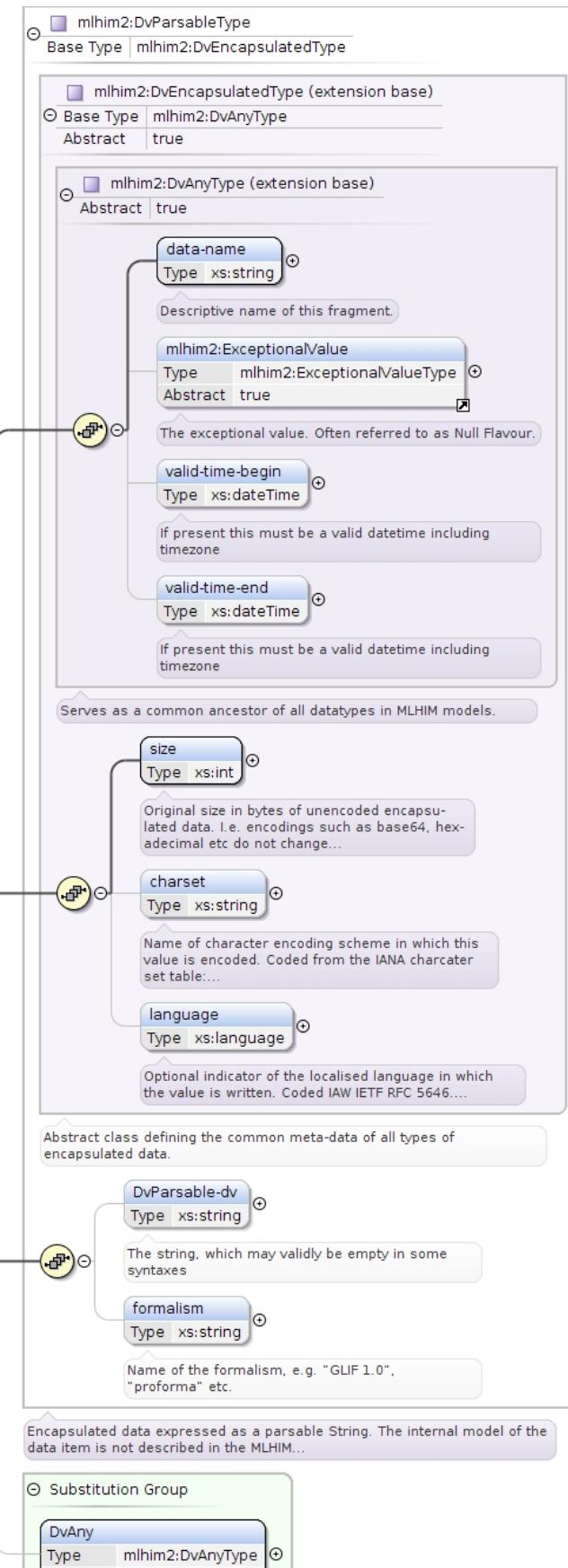
Element mlhim2:DvParsableType / mlhim2:formalism

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	Name of the formalism, e.g. "GLIF 1.0", "proforma" etc.						
Diagram	<p>formalism</p> <p>Type xs:string</p> <p>Name of the formalism, e.g. "GLIF 1.0", "proforma" etc.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>						
Type	xs:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xs:element maxOccurs="1" minOccurs="0" name="formalism" type="xs:string"> <xs:annotation> <xs:documentation>Name of the formalism, e.g. "GLIF 1.0", "proforma" etc.</xs:documentation> </xs:annotation> </xs:element></pre>						

Element mlhim2:DvParsable

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	mlhim2:DvParsableType
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Type hierarchy	<ul style="list-style-type: none"> mlhim2:DvAnyType <ul style="list-style-type: none"> mlhim2:DvEncapsulatedType mlhim2:DvParsableType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:DvAny
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:size , mlhim2:charset{0,1} , mlhim2:language{0,1} , mlhim2:DvParsable-dv{0,1} , mlhim2:formalism{0,1}
Children	mlhim2:DvParsable-dv, mlhim2:ExceptionalValue, mlhim2:charset, mlhim2:data-name, mlhim2:formalism, mlhim2:language, mlhim2:size, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<pre><mlhim2:DvParsable xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:size>{1,1}</mlhim2:size> <mlhim2:charset>{0,1}</mlhim2:charset> <mlhim2:language>{0,1}</mlhim2:language> <mlhim2:DvParsable-dv>{0,1}</mlhim2:DvParsable-dv> <mlhim2:formalism>{0,1}</mlhim2:formalism> </mlhim2:DvParsable></pre>
Source	<pre><xss:element name="DvParsable" substitutionGroup="mlhim2:DvEncapsulated mlhim2:DvAny" type="mlhim2:DvParsableType"/></pre>

Element mlhim2:DvMediaType / mlhim2:mime-type

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	MIME type of the original media-content w/o any compression. See IANA registered types: http://www.iana.org/assignments/media-types/index.html						
Diagram	<p>MIME type of the original media-content w/o any compression. See IANA registered types....</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>						
Type	xs:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xss:element maxOccurs="1" minOccurs="0" name="mime-type" type="xs:string"> <xss:annotation> <xss:documentation>MIME type of the original media-content w/o any compression. See IANA registered types: http://www.iana.org/assignments/media-types/index.html</xss:documentation> </xss:annotation> </xss:element></pre>						

Element mlhim2:DvMediaType / mlhim2:compression-type

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Compression/archiving mime-type. Void means no compression/archiving. For a list of common mime-types for compression/archiving see: http://en.wikipedia.org/wiki/List_of_archive_formats
Diagram	<p>Compression/archiving mime-type. Void means no compression/archiving. For a list of common mime-types for...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Properties	content: simple

	minOccurs:	0
	maxOccurs:	1
Source	<pre><xs:element maxOccurs="1" minOccurs="0" name="compression-type" type="xs:string"> <xs:annotation> <xs:documentation>Compression/archiving mime-type. Void means no compression/archiving. For a list of common mime-types for compression/archiving see: http://en.wikipedia.org/wiki/List_of_archive_formats</xs:documentation> </xs:annotation> </xs:element></pre>	

Element mlhim2:DvMediaType / mlhim2:hash-result

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	Hash function result of the 'media-content'. There must be a corresponding hash function type listed for this to have any meaning. See: http://en.wikipedia.org/wiki/List_of_hash_functions#Cryptographic_hash_functions						
Diagram	<pre> classDiagram class hash-result { <<Hash function result of the 'media-content'. There must be a corresponding hash function type listed for this to have any meaning...>> <<Built-in primitive type. The string datatype represents character strings in XML.>> } hash-result "1" -- "0" xs:string </pre> <p>The diagram shows a UML class named 'hash-result'. It has a note below it stating: 'Hash function result of the 'media-content'. There must be a corresponding hash function type listed for this to have...'. A relationship line connects 'hash-result' to the 'xs:string' type, with a multiplicity of 1 at 'hash-result' and 0 at 'xs:string'. A note next to the relationship states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>						
Type	xs:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xs:element maxOccurs="1" minOccurs="0" name="hash-result" type="xs:string"> <xs:annotation> <xs:documentation>Hash function result of the 'media-content'. There must be a corresponding hash function type listed for this to have any meaning. See: http://en.wikipedia.org/wiki/List_of_hash_functions#Cryptographic_hash_functions</xs:documentation> </xs:annotation> </xs:element></pre>						

Element mlhim2:DvMediaType / mlhim2:hash-function

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	Hash function used to compute hash-result. See: http://en.wikipedia.org/wiki/List_of_hash_functions#Cryptographic_hash_functions						
Diagram	<pre> classDiagram class hash-function { <<Hash function used to compute hash-result. See....>> <<Built-in primitive type. The string datatype represents character strings in XML.>> } hash-function "1" -- "0" xs:string </pre> <p>The diagram shows a UML class named 'hash-function'. It has a note below it stating: 'Hash function used to compute hash-result. See....'. A relationship line connects 'hash-function' to the 'xs:string' type, with a multiplicity of 1 at 'hash-function' and 0 at 'xs:string'. A note next to the relationship states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>						
Type	xs:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xs:element maxOccurs="1" minOccurs="0" name="hash-function" type="xs:string"> <xs:annotation> <xs:documentation>Hash function used to compute hash-result. See: http://en.wikipedia.org/wiki/List_of_hash_functions#Cryptographic_hash_functions</xs:documentation> </xs:annotation> </xs:element></pre>						

Element mlhim2:DvMediaType / mlhim2:alt-txt

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Text to display in lieu of multimedia display or execution.

Diagram	<p>Text to display in lieu of multimedia display or execution.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>						
Type	xs:string						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xs:element maxOccurs="1" minOccurs="0" name="alt-txt" type="xs:string"> <xs:annotation> <xs:documentation>Text to display in lieu of multimedia display or execution.</xs:documentation> </xs:annotation> </xs:element></pre>						

Element mlhim2:DvMediaType / mlhim2:uri

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	URI reference to electronic information stored outside the record as a file, database entry etc, if supplied as a reference.						
Diagram	<p>URI reference to electronic information stored outside the record as a file, database entry etc, if supplied as a reference.</p> <p>Built-in primitive type. The anyURI datatype represents a Uniform Resource Identifier Reference (URI).</p>						
Type	xs:anyURI						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xs:element maxOccurs="1" minOccurs="0" name="uri" type="xs:anyURI"> <xs:annotation> <xs:documentation>URI reference to electronic information stored outside the record as a file, database entry etc, if supplied as a reference.</xs:documentation> </xs:annotation> </xs:element></pre>						

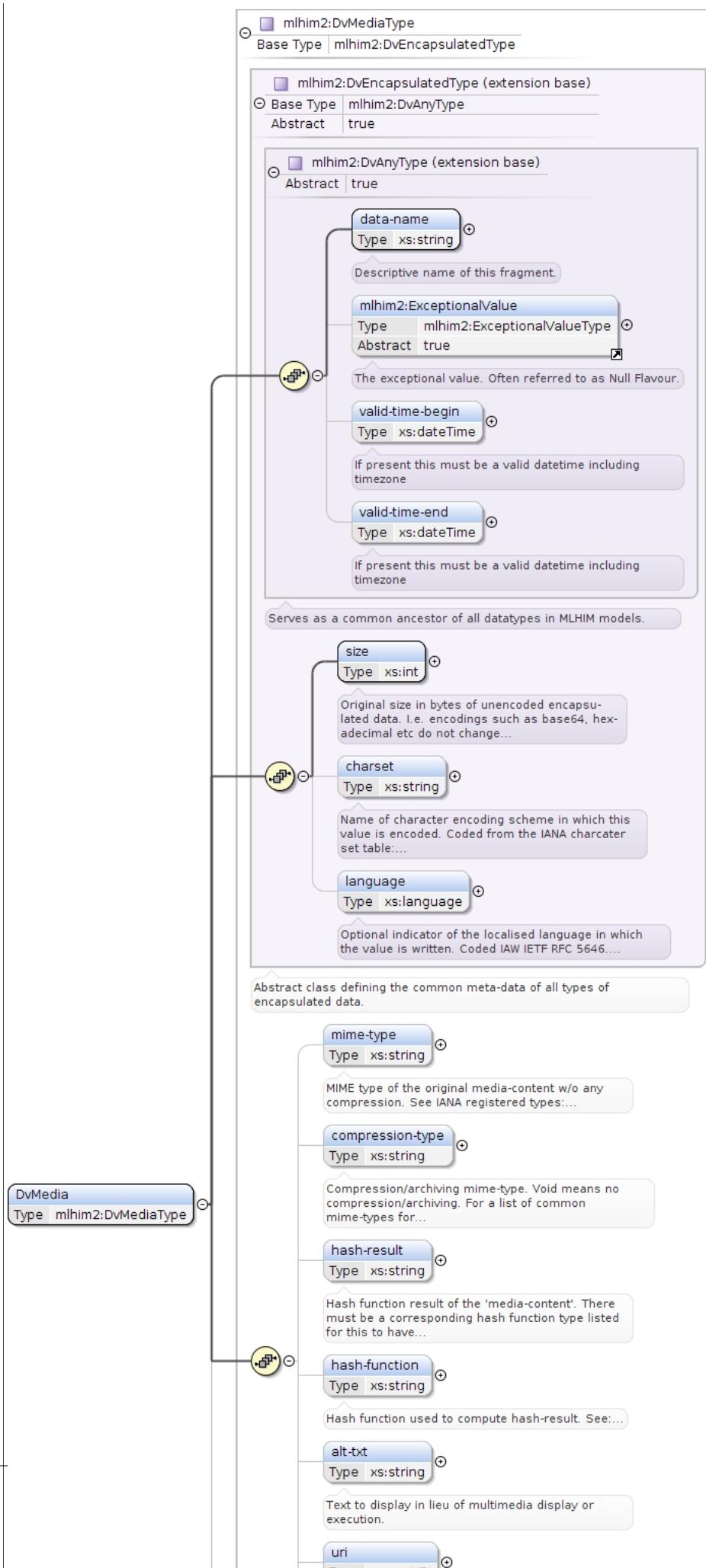
Element mlhim2:DvMediaType / mlhim2:media-content

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	The content; if stored locally.						
Diagram	<p>The content; if stored locally.</p> <p>Built-in primitive type. The base64Binary datatype represents Base64-encoded arbitrary binary data.</p>						
Type	xs:base64Binary						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xs:element maxOccurs="1" minOccurs="0" name="media-content" type="xs:base64Binary"> <xs:annotation> <xs:documentation>The content; if stored locally.</xs:documentation> </xs:annotation> </xs:element></pre>						

Element mlhim2:DvMedia

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

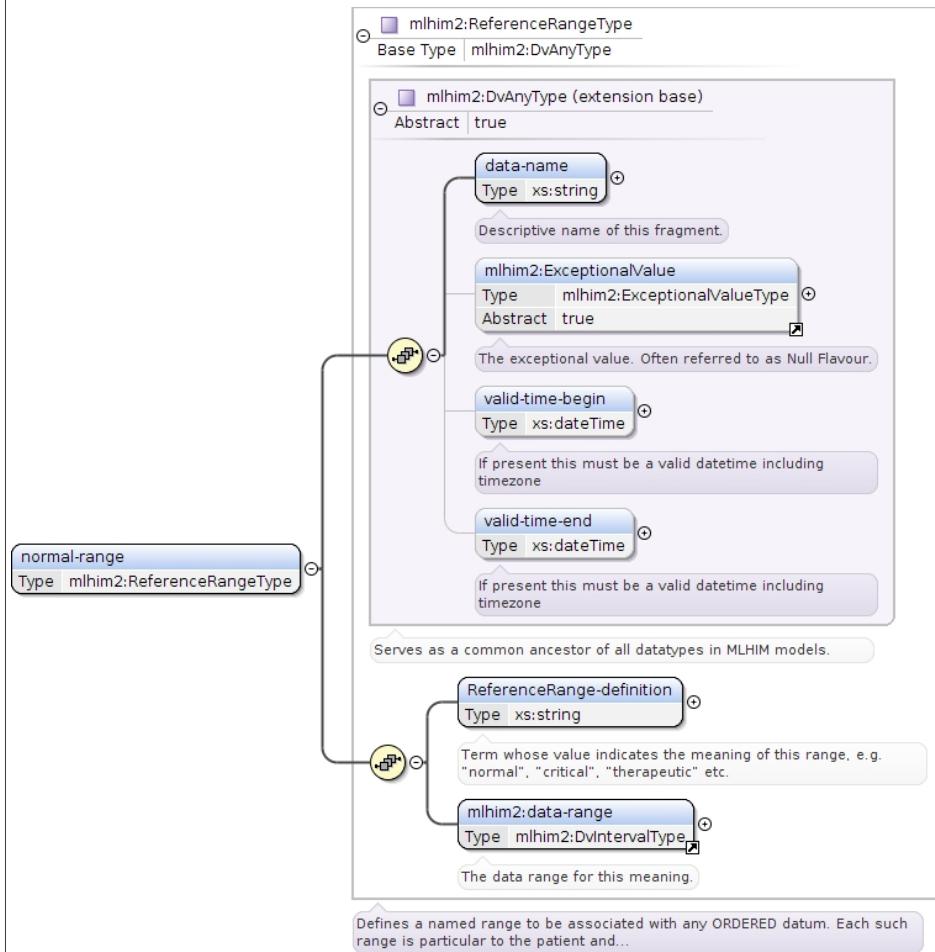


Type	mlhim2:DvMediaType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:DvEncapsulatedType • mlhim2:DvMediaType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:DvAny
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:size , mlhim2:charset{0,1} , mlhim2:language{0,1} , mlhim2:mime-type{0,1} , mlhim2:compression-type{0,1} , mlhim2:hash-result{0,1} , mlhim2:hash-function{0,1} , mlhim2:alt-txt{0,1} , mlhim2:uri{0,1} , mlhim2:media-content{0,1}
Children	mlhim2:ExceptionalValue, mlhim2:alt-txt, mlhim2:charset, mlhim2:compression-type, mlhim2:data-name, mlhim2:hash-function, mlhim2:hash-result, mlhim2:language, mlhim2:media-content, mlhim2:mime-type, mlhim2:size, mlhim2:uri, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<pre><mlhim2:DvMedia xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:size>{1,1}</mlhim2:size> <mlhim2:charset>{0,1}</mlhim2:charset> <mlhim2:language>{0,1}</mlhim2:language> <mlhim2:mime-type>{0,1}</mlhim2:mime-type> <mlhim2:compression-type>{0,1}</mlhim2:compression-type> <mlhim2:hash-result>{0,1}</mlhim2:hash-result> <mlhim2:hash-function>{0,1}</mlhim2:hash-function> <mlhim2:alt-txt>{0,1}</mlhim2:alt-txt> <mlhim2:uri>{0,1}</mlhim2:uri> <mlhim2:media-content>{0,1}</mlhim2:media-content> </mlhim2:DvMedia></pre>
Source	<pre><xss:element name="DvMedia" substitutionGroup="mlhim2:DvEncapsulated mlhim2:DvAny" type="mlhim2:DvMediaType"/></pre>

Element mlhim2:normal-range

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	mlhim2:ReferenceRangeType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:ReferenceRangeType
Properties	content: complex
Used by	Complex Types mlhim2:DvCountType, mlhim2:DvOrderedType, mlhim2:DvOrdinalType, mlhim2:DvQuantifiedType, mlhim2:DvQuantityType, mlhim2:DvRatioType, mlhim2:DvTemporalType
Model	mlhim2:data-name, mlhim2:ExceptionalValue{0,1}, mlhim2:valid-time-begin{0,1}, mlhim2:valid-time-end{0,1}, mlhim2:ReferenceRange-definition, mlhim2:data-range
Children	mlhim2:ExceptionalValue, mlhim2:ReferenceRange-definition, mlhim2:data-name, mlhim2:data-range, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<pre><mlhim2:normal-range xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:ReferenceRange-definition>{1,1}</mlhim2:ReferenceRange-definition> <mlhim2:data-range>{1,1}</mlhim2:data-range> </mlhim2:normal-range></pre>
Source	<code><xss:element name="normal-range" type="mlhim2:ReferenceRangeType" /></code>

Element mlhim2:ReferenceRangeType / mlhim2:ReferenceRange-definition

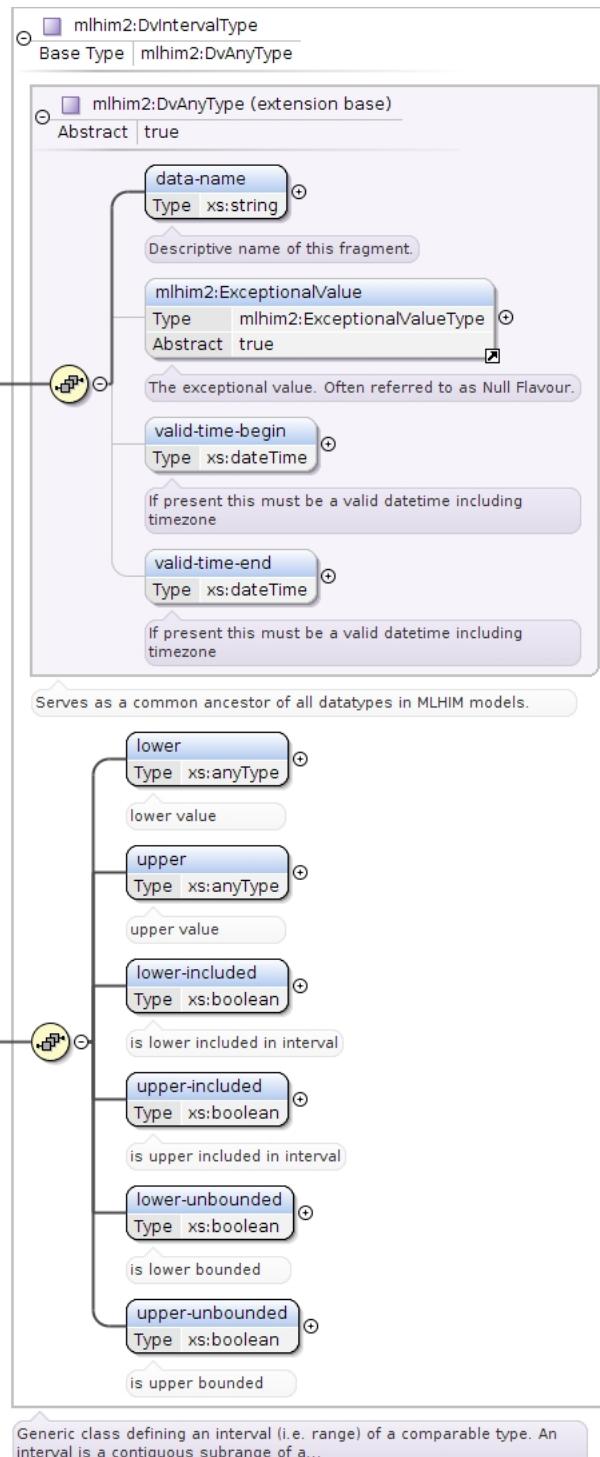
Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Term whose value indicates the meaning of this range, e.g. "normal", "critical", "therapeutic" etc.

Diagram	<p>The diagram shows a class named 'ReferenceRange-definition' with a dependency relationship (indicated by a hollow circle) to the type 'xs:string'. A tooltip for 'xs:string' states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>						
Type	xs:string						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="ReferenceRange-definition" type="xs:string"> <xs:annotation> <xs:documentation>Term whose value indicates the meaning of this range, e.g. "normal", "critical", "therapeutic" etc.</xs:documentation> </xs:annotation> </xs:element></pre>						

Element mlhim2:data-range

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:DvIntervalType</code>	
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> • <code>mlhim2:DvIntervalType</code> 	
Properties	content: complex	
Used by	Complex Type <code>mlhim2:ReferenceRangeType</code>	
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:lower</code> , <code>mlhim2:upper</code> , <code>mlhim2:lower-included</code> , <code>mlhim2:upper-included</code> , <code>mlhim2:lower-unbounded</code> , <code>mlhim2:upper-unbounded</code>	
Children	<code>mlhim2:ExceptionalValue</code> , <code>mlhim2:data-name</code> , <code>mlhim2:lower</code> , <code>mlhim2:lower-included</code> , <code>mlhim2:lower-unbounded</code> , <code>mlhim2:upper</code> , <code>mlhim2:upper-included</code> , <code>mlhim2:upper-unbounded</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code>	

Instance	<pre><mlhim2:data-range xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:lower>{1,1}</mlhim2:lower> <mlhim2:upper>{1,1}</mlhim2:upper> <mlhim2:lower-included>{1,1}</mlhim2:lower-included> <mlhim2:upper-included>{1,1}</mlhim2:upper-included> <mlhim2:lower-unbounded>{1,1}</mlhim2:lower-unbounded> <mlhim2:upper-unbounded>{1,1}</mlhim2:upper-unbounded> </mlhim2:data-range></pre>
Source	<pre><xs:element name="data-range" type="mlhim2:DvIntervalType"/></pre>

Element mlhim2:DvIntervalType / mlhim2:lower

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	lower value
Diagram	<p>The diagram shows the xs:anyType element as the root of the type definition hierarchy. It has two associations: one to 'lower' (Type xs:anyType) with multiplicity 1..1, and another to '##any' (Type xs:anyType) with multiplicity 0..infinity. A callout box notes that xs:anyType serves as the root of the type definition hierarchy for any schema.</p>
Properties	minOccurs: 1 maxOccurs: 1
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="lower" type="xs:anyType"> <xs:annotation> <xs:documentation>lower value</xs:documentation> </xs:annotation> </xs:element></pre>

Element mlhim2:DvIntervalType / mlhim2:upper

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	upper value
Diagram	<p>The diagram shows the xs:anyType element as the root of the type definition hierarchy. It has two associations: one to 'upper' (Type xs:anyType) with multiplicity 1..1, and another to '##any' (Type xs:anyType) with multiplicity 0..infinity. A callout box notes that xs:anyType serves as the root of the type definition hierarchy for any schema.</p>
Properties	minOccurs: 1 maxOccurs: 1
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="upper" type="xs:anyType"> <xs:annotation> <xs:documentation>upper value</xs:documentation> </xs:annotation> </xs:element></pre>

Element mlhim2:DvIntervalType / mlhim2:lower-included

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	is lower included in interval

Diagram	<p><code>lower-included</code> Type <code>xs:boolean</code></p> <p>is lower included in interval</p>	<p><code>xs:boolean</code></p> <p>Built-in primitive type. It defines the boolean values true and false.</p>
Type	xs:boolean	
Properties	content: simple minOccurs: 1 maxOccurs: 1	
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="lower-included" type="xs:boolean"> <xs:annotation> <xs:documentation>is lower included in interval</xs:documentation> </xs:annotation> </xs:element></pre>	

Element mlhim2:DvIntervalType / mlhim2:upper-included

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1	
Annotations	is upper included in interval	
Diagram	<p><code>upper-included</code> Type <code>xs:boolean</code></p> <p>is upper included in interval</p>	<p><code>xs:boolean</code></p> <p>Built-in primitive type. It defines the boolean values true and false.</p>
Type	xs:boolean	
Properties	content: simple minOccurs: 1 maxOccurs: 1	
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="upper-included" type="xs:boolean"> <xs:annotation> <xs:documentation>is upper included in interval</xs:documentation> </xs:annotation> </xs:element></pre>	

Element mlhim2:DvIntervalType / mlhim2:lower-unbounded

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1	
Annotations	is lower bounded	
Diagram	<p><code>lower-unbounded</code> Type <code>xs:boolean</code></p> <p>is lower bounded</p>	<p><code>xs:boolean</code></p> <p>Built-in primitive type. It defines the boolean values true and false.</p>
Type	xs:boolean	
Properties	content: simple minOccurs: 1 maxOccurs: 1	
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="lower-unbounded" type="xs:boolean"> <xs:annotation> <xs:documentation>is lower bounded</xs:documentation> </xs:annotation> </xs:element></pre>	

Element mlhim2:DvIntervalType / mlhim2:upper-unbounded

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1	
Annotations	is upper bounded	
Diagram	<p><code>upper-unbounded</code> Type <code>xs:boolean</code></p> <p>is upper bounded</p>	<p><code>xs:boolean</code></p> <p>Built-in primitive type. It defines the boolean values true and false.</p>

Type	xs:boolean
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="upper-unbounded" type="xs:boolean"> <xs:annotation> <xs:documentation>is upper bounded</xs:documentation> </xs:annotation> </xs:element></pre>

Element mlhim2:other-reference-ranges

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>The diagram illustrates the UML class structure for the element <code>other-reference-ranges</code>. It is defined as a concrete class (<code>mlhim2:other-reference-ranges</code>) that inherits from the abstract base type <code>mlhim2:DvAnyType</code>. The class has several associations:</p> <ul style="list-style-type: none"> An association with <code>mlhim2:ExceptionalValue</code>, which is also an abstract type. This association is annotated with "The exceptional value. Often referred to as Null Flavour." An association with <code>mlhim2:valid-time-begin</code> and <code>mlhim2:valid-time-end</code>, both of which are <code>xs:dateTime</code> types. These associations are annotated with "If present this must be a valid datetime including timezone". An association with <code>mlhim2:ReferenceRange-definition</code>, which is a <code>xs:string</code> type. This association is annotated with "Term whose value indicates the meaning of this range, e.g. 'normal', 'critical', 'therapeutic' etc." An association with <code>mlhim2:data-range</code>, which is a <code>mlhim2:DvIntervalType</code> type. This association is annotated with "The data range for this meaning." <p>A general note at the bottom states: "Defines a named range to be associated with any ORDERED datum. Each such range is particular to the patient and..."</p>
Type	<code>mlhim2:ReferenceRangeType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> <ul style="list-style-type: none"> • <code>mlhim2:ReferenceRangeType</code>
Properties	content: complex
Used by	Complex Types: <code>mlhim2:DvCountType</code> , <code>mlhim2:DvOrderedType</code> , <code>mlhim2:DvOrdinalType</code> , <code>mlhim2:DvQuantifiedType</code> , <code>mlhim2:DvQuantityType</code> , <code>mlhim2:DvRatioType</code> , <code>mlhim2:DvTemporalType</code>
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:ReferenceRange-definition</code> , <code>mlhim2:data-range</code>
Children	<code>mlhim2:ExceptionalValue</code> , <code>mlhim2:ReferenceRange-definition</code> , <code>mlhim2:data-name</code> , <code>mlhim2:data-range</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code>
Instance	<pre><mlhim2:other-reference-ranges xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin></pre>

	<pre><mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:ReferenceRange-definition>{1,1}</mlhim2:ReferenceRange-definition> <mlhim2:data-range>{1,1}</mlhim2:data-range> </mlhim2:other-reference-ranges></pre>
Source	<pre><xss:element name="other-reference-ranges" type="mlhim2:ReferenceRangeType" /></pre>

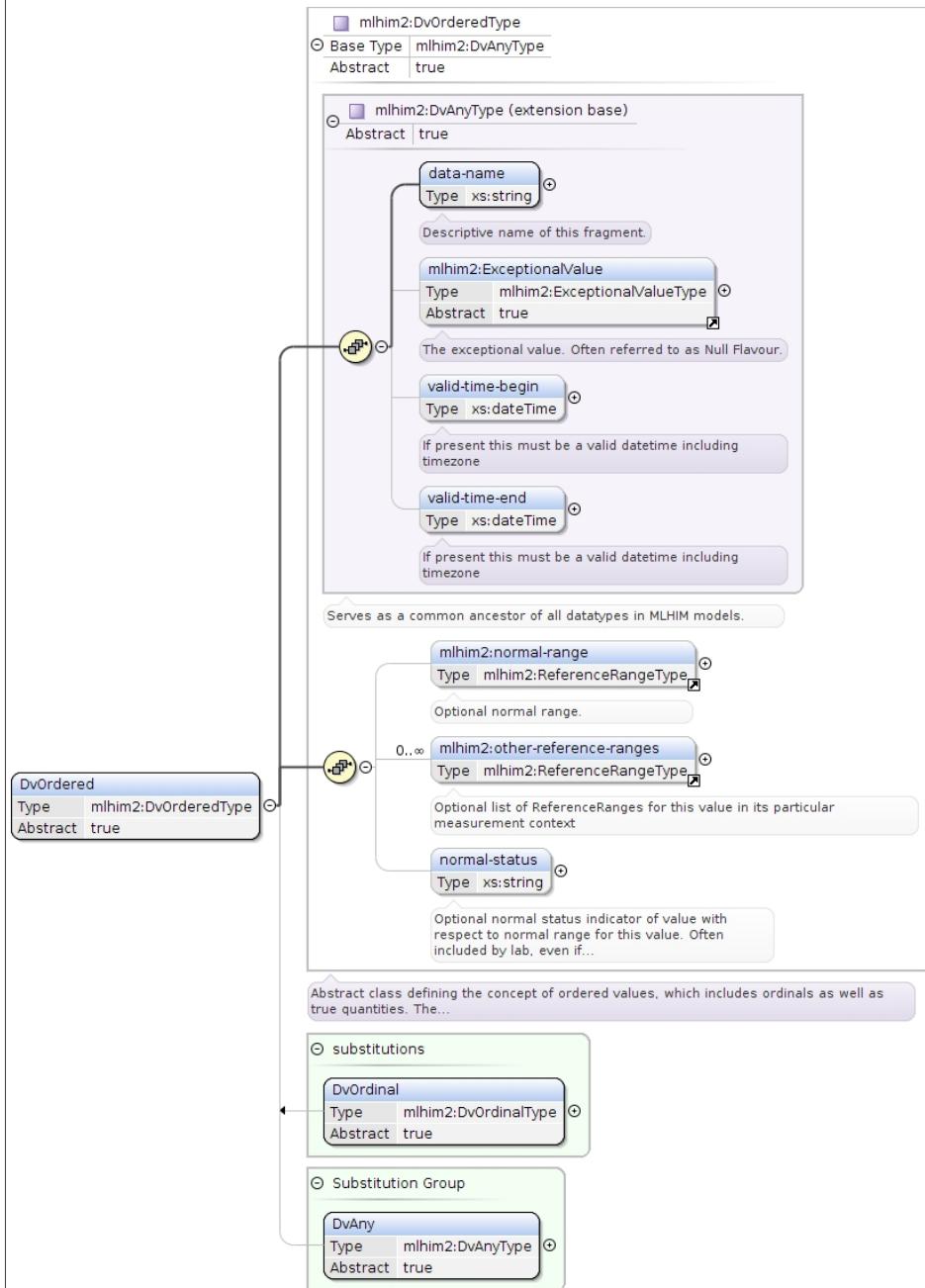
Element mlhim2:DvOrderedType / mlhim2:normal-status

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	<p>Optional normal status indicator of value with respect to normal range for this value. Often included by lab, even if the normal range itself is not included. Coded by ordinals in series HHH, HH, H, (nothing), L, LL, LLL, etc.</p>						
Diagram							
Type	xs:string						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xss:element maxOccurs="1" minOccurs="0" name="normal-status" type="xs:string"> <xss:annotation> <xss:documentation>Optional normal status indicator of value with respect to normal range for this value. Often included by lab, even if the normal range itself is not included. Coded by ordinals in series HHH, HH, H, (nothing), L, LL, LLL, etc.</xss:documentation> </xss:annotation> </xss:element></pre>						

Element mlhim2:DvOrdered

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:DvOrderedType</code>				
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> • <code>mlhim2:DvOrderedType</code> 				
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>abstract:</td><td>true</td></tr> </table>	content:	complex	abstract:	true
content:	complex				
abstract:	true				
Substitution Group Affiliation	<ul style="list-style-type: none"> • <code>mlhim2:DvAny</code> 				
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:normal-range{0,1}</code> , <code>mlhim2:other-reference-ranges*</code> , <code>mlhim2:normal-status{0,1}</code>				
Children	<code>mlhim2:ExceptionalValue</code> , <code>mlhim2:data-name</code> , <code>mlhim2:normal-range</code> , <code>mlhim2:normal-status</code> , <code>mlhim2:other-reference-ranges</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code>				
Instance	<pre><mlhim2:DvOrdered xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin></pre>				

	<pre><mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:normal-range>{0,1}</mlhim2:normal-range> <mlhim2:other-reference-ranges>{0,unbounded}</mlhim2:other-reference-ranges> <mlhim2:normal-status>{0,1}</mlhim2:normal-status> </mlhim2:DvOrdered></pre>
Source	<pre><xss:element abstract="true" name="DvOrdered" substitutionGroup="mlhim2:DvAny" type="mlhim2:DvOrderedType"/></pre>

Element mlhim2:DvOrdinalType / mlhim2:DvOrdinal-dv

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	<p>Value in ordered enumeration of values. The base integer is zero with any number of integer values used to order the symbols. Example 1: 0 = Trace, 1 = +, 2 = ++, 3 = +++, etc. Example 2: 0 = Mild, 1 = Moderate, 2 = Severe</p>						
Diagram	<p>Detailed description: This section contains a UML class diagram fragment. A class named 'DvOrdinal-dv' has a directed association line pointing to a box labeled 'xs:decimal'. Below this, a callout box contains the text: 'Value in ordered enumeration of values. The base integer is zero with any number of integer values used to order the...'.</p>						
Type	xs:decimal						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><xss:element maxOccurs="1" minOccurs="1" name="DvOrdinal-dv" type="xs:decimal"> <xss:annotation> <xss:documentation>Value in ordered enumeration of values. The base integer is zero with any number of integer values used to order the symbols. Example 1: 0 = Trace, 1 = +, 2 = ++, 3 = +++, etc. Example 2: 0 = Mild, 1 = Moderate, 2 = Severe</xss:documentation> </xss:annotation> </xss:element></pre>						

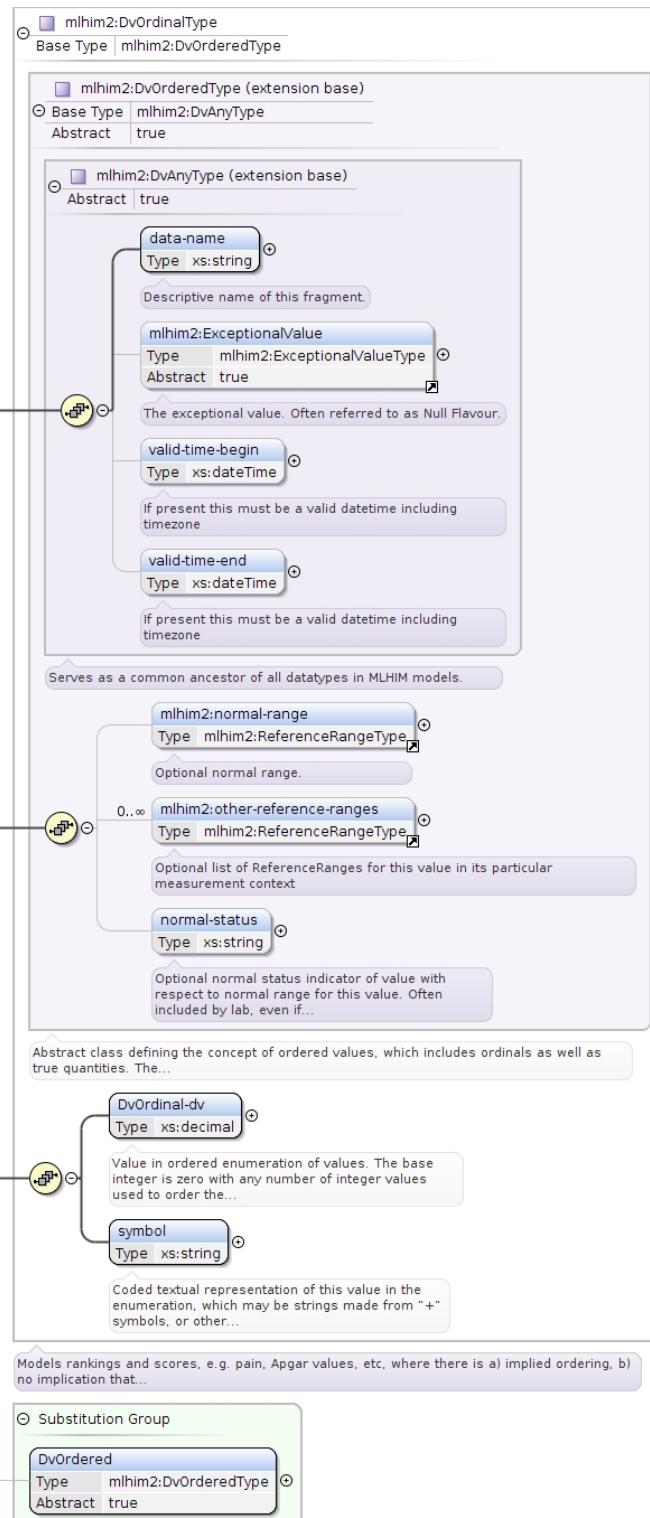
Element mlhim2:DvOrdinalType / mlhim2:symbol

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	<p>Coded textual representation of this value in the enumeration, which may be strings made from "+" symbols, or other enumerations of terms such as "mild", "moderate", "severe", or even the same number series as the values, e.g. "1", "2", "3".</p>						
Diagram	<p>Detailed description: This section contains a UML class diagram fragment. A class named 'symbol' has a directed association line pointing to a box labeled 'xs:string'. Below this, a callout box contains the text: 'Coded textual representation of this value in the enumeration, which may be strings made from "+" symbols, or other...'</p>						
Type	xs:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><xss:element maxOccurs="1" minOccurs="1" name="symbol" type="xs:string"> <xss:annotation> <xss:documentation>Coded textual representation of this value in the enumeration, which may be strings made from "+" symbols, or other enumerations of terms such as "mild", "moderate", "severe", or even the same number series as the values, e.g. "1", "2", "3".</xss:documentation> </xss:annotation> </xss:element></pre>						

Element mlhim2:DvOrdinal

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:DvOrdinalType</code>
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Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> • <code>mlhim2:DvOrderedType</code> • <code>mlhim2:DvOrdinalType</code>
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Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>abstract:</td><td>true</td></tr> </table>	content:	complex	abstract:	true
content:	complex				
abstract:	true				

Substitution Group Affiliation	<ul style="list-style-type: none"> mlhim2:DvOrdered
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:normal-range{0,1} , mlhim2:other-reference-ranges* , mlhim2:normal-status{0,1} , mlhim2:DvOrdinal-dv , mlhim2:symbol
Children	mlhim2:DvOrdinal-dv, mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:normal-range, mlhim2:normal-status, mlhim2:other-reference-ranges, mlhim2:symbol, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<pre><mlhim2:DvOrdinal xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:normal-range>{0,1}</mlhim2:normal-range> <mlhim2:other-reference-ranges>{0,unbounded}</mlhim2:other-reference-ranges> <mlhim2:normal-status>{0,1}</mlhim2:normal-status> <mlhim2:DvOrdinal-dvs>{1,1}</mlhim2:DvOrdinal-dv> <mlhim2:symbol>{1,1}</mlhim2:symbol> </mlhim2:DvOrdinal></pre>
Source	<pre><xss:element abstract="true" name="DvOrdinal" substitutionGroup="mlhim2:DvAny mlhim2:DvOrdered" type="mlhim2:DvOrdinalType"/></pre>

Element mlhim2:DvQuantifiedType / mlhim2:magnitude

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	Numeric value of the quantity in canonical (i.e. single value) form.						
Diagram	<p>A UML class diagram element. It consists of a rounded rectangle labeled "magnitude" with a small "Type" label above it. To its right is a small circle with a line connecting it to another rounded rectangle labeled "xs:decimal". Below this diagram is a callout box containing the text "Numeric value of the quantity in canonical (i.e. single value) form.".</p>						
Type	xs:decimal						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><xss:element maxOccurs="1" minOccurs="1" name="magnitude" type="xs:decimal"> <xss:annotation> <xss:documentation>Numeric value of the quantity in canonical (i.e. single value) form.</xss:documentation> </xss:annotation> </xss:element></pre>						

Element mlhim2:DvQuantifiedType / mlhim2:min-magnitude

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	The optional minimum value allowed for magnitude.						
Diagram	<p>A UML class diagram element. It consists of a rounded rectangle labeled "min-magnitude" with a small "Type" label above it. To its right is a small circle with a line connecting it to another rounded rectangle labeled "xs:decimal". Below this diagram is a callout box containing the text "The optional minimum value allowed for magnitude.".</p>						
Type	xs:decimal						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xss:element maxOccurs="1" minOccurs="0" name="min-magnitude" type="xs:decimal"> <xss:annotation> <xss:documentation>The optional minimum value allowed for magnitude.</xss:documentation> </xss:annotation> </xss:element></pre>						

Element mlhim2:DvQuantifiedType / mlhim2:max-magnitude

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Annotations	The optional maximum value allowed for magnitude.
Diagram	
Type	xs:decimal
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<pre><xs:element maxOccurs="1" minOccurs="0" name="max-magnitude" type="xs:decimal"> <xs:annotation> <xs:documentation>The optional maximum value allowed for magnitude.</xs:documentation> </xs:annotation> </xs:element></pre>

Element mlhim2:DvQuantifiedType / mlhim2:magnitude-status

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	
Diagram	
Type	restriction of xs:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	enumeration = enumeration < enumeration > enumeration <= enumeration >= enumeration ~
Source	<pre><xs:element maxOccurs="1" minOccurs="0" name="magnitude-status"> <xs:annotation> <xs:documentation> <!-- Optional status of magnitude with values: = < : > : <= : >= : ~ : -- <-- If not present, meaning is "=".--> </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="=" /> <xs:enumeration value="<" /> <xs:enumeration value=">" /> <xs:enumeration value="<=" /> <xs:enumeration value=">=" /> <xs:enumeration value="~" /> </xs:restriction> </xs:simpleType> </xs:element></pre>

Element mlhim2:DvQuantifiedType / mlhim2:error

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Annotations	Error margin of measurement, indicating error in the recording method or instrument (+/- %). Implemented in subtypes. A logical value of 0 (default) indicates 100% accuracy, i.e. no error.								
Diagram	<p>error</p> <p>Type xs:int</p> <p>Default 0</p> <p>Error margin of measurement, indicating error in the recording method or instrument (+/- %). Implemented in subtypes. A...</p> <p>Built-in derived type. The int datatype is derived from long by setting the value of maxInclusive to be 2147483647 and...</p>								
Type	xs:int								
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>default:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	default:	0
content:	simple								
minOccurs:	1								
maxOccurs:	1								
default:	0								
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="error" default="0" type="xs:int"> <xs:annotation> <xs:documentation>Error margin of measurement, indicating error in the recording method or instrument (+/- %). Implemented in subtypes. A logical value of 0 (default) indicates 100% accuracy, i.e. no error.</xs:documentation> </xs:annotation> </xs:element></pre>								

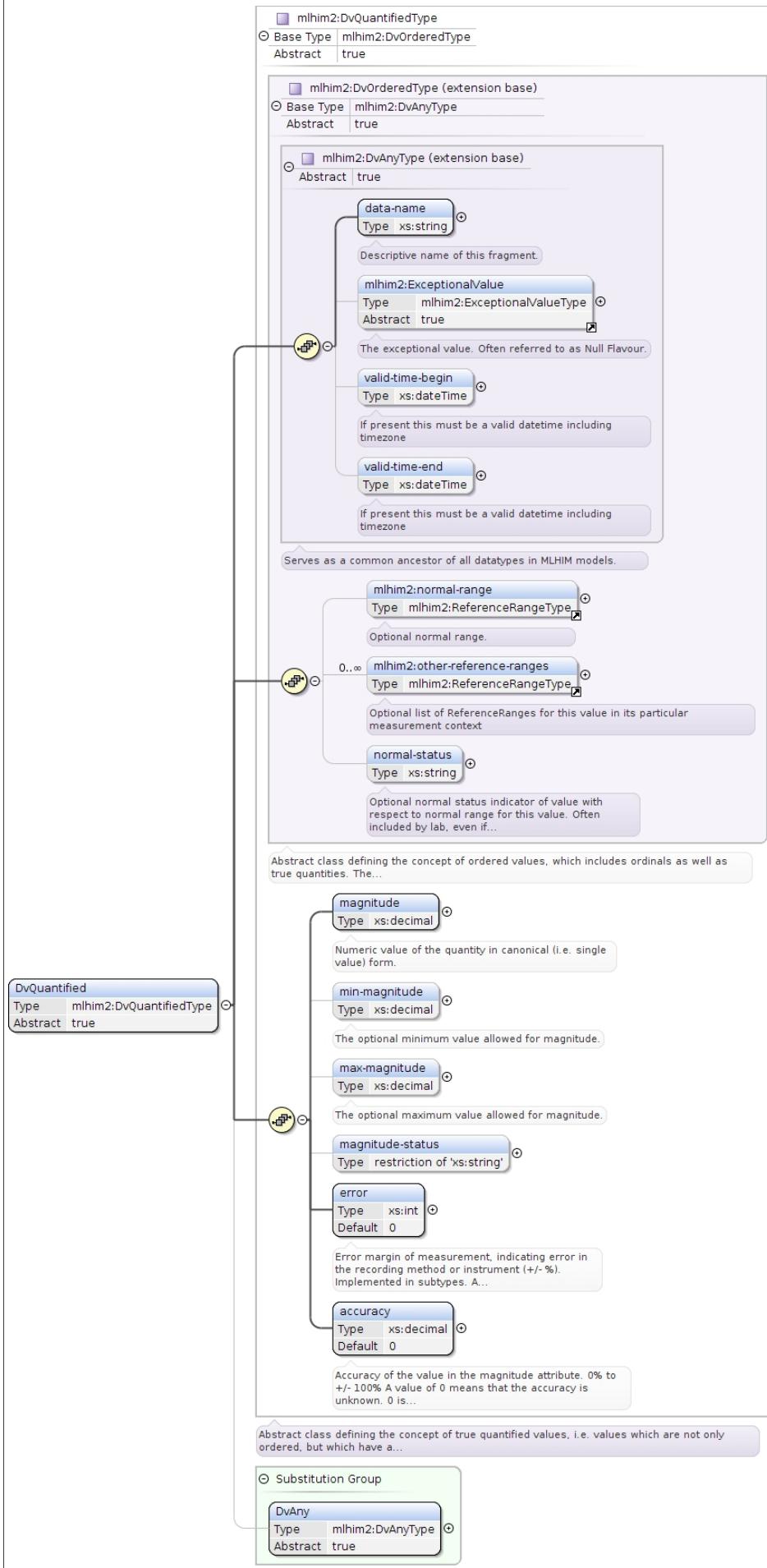
Element mlhim2:DvQuantifiedType / mlhim2:accuracy

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Annotations	Accuracy of the value in the magnitude attribute. 0% to +/- 100% A value of 0 means that the accuracy is unknown. 0 is the default value.								
Diagram	<p>accuracy</p> <p>Type xs:decimal</p> <p>Default 0</p> <p>Accuracy of the value in the magnitude attribute. 0% to +/- 100% A value of 0 means that the accuracy is unknown. 0 is...</p> <p>Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers.</p>								
Type	xs:decimal								
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>default:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	default:	0
content:	simple								
minOccurs:	1								
maxOccurs:	1								
default:	0								
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="accuracy" default="0" type="xs:decimal"> <xs:annotation> <xs:documentation>Accuracy of the value in the magnitude attribute. 0% to +/- 100% A value of 0 means that the accuracy is unknown. 0 is the default value.</xs:documentation> </xs:annotation> </xs:element></pre>								

Element mlhim2:DvQuantified

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	mlhim2:DvQuantifiedType				
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:DvOrderedType • mlhim2:DvQuantifiedType 				
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>abstract:</td> <td>true</td> </tr> </table>	content:	complex	abstract:	true
content:	complex				
abstract:	true				
Substitution Group Affiliation	• mlhim2:DvAny				
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:normal-range{0,1} , mlhim2:other-reference-ranges* , mlhim2:normal-status{0,1} , mlhim2:magnitude , mlhim2:min-magnitude{0,1} , mlhim2:max-magnitude{0,1} , mlhim2:magnitude-status{0,1} , mlhim2:error , mlhim2:accuracy				
Children	mlhim2:ExceptionalValue, mlhim2:accuracy, mlhim2:data-name, mlhim2:error, mlhim2:magnitude, mlhim2:magnitude-status, mlhim2:max-magnitude, mlhim2:min-magnitude, mlhim2:normal-range, mlhim2:normal-status, mlhim2:other-reference-ranges, mlhim2:valid-time-begin, mlhim2:valid-time-end				
Instance	<pre><mlhim2:DvQuantified xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:normal-range>{0,1}</mlhim2:normal-range> <mlhim2:other-reference-ranges>{0,unbounded}</mlhim2:other-reference-ranges> <mlhim2:normal-status>{0,1}</mlhim2:normal-status> <mlhim2:magnitude>{1,1}</mlhim2:magnitude> <mlhim2:min-magnitude>{0,1}</mlhim2:min-magnitude> <mlhim2:max-magnitude>{0,1}</mlhim2:max-magnitude> <mlhim2:magnitude-status>{0,1}</mlhim2:magnitude-status> <mlhim2:error>{1,1}</mlhim2:error> <mlhim2:accuracy>{1,1}</mlhim2:accuracy> </mlhim2:DvQuantified></pre>				
Source	<pre><xs:element abstract="true" name="DvQuantified" substitutionGroup="mlhim2:DvOrdered mlhim2:DvAny" type="mlhim2:DvQuantifiedType"/></pre>				

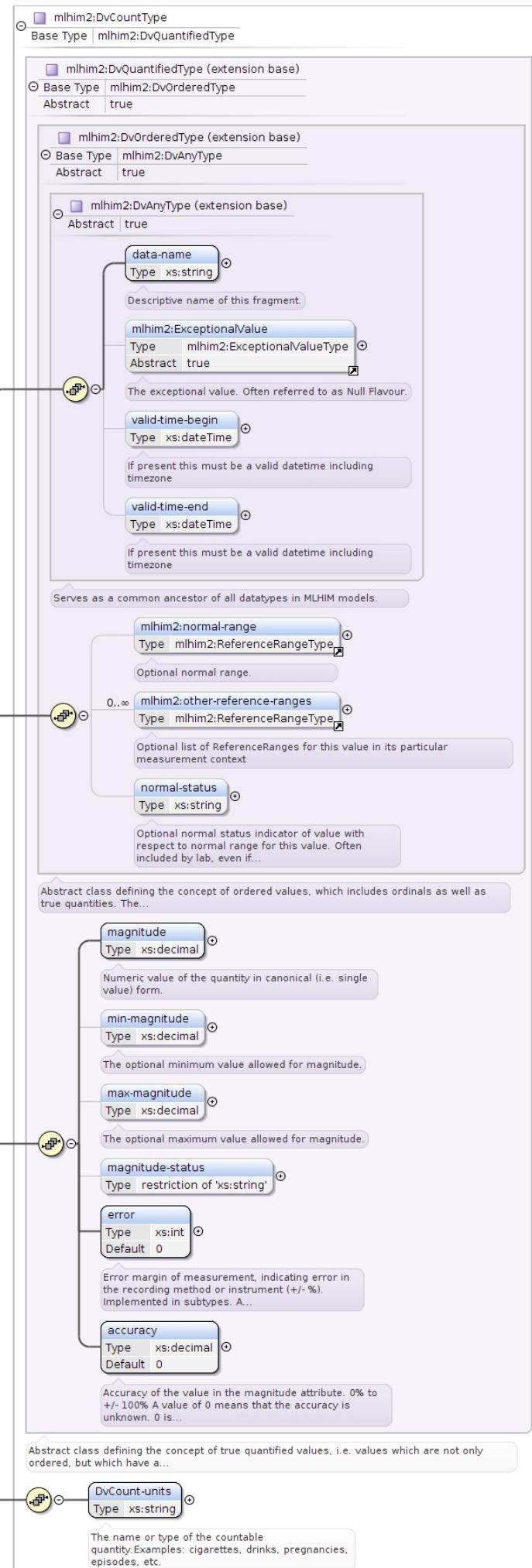
Element mlhim2:DvCountType / mlhim2:DvCount-units

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	The name or type of the countable quantity.Examples: cigarettes, drinks, pregnancies, episodes, etc.						
Diagram	<p>Detailed description: A UML class diagram fragment. On the left, a rounded rectangle labeled 'DvCount-units' contains the text 'Type xs:string'. An association line connects it to another rounded rectangle labeled 'xs:string' on the right. A callout bubble points from the 'xs:string' box to the text 'Built-in primitive type. The string datatype represents character strings in XML.'</p>						
Type	xs:string						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="DvCount-units" type="xs:string"> <xs:annotation> <xs:documentation>The name or type of the countable quantity.Examples: cigarettes, drinks, pregnancies, episodes, etc.</xs:documentation> </xs:annotation> </xs:element></pre>						

Element mlhim2:DvCount

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

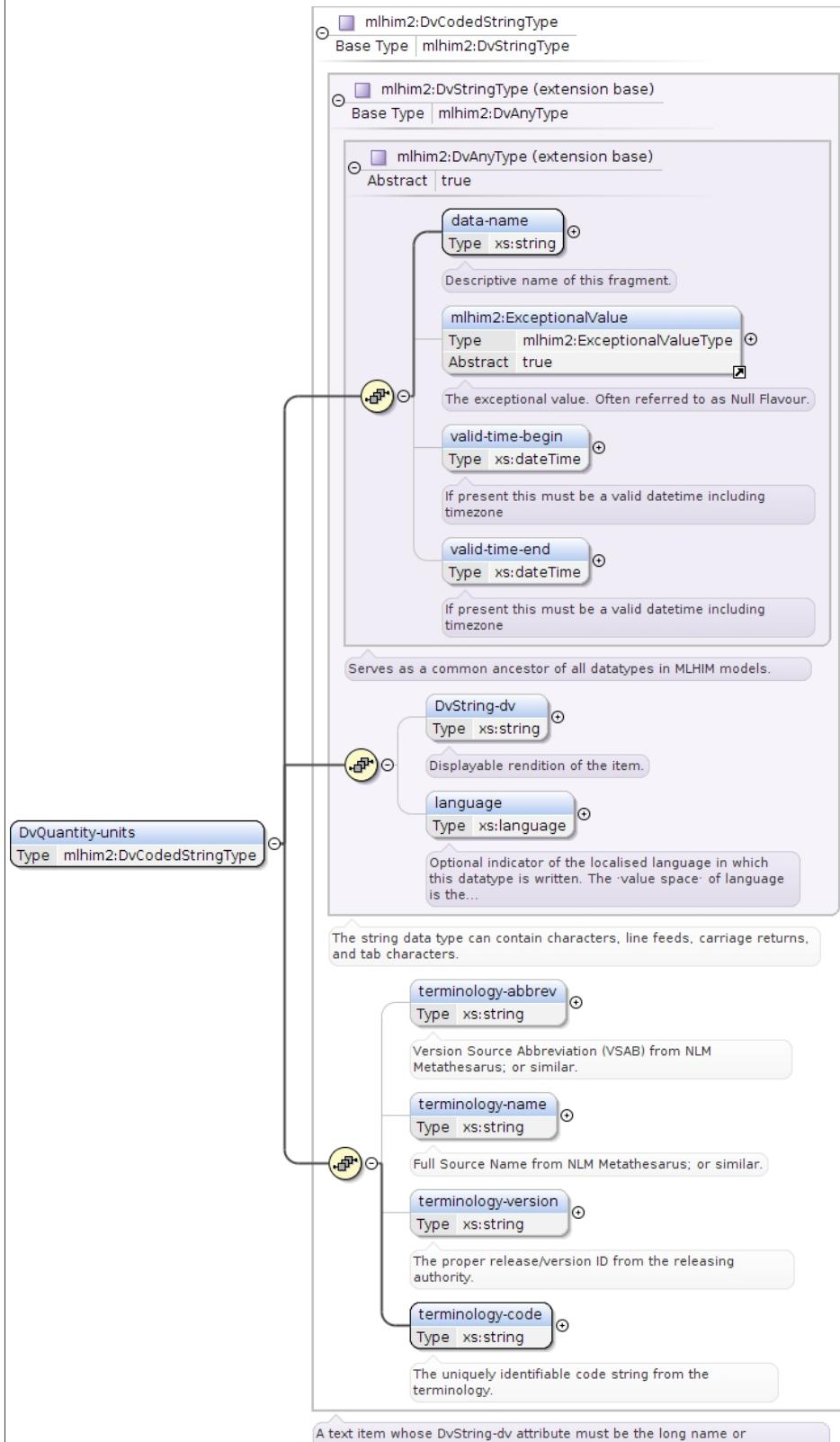


Type	mlhim2:DvCountType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType <ul style="list-style-type: none"> • mlhim2:DvOrderedType <ul style="list-style-type: none"> • mlhim2:DvQuantifiedType • mlhim2:DvCountType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:DvAny
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:normal-range{0,1} , mlhim2:other-reference-ranges* , mlhim2:normal-status{0,1} , mlhim2:magnitude , mlhim2:min-magnitude{0,1} , mlhim2:max-magnitude{0,1} , mlhim2:magnitude-status{0,1} , mlhim2:error , mlhim2:accuracy , mlhim2:DvCount-units
Children	mlhim2:DvCount-units, mlhim2:ExceptionalValue, mlhim2:accuracy, mlhim2:data-name, mlhim2:error, mlhim2:magnitude, mlhim2:magnitude-status, mlhim2:max-magnitude, mlhim2:min-magnitude, mlhim2:normal-range, mlhim2:normal-status, mlhim2:other-reference-ranges, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<pre><mlhim2:DvCount xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:normal-range>{0,1}</mlhim2:normal-range> <mlhim2:other-reference-ranges>{0,unbounded}</mlhim2:other-reference-ranges> <mlhim2:normal-status>{0,1}</mlhim2:normal-status> <mlhim2:magnitude>{1,1}</mlhim2:magnitude> <mlhim2:min-magnitude>{0,1}</mlhim2:min-magnitude> <mlhim2:max-magnitude>{0,1}</mlhim2:max-magnitude> <mlhim2:magnitude-status>{0,1}</mlhim2:magnitude-status> <mlhim2:error>{1,1}</mlhim2:error> <mlhim2:accuracy>{1,1}</mlhim2:accuracy> <mlhim2:DvCount-units>{1,1}</mlhim2:DvCount-units> </mlhim2:DvCount></pre>
Source	<pre><xss:element name="DvCount" substitutionGroup="mlhim2:DvQuantified mlhim2:DvAny" type="mlhim2:DvCountType" /></pre>

Element mlhim2:DvQuantity-units

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



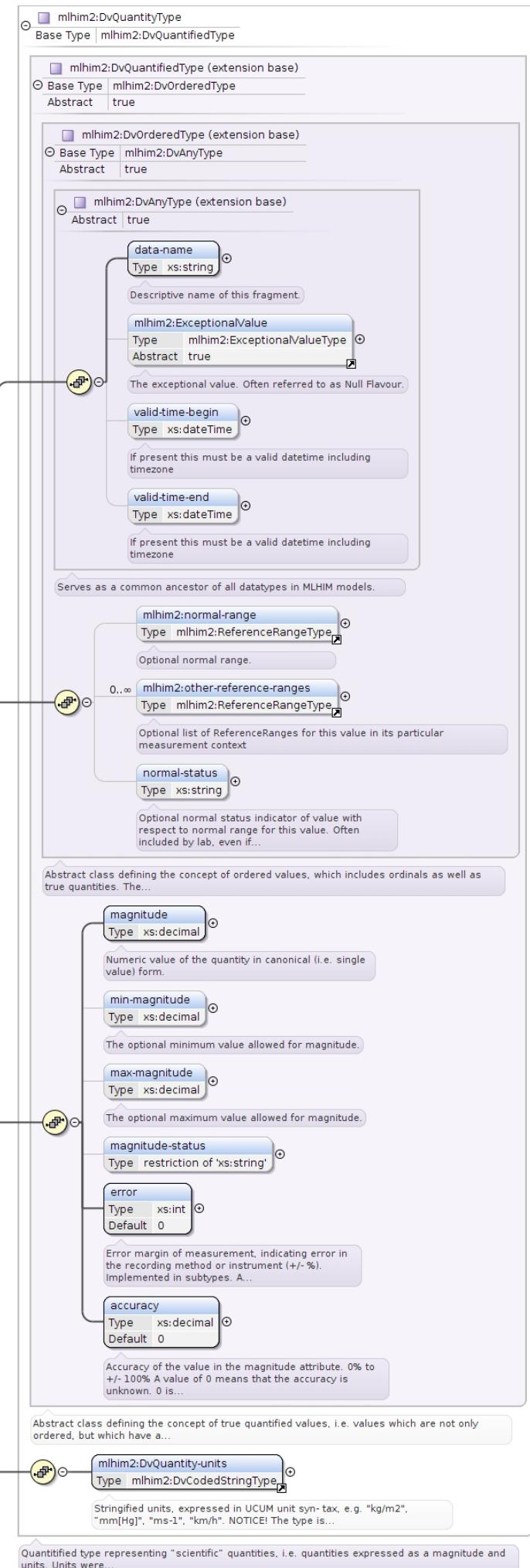
Type	<code>mlhim2:DvCodedStringType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> <ul style="list-style-type: none"> • <code>mlhim2:DvStringType</code> • <code>mlhim2:DvCodedStringType</code>
Properties	content: complex

Used by	Complex Type mlhim2:DvQuantityType
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:DvString-dv{0,1} , mlhim2:language{0,1} , mlhim2:terminology-abbrev{0,1} , mlhim2:terminology-name{0,1} , mlhim2:terminology-version{0,1} , mlhim2:terminology-code
Children	mlhim2:DvString-dv, mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:language, mlhim2:terminology-abbrev, mlhim2:terminology-code, mlhim2:terminology-name, mlhim2:terminology-version, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<pre><mlhim2:DvQuantity-units xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:DvString-dv>{0,1}</mlhim2:DvString-dv> <mlhim2:language>{0,1}</mlhim2:language> <mlhim2:terminology-abbrev>{0,1}</mlhim2:terminology-abbrev> <mlhim2:terminology-name>{0,1}</mlhim2:terminology-name> <mlhim2:terminology-version>{0,1}</mlhim2:terminology-version> <mlhim2:terminology-code>{1,1}</mlhim2:terminology-code> </mlhim2:DvQuantity-units></pre>
Source	<pre><xss:element name="DvQuantity-units" type="mlhim2:DvCodedStringType" /></pre>

Element mlhim2:DvQuantity

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	mlhim2:DvQuantityType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:DvOrderedType • mlhim2:DvQuantifiedType • mlhim2:DvQuantityType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:DvAny
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:normal-range{0,1} , mlhim2:other-reference-ranges* , mlhim2:normal-status{0,1} , mlhim2:magnitude , mlhim2:min-magnitude{0,1} , mlhim2:max-magnitude{0,1} , mlhim2:magnitude-status{0,1} , mlhim2:error , mlhim2:accuracy , mlhim2:DvQuantity-units
Children	mlhim2:DvQuantity-units , mlhim2:ExceptionalValue , mlhim2:accuracy , mlhim2:data-name , mlhim2:error , mlhim2:magnitude , mlhim2:magnitude-status , mlhim2:max-magnitude , mlhim2:min-magnitude , mlhim2:normal-range , mlhim2:normal-status , mlhim2:other-reference-ranges , mlhim2:valid-time-begin , mlhim2:valid-time-end
Instance	<pre><mlhim2:DvQuantity xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:normal-range>{0,1}</mlhim2:normal-range> <mlhim2:other-reference-ranges>{0,unbounded}</mlhim2:other-reference-ranges> <mlhim2:normal-status>{0,1}</mlhim2:normal-status> <mlhim2:magnitude>{1,1}</mlhim2:magnitude> <mlhim2:min-magnitude>{0,1}</mlhim2:min-magnitude> <mlhim2:max-magnitude>{0,1}</mlhim2:max-magnitude> <mlhim2:magnitude-status>{0,1}</mlhim2:magnitude-status> <mlhim2:error>{1,1}</mlhim2:error> <mlhim2:accuracy>{1,1}</mlhim2:accuracy> <mlhim2:DvQuantity-units>{1,1}</mlhim2:DvQuantity-units> </mlhim2:DvQuantity></pre>
Source	<pre><xss:element name="DvQuantity" substitutionGroup="mlhim2:DvQuantified mlhim2:DvOrdered mlhim2:DvAny" type="mlhim2:DvQuantityType"/></pre>

Element mlhim2:DvRatioType / mlhim2:ratio-type

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	<p>Indicates semantic type of ratio must be set as fixed to one of the below strings in CCDs.</p> <p>ratio = a relationship between two numbers.</p> <p>proportion = a relationship between two numbers where there is a bi-univocal relationship between the numerator and the denominator (the numerator is contained in the denominator)</p> <p>rate = a relationship between two numbers where there is not a bi-univocal relationship between the numerator and the denominator (the numerator is not contained in the denominator)</p>
Diagram	<p>ratio-type Type xs:string</p> <p>Indicates semantic type of ratio must be set as fixed to one of the below strings in CCDs. ratio = a relationship...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<pre><xss:element maxOccurs="1" minOccurs="1" name="ratio-type" type="xs:string"> <xss:annotation> <xss:documentation>Indicates semantic type of ratio must be set as fixed to one of the below strings in CCDs. ratio = a relationship between two numbers. proportion = a relationship between two numbers where there is a bi-univocal relationship between the numerator and the denominator (the numerator is contained in the denominator) rate = a relationship between two numbers where there is not a bi-univocal relationship between the numerator and the denominator (the numerator is not contained in the denominator)</xss:documentation></pre>

```

</xs:annotation>
</xs:element>

```

Element mlhim2:DvRatioType / mlhim2:numerator

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	numerator of ratio						
Diagram	<p>The diagram shows a UML class named 'numerator' with a note below it: 'Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers.'</p>						
Type	xs:decimal						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre> <xs:element maxOccurs="1" minOccurs="1" name="numerator" type="xs:decimal"> <xs:annotation> <xs:documentation>numerator of ratio</xs:documentation> </xs:annotation> </xs:element> </pre>						

Element mlhim2:DvRatioType / mlhim2:denominator

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	denominator of ratio						
Diagram	<p>The diagram shows a UML class named 'denominator' with a note below it: 'Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers.'</p>						
Type	xs:decimal						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre> <xs:element maxOccurs="1" minOccurs="1" name="denominator" type="xs:decimal"> <xs:annotation> <xs:documentation>denominator of ratio</xs:documentation> </xs:annotation> </xs:element> </pre>						

Element mlhim2:DvRatioType / mlhim2:numerator-units

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	Used to convey the meaning of the numerator. Typically countable units such as; cigarettes, drinks, exercise periods, etc. May or may not come from a terminology such as UCUM.						
Diagram	<p>The diagram shows a UML class named 'numerator-units' with a note below it: 'Used to convey the meaning of the numerator. Typically countable units such as; cigarettes, drinks, exercise periods,...'</p>						
Type	xs:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre> <xs:element maxOccurs="1" minOccurs="1" name="numerator-units" type="xs:string"> <xs:annotation> </pre>						

```

<xs:documentation>Used to convey the meaning of the numerator. Typically countable units such
as; cigarettes, drinks, exercise periods, etc. May or may not come from a terminology such as
UCUM.</xs:documentation>
</xs:annotation>
</xs:element>

```

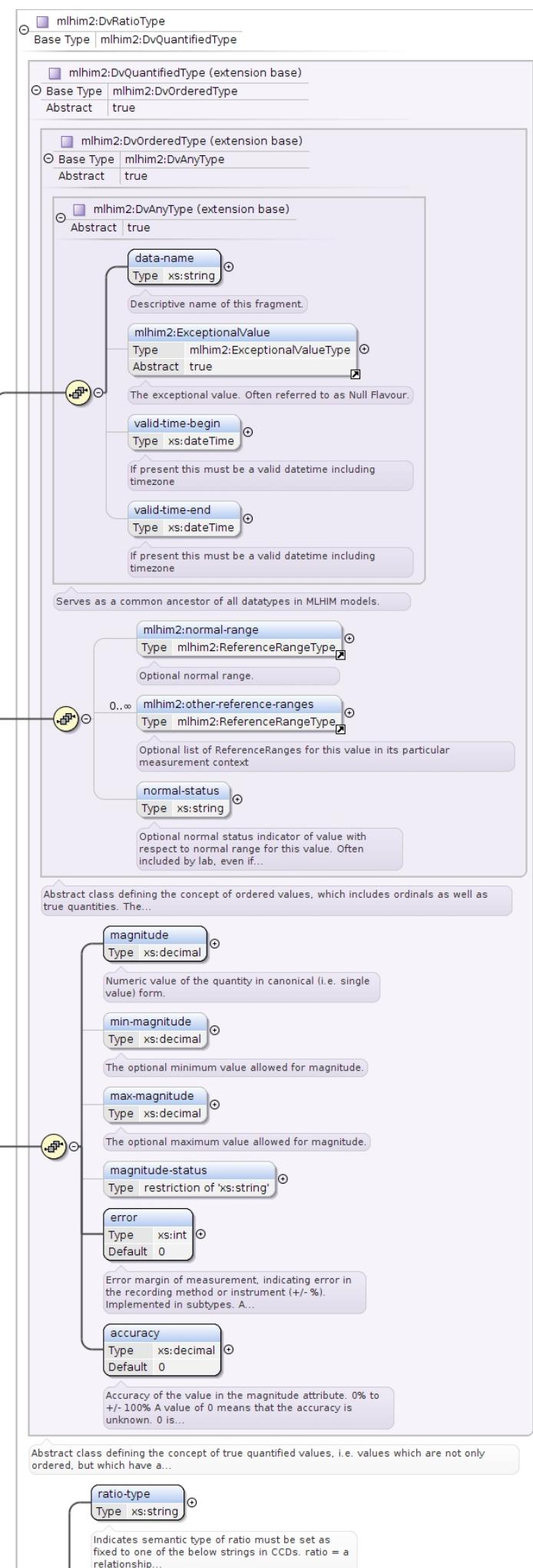
Element mlhim2:DvRatioType / mlhim2:denominator-units

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	Used to convey the meaning of the denominator. Typically units such as; days, years, months, etc. May or may not come from a standard terminology.						
Diagram	<p>Used to convey the meaning of the denominator. Typically units such as; days, years, months, etc. May or may not come...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>						
Type	xs:string						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre> <xs:element maxOccurs="1" minOccurs="1" name="denominator-units" type="xs:string"> <xs:annotation> <xs:documentation>Used to convey the meaning of the denominator. Typically units such as; days, years, months, etc. May or may not come from a standard terminology.</xs:documentation> </xs:annotation> </xs:element> </pre>						

Element mlhim2:DvRatio

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

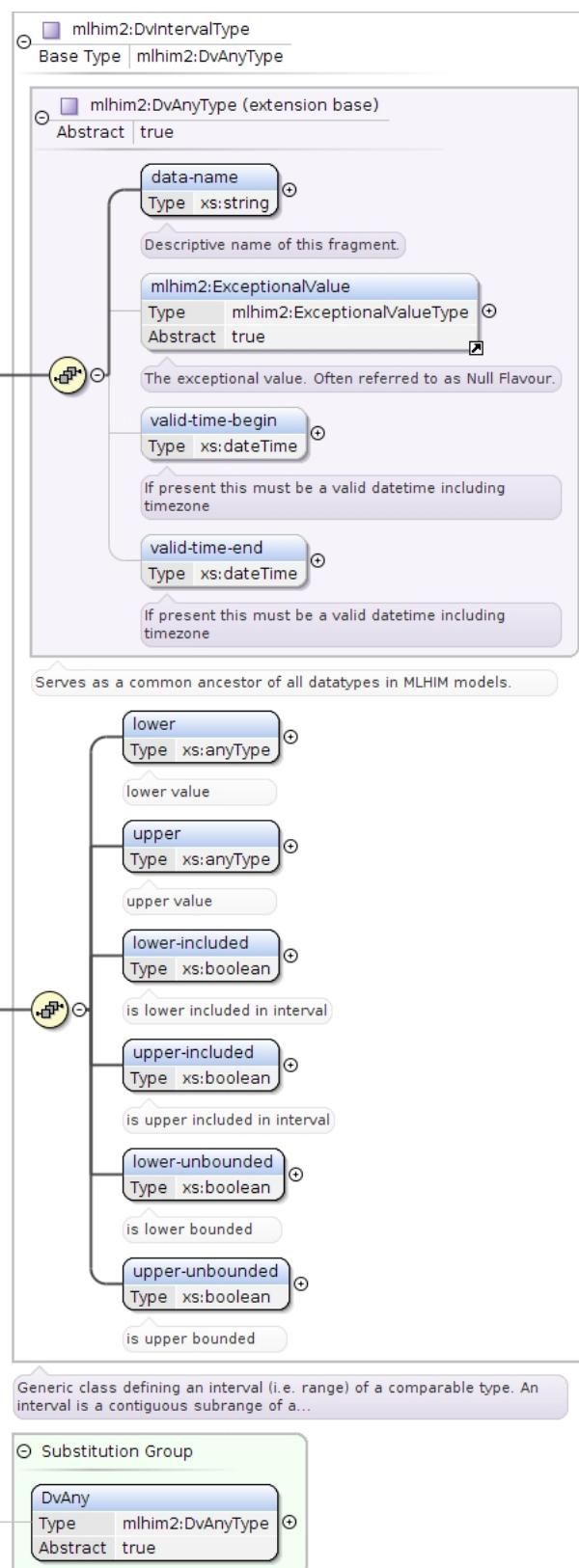


Type	mlhim2:DvRatioType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:DvOrderedType • mlhim2:DvQuantifiedType • mlhim2:DvRatioType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:DvAny
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:normal-range{0,1} , mlhim2:other-reference-ranges* , mlhim2:normal-status{0,1} , mlhim2:magnitude , mlhim2:min-magnitude{0,1} , mlhim2:max-magnitude{0,1} , mlhim2:magnitude-status{0,1} , mlhim2:error , mlhim2:accuracy , mlhim2:ratio-type , mlhim2:denominator , mlhim2:denominator-units , mlhim2:denominator-units
Children	mlhim2:ExceptionalValue, mlhim2:accuracy, mlhim2:data-name, mlhim2:denominator, mlhim2:denominator-units, mlhim2:error, mlhim2:magnitude, mlhim2:magnitude-status, mlhim2:max-magnitude, mlhim2:min-magnitude, mlhim2:normal-range, mlhim2:normal-status, mlhim2:denominator , mlhim2:denominator-units , mlhim2:other-reference-ranges , mlhim2:ratio-type , mlhim2:valid-time-begin , mlhim2:valid-time-end
Instance	<pre><mlhim2:DvRatio xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:normal-range>{0,1}</mlhim2:normal-range> <mlhim2:other-reference-ranges>{0,unbounded}</mlhim2:other-reference-ranges> <mlhim2:normal-status>{0,1}</mlhim2:normal-status> <mlhim2:magnitude>{1,1}</mlhim2:magnitude> <mlhim2:min-magnitude>{0,1}</mlhim2:min-magnitude> <mlhim2:max-magnitude>{0,1}</mlhim2:max-magnitude> <mlhim2:magnitude-status>{0,1}</mlhim2:magnitude-status> <mlhim2:error>{1,1}</mlhim2:error> <mlhim2:accuracy>{1,1}</mlhim2:accuracy> <mlhim2:ratio-type>{1,1}</mlhim2:ratio-type> <mlhim2:denominator>{1,1}</mlhim2:denominator> <mlhim2:denominator-units>{1,1}</mlhim2:denominator-units> <mlhim2:denominator-units>{1,1}</mlhim2:denominator-units> </mlhim2:DvRatio></pre>
Source	<pre><xs:element name="DvRatio" substitutionGroup="mlhim2:DvQuantified mlhim2:DvOrdered mlhim2:DvAny" type="mlhim2:DvRatioType"/></pre>

Element mlhim2:DvInterval

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:DvIntervalType</code>
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Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> <ul style="list-style-type: none"> • <code>mlhim2:DvIntervalType</code>
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Properties	content: complex
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Substitution Group Affiliation	• mlhim2:DvAny
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:lower , mlhim2:upper , mlhim2:lower-included , mlhim2:upper-included , mlhim2:lower-unbounded , mlhim2:upper-unbounded
Children	mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:lower, mlhim2:lower-included, mlhim2:lower-unbounded, mlhim2:upper, mlhim2:upper-included, mlhim2:upper-unbounded, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<mlhim2:DvInterval xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:lower>{1,1}</mlhim2:lower> <mlhim2:upper>{1,1}</mlhim2:upper> <mlhim2:lower-included>{1,1}</mlhim2:lower-included> <mlhim2:upper-included>{1,1}</mlhim2:upper-included> <mlhim2:lower-unbounded>{1,1}</mlhim2:lower-unbounded> <mlhim2:upper-unbounded>{1,1}</mlhim2:upper-unbounded> </mlhim2:DvInterval>
Source	<xs:element name="DvInterval" substitutionGroup="mlhim2:DvAny" type="mlhim2:DvIntervalType"/>

Element mlhim2:ReferenceRange

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<pre> classDiagram class mlhim2:ReferenceRangeType { <<Abstract true>> ReferenceRange-definition : xs:string mlhim2:data-range : mlhim2:DvIntervalType } class mlhim2:DvAnyType { <<Abstract true>> data-name : xs:string mlhim2:ExceptionalValue : mlhim2:ExceptionValueType valid-time-begin : xs:dateTime valid-time-end : xs:dateTime } mlhim2:ReferenceRangeType < -- mlhim2:DvAnyType mlhim2:DvAnyType < -- mlhim2:ReferenceRangeType mlhim2:DvAnyType < -- Substitution Group mlhim2:DvAnyType < -- DvAny </pre>
Type	mlhim2:ReferenceRangeType
Type hierarchy	• mlhim2:DvAnyType

	<ul style="list-style-type: none"> • mlhim2:ReferenceRangeType
Properties	content: complex
Substitution Group Affiliation	<ul style="list-style-type: none"> • mlhim2:DvAny
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:ReferenceRange-definition , mlhim2:data-range
Children	mlhim2:ExceptionalValue, mlhim2:ReferenceRange-definition, mlhim2:data-name, mlhim2:data-range, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<pre><mlhim2:ReferenceRange xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:ReferenceRange-definition>{1,1}</mlhim2:ReferenceRange-definition> <mlhim2:data-range>{1,1}</mlhim2:data-range> </mlhim2:ReferenceRange></pre>
Source	<pre><xss:element name="ReferenceRange" substitutionGroup="mlhim2:DvAny" type="mlhim2:ReferenceRangeType" /></pre>

Element mlhim2:DvTemporalType / mlhim2:dvtemporal-date

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Diagram	<p>Detailed description: This row contains a UML class diagram. A box labeled "dvtemporal-date" has a dependency arrow pointing to a box labeled "xs:date". Below "xs:date" is a callout bubble containing the text: "Built-in primitive type. The date datatype represents a calendar date."</p>						
Type	xs:date						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xss:element maxOccurs="1" minOccurs="0" name="dvtemporal-date" type="xs:date" /></pre>						

Element mlhim2:DvTemporalType / mlhim2:dvtemporal-time

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Diagram	<p>Detailed description: This row contains a UML class diagram. A box labeled "dvtemporal-time" has a dependency arrow pointing to a box labeled "xs:time". Below "xs:time" is a callout bubble containing the text: "Built-in primitive type. The time datatype represents an instant of time that recurs every day."</p>						
Type	xs:time						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xss:element maxOccurs="1" minOccurs="0" name="dvtemporal-time" type="xs:time" /></pre>						

Element mlhim2:DvTemporalType / mlhim2:dvtemporal-datetime

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Diagram	<p>Detailed description: This row contains a UML class diagram. A box labeled "dvtemporal-datetime" has a dependency arrow pointing to a box labeled "xs:dateTime". Below "xs:dateTime" is a callout bubble containing the text: "Built-in primitive type. The dateTime datatype represents a specific instant of time."</p>						
Type	xs:dateTime						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xss:element maxOccurs="1" minOccurs="0" name="dvtemporal-datetime" type="xs:dateTime" /></pre>						

Source	<code><xss:element maxOccurs="1" minOccurs="0" name="dvtemporal-datetime" type="xs:dateTime" /></code>
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Element mlhim2:DvTemporalType / mlhim2:dvtemporal-day

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Diagram	<p>Detailed description: A diagram showing the 'dvtemporal-day' element (in a light blue rounded rectangle) with a pointer to the 'xs:gDay' type (in a light purple rounded rectangle). A callout box below 'xs:gDay' states: 'Built-in primitive type. The gDay datatype is a gregorian day that recurs, specifically a day of the month such as the...'. There is also a small icon of a person next to the 'xs:gDay' label.</p>						
Type	xs:gDay						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<code><xss:element maxOccurs="1" minOccurs="0" name="dvtemporal-day" type="xs:gDay" /></code>						

Element mlhim2:DvTemporalType / mlhim2:dvtemporal-month

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Diagram	<p>Detailed description: A diagram showing the 'dvtemporal-month' element (in a light blue rounded rectangle) with a pointer to the 'xs:gMonth' type (in a light purple rounded rectangle). A callout box below 'xs:gMonth' states: 'Built-in primitive type. The gMonth datatype is a gregorian month that recurs every year.'. There is also a small icon of a person next to the 'xs:gMonth' label.</p>						
Type	xs:gMonth						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<code><xss:element maxOccurs="1" minOccurs="0" name="dvtemporal-month" type="xs:gMonth" /></code>						

Element mlhim2:DvTemporalType / mlhim2:dvtemporal-year

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Diagram	<p>Detailed description: A diagram showing the 'dvtemporal-year' element (in a light blue rounded rectangle) with a pointer to the 'xs:gYear' type (in a light purple rounded rectangle). A callout box below 'xs:gYear' states: 'Built-in primitive type. The gYear datatype represents a gregorian calendar year.'. There is also a small icon of a person next to the 'xs:gYear' label.</p>						
Type	xs:gYear						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<code><xss:element maxOccurs="1" minOccurs="0" name="dvtemporal-year" type="xs:gYear" /></code>						

Element mlhim2:DvTemporalType / mlhim2:dvtemporal-year-month

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Diagram	<p>Detailed description: A diagram showing the 'dvtemporal-year-month' element (in a light blue rounded rectangle) with a pointer to the 'xs:gYearMonth' type (in a light purple rounded rectangle). A callout box below 'xs:gYearMonth' states: 'Built-in primitive type. The gYearMonth datatype represents a specific gregorian month in a specific gregorian year.'. There is also a small icon of a person next to the 'xs:gYearMonth' label.</p>						
Type	xs:gYearMonth						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<code><xss:element maxOccurs="1" minOccurs="0" name="dvtemporal-year-month" type="xs:gYearMonth" /></code>						

Element mlhim2:DvTemporalType / mlhim2:dvtemporal-month-day

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	
Type	xs:gMonthDay
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xs:element maxOccurs="1" minOccurs="0" name="dvtemporal-month-day" type="xs:gMonthDay"/>

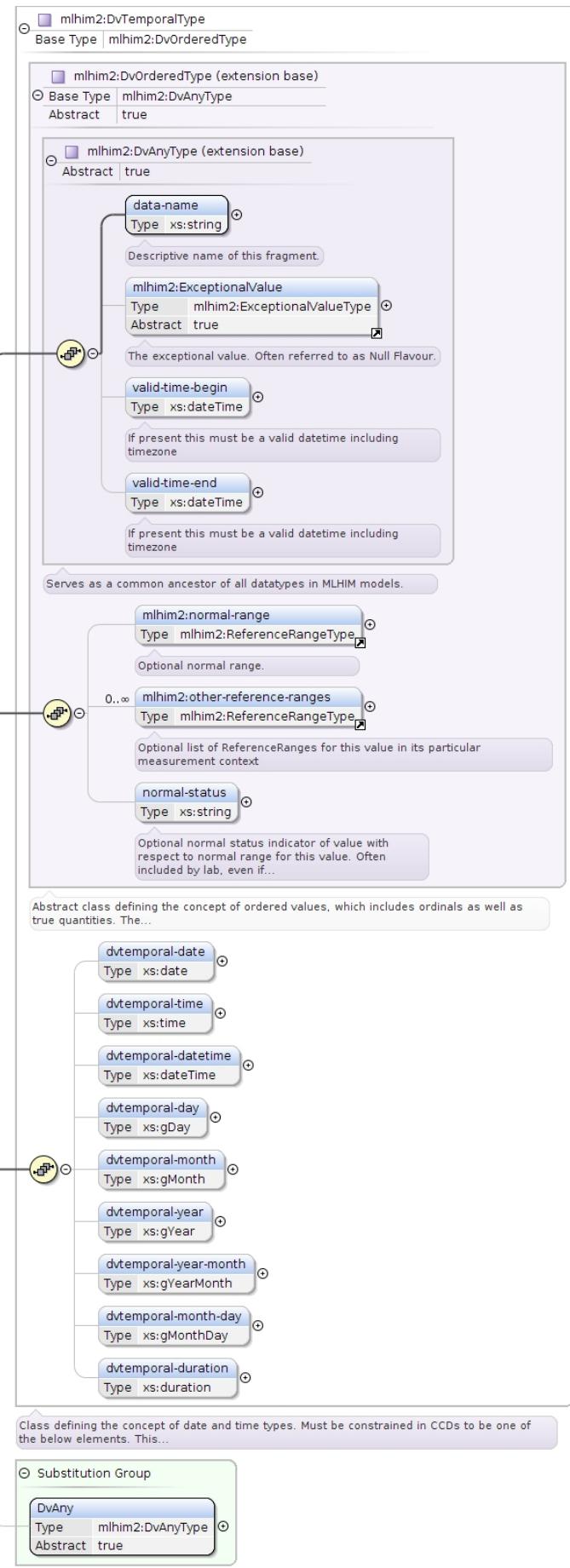
Element mlhim2:DvTemporalType / mlhim2:dvtemporal-duration

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	
Type	xs:duration
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xs:element maxOccurs="1" minOccurs="0" name="dvtemporal-duration" type="xs:duration"/>

Element mlhim2:DvTemporal

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

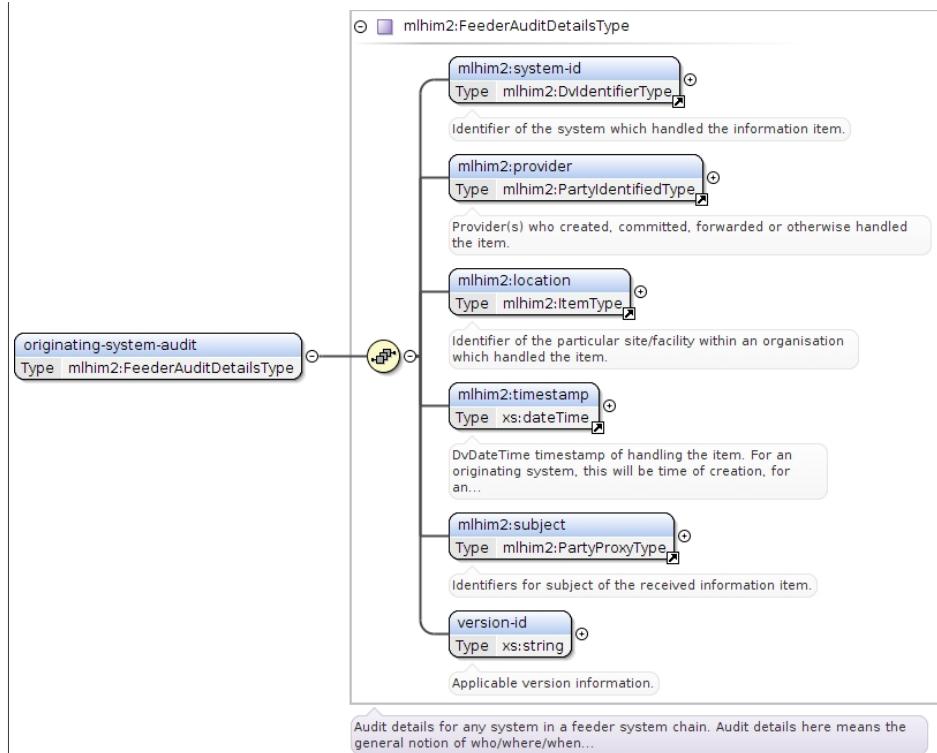


Type	mlhim2:DvTemporalType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:DvOrderedType • mlhim2:DvTemporalType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:DvAny
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:normal-range{0,1} , mlhim2:other-reference-ranges* , mlhim2:normal-status{0,1} , mlhim2:dvtemporal-date{0,1} , mlhim2:dvtemporal-time{0,1} , mlhim2:dvtemporal-datetime{0,1} , mlhim2:dvtemporal-day{0,1} , mlhim2:dvtemporal-month{0,1} , mlhim2:dvtemporal-year{0,1} , mlhim2:dvtemporal-year-month{0,1} , mlhim2:dvtemporal-month-day{0,1} , mlhim2:dvtemporal-duration{0,1}
Children	mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:dvtemporal-date, mlhim2:dvtemporal-datetime, mlhim2:dvtemporal-day, mlhim2:dvtemporal-duration, mlhim2:dvtemporal-month, mlhim2:dvtemporal-month-day, mlhim2:dvtemporal-time, mlhim2:dvtemporal-year, mlhim2:dvtemporal-year-month, mlhim2:normal-range, mlhim2:normal-status, mlhim2:other-reference-ranges, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<pre><mlhim2:DvTemporal xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:normal-range>{0,1}</mlhim2:normal-range> <mlhim2:other-reference-ranges>{0,unbounded}</mlhim2:other-reference-ranges> <mlhim2:normal-status>{0,1}</mlhim2:normal-status> <mlhim2:dvtemporal-date>{0,1}</mlhim2:dvtemporal-date> <mlhim2:dvtemporal-time>{0,1}</mlhim2:dvtemporal-time> <mlhim2:dvtemporal-datetime>{0,1}</mlhim2:dvtemporal-datetime> <mlhim2:dvtemporal-day>{0,1}</mlhim2:dvtemporal-day> <mlhim2:dvtemporal-month>{0,1}</mlhim2:dvtemporal-month> <mlhim2:dvtemporal-year>{0,1}</mlhim2:dvtemporal-year> <mlhim2:dvtemporal-year-month>{0,1}</mlhim2:dvtemporal-year-month> <mlhim2:dvtemporal-month-day>{0,1}</mlhim2:dvtemporal-month-day> <mlhim2:dvtemporal-duration>{0,1}</mlhim2:dvtemporal-duration> </mlhim2:DvTemporal></pre>
Source	<xs:element name="DvTemporal" substitutionGroup="mlhim2:DvAny" type="mlhim2:DvTemporalType" />

Element mlhim2:originating-system-audit

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

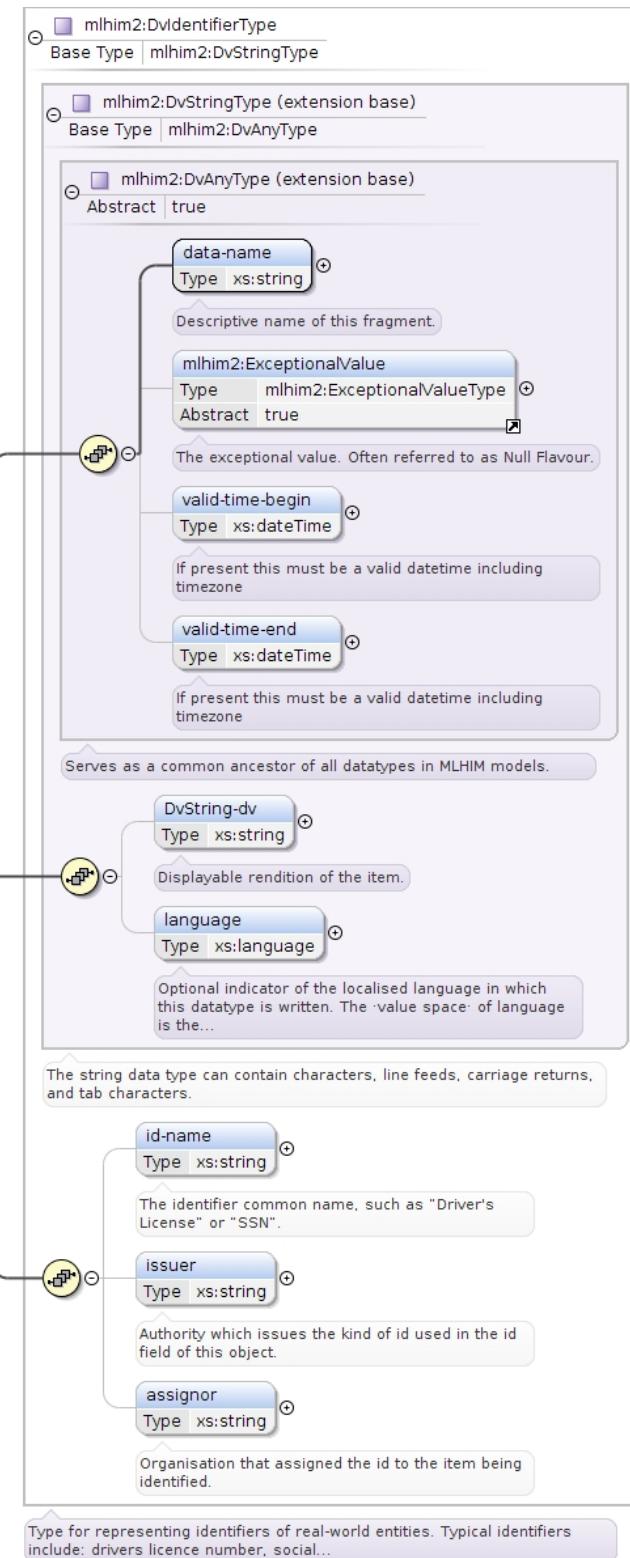


Type	<code>mlhim2:FeederAuditDetailsType</code>
Properties	content: complex
Used by	Complex Type <code>mlhim2:FeederAuditType</code>
Model	<code>mlhim2:system-id</code> , <code>mlhim2:provider</code> , <code>mlhim2:location</code> , <code>mlhim2:timestamp</code> , <code>mlhim2:subject</code> , <code>mlhim2:version-id</code>
Children	<code>mlhim2:location</code> , <code>mlhim2:provider</code> , <code>mlhim2:subject</code> , <code>mlhim2:system-id</code> , <code>mlhim2:timestamp</code> , <code>mlhim2:version-id</code>
Instance	<pre><mlhim2:originating-system-audit xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:system-id>{1,1}</mlhim2:system-id> <mlhim2:provider>{1,1}</mlhim2:provider> <mlhim2:location>{1,1}</mlhim2:location> <mlhim2:timestamp>{1,1}</mlhim2:timestamp> <mlhim2:subject>{1,1}</mlhim2:subject> <mlhim2:version-id>{1,1}</mlhim2:version-id> </mlhim2:originating-system-audit></pre>
Source	<code><xss:element name="originating-system-audit" type="mlhim2:FeederAuditDetailsType"/></code>

Element `mlhim2:system-id`

Namespace	<code>http://www.mlhim.org/xmlns/mlhim2/2_4_1</code>
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Diagram



Type	<code>mlhim2:DvIdentifierType</code>
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Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> • <code>mlhim2:DvStringType</code> • <code>mlhim2:DvIdentifierType</code>
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Properties	content:	complex
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Used by	Complex Type	<code>mlhim2:FeederAuditDetailsType</code>
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Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:DvString-dv{0,1} , mlhim2:language{0,1} , mlhim2:id-name{0,1} , mlhim2:issuer{0,1} , mlhim2:assignor{0,1}
Children	mlhim2:DvString-dv, mlhim2:ExceptionalValue, mlhim2:assignor, mlhim2:data-name, mlhim2:id-name, mlhim2:issuer, mlhim2:language, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<mlhim2:system-id xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:DvString-dv>{0,1}</mlhim2:DvString-dv> <mlhim2:language>{0,1}</mlhim2:language> <mlhim2:id-name>{0,1}</mlhim2:id-name> <mlhim2:issuer>{0,1}</mlhim2:issuer> <mlhim2:assignor>{0,1}</mlhim2:assignor> </mlhim2:system-id>
Source	<xss:element name="system-id" type="mlhim2:DvIdentifierType" />

Element mlhim2:provider

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>The diagram illustrates the UML class structure for <code>mlhim2:provider</code>. It inherits from three base types: <code>mlhim2:PartyIdentifiedType</code>, <code>mlhim2:LocatableType</code>, and <code>mlhim2:details</code>.</p> <ul style="list-style-type: none"> mlhim2:PartyIdentifiedType (Base Type): Contains attributes <code>party-name</code> (xs:string) and <code>external-ref</code> (mlhim2:DvURIType). mlhim2:LocatableType (Abstract): Contains attributes <code>links</code> (mlhim2:DvURIType) and <code>feeder-audit</code> (mlhim2:FeederAuditType). mlhim2:details (Type): Contains no explicit attributes. <p>Annotations provide additional context for each attribute:</p> <ul style="list-style-type: none"> <code>links</code>: Type <code>mlhim2:DvURIType</code>. Description: "Optional link(s) to other Locatable structures or external entities." <code>feeder-audit</code>: Type <code>mlhim2:FeederAuditType</code>. Description: "Audit trail from the system of original commit of information forming the content of this node, or from a conversion..." <code>party-name</code>: Type <code>xs:string</code>. Description: "Optional human-readable name (in String form)." <code>external-ref</code>: Type <code>mlhim2:DvURIType</code>. Description: "Optional reference to more detailed demographic or identification information for this party, in an external system." <code>details</code>: Type <code>mlhim2:itemType</code>. Description: "Structural details about the party".
Type	mlhim2:PartyIdentifiedType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType • mlhim2:PartyProxyType • mlhim2:PartyIdentifiedType
Properties	content: complex
Used by	Complex Type mlhim2:FeederAuditDetailsType
Model	mlhim2:links* , mlhim2:feeder-audit{0,1} , mlhim2:party-name{0,1} , mlhim2:external-ref{0,1} , mlhim2:details
Children	mlhim2:details, mlhim2:external-ref, mlhim2:feeder-audit, mlhim2:links, mlhim2:party-name
Instance	<mlhim2:provider xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1">

	<pre><mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:party-name>{0,1}</mlhim2:party-name> <mlhim2:external-ref>{0,1}</mlhim2:external-ref> <mlhim2:details>{1,1}</mlhim2:details> </mlhim2:provider></pre>
Source	<code><xss:element name="provider" type="mlhim2:PartyIdentifiedType" /></code>

Element mlhim2:links

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>The diagram illustrates the UML class <code>mlhim2:DvAnyType</code> (extension base) with the attribute <code>data-name</code> of type <code>xs:string</code>. It also contains the association <code>links</code> (Type <code>mlhim2:DvURIType</code>) and the association <code>DvURI-dv</code> (Type <code>xs:anyURI</code>). The class is marked as abstract.</p>
Type	<code>mlhim2:DvURIType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> • <code>mlhim2:DvURIType</code>
Properties	content: complex
Used by	Complex Types <code>mlhim2:AdminEntryType</code> , <code>mlhim2:AttestationType</code> , <code>mlhim2:CareEntryType</code> , <code>mlhim2:ClusterType</code> , <code>mlhim2:DefinitionType</code> , <code>mlhim2:DemographicEntryType</code> , <code>mlhim2:ElementType</code> , <code>mlhim2:EntryType</code> , <code>mlhim2:ItemType</code> , <code>mlhim2:LocatableType</code> , <code>mlhim2:PartyIdentifiedType</code> , <code>mlhim2:PartyProxyType</code> , <code>mlhim2:SlotType</code>
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:DvURI-dv</code> , <code>mlhim2:relation</code>
Children	<code>mlhim2:DvURI-dv</code> , <code>mlhim2:ExceptionalValue</code> , <code>mlhim2:data-name</code> , <code>mlhim2:relation</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code>
Instance	<pre><mlhim2:links xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin></pre>

	<pre><mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:DvURI-dv>{1,1}</mlhim2:DvURI-dv> <mlhim2:relation>{1,1}</mlhim2:relation> </mlhim2:links></pre>
Source	<code><xss:element name="links" type="mlhim2:DvURIType" /></code>

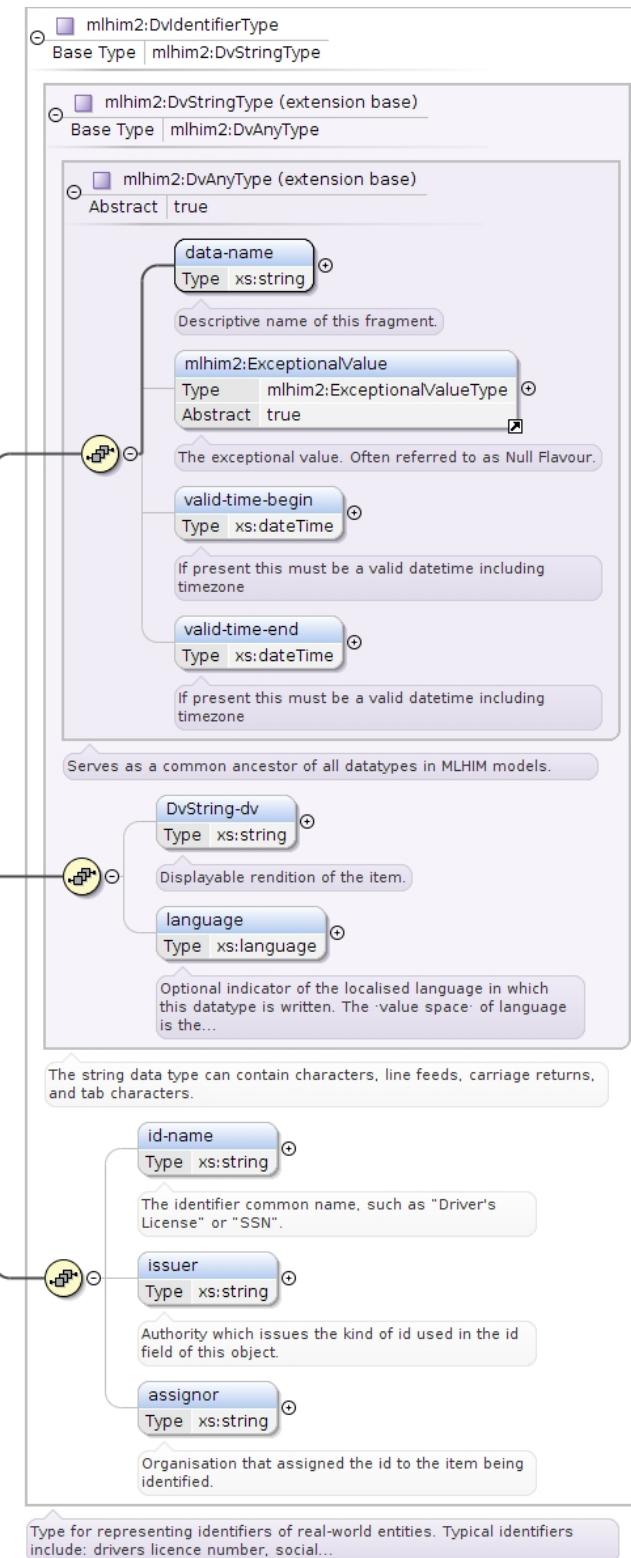
Element mlhim2:feeder-audit

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	
Type	mlhim2:FeederAuditType
Properties	content: complex
Used by	Complex Types mlhim2:AdminEntryType, mlhim2:AttestationType, mlhim2:CareEntryType, mlhim2:ClusterType, mlhim2:DefinitionType, mlhim2:DemographicEntryType, mlhim2:ElementType, mlhim2:EntryType, mlhim2:ItemType, mlhim2:LocatableType, mlhim2:PartyIdentifiedType, mlhim2:PartyProxyType, mlhim2:SlotType
Model	mlhim2:originating-system-audit , mlhim2:originating-system-ids+ , mlhim2:feeder-system-audit , mlhim2:feeder-system-ids+ , mlhim2:original-content
Children	mlhim2:feeder-system-audit, mlhim2:feeder-system-ids, mlhim2:original-content, mlhim2:originating-system-audit, mlhim2:originating-system-ids
Instance	<pre><mlhim2:feeder-audit xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:originating-system-audit>{1,1}</mlhim2:originating-system-audit> <mlhim2:originating-system-ids>{1,unbounded}</mlhim2:originating-system-ids> <mlhim2:feeder-system-audit>{1,1}</mlhim2:feeder-system-audit> <mlhim2:feeder-system-ids>{1,unbounded}</mlhim2:feeder-system-ids> <mlhim2:original-content>{1,1}</mlhim2:original-content> </mlhim2:feeder-audit></pre>
Source	<code><xss:element name="feeder-audit" type="mlhim2:FeederAuditType" /></code>

Element mlhim2:originating-system-ids

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:DvIdentifierType</code>	
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> <ul style="list-style-type: none"> • <code>mlhim2:DvStringType</code> • <code>mlhim2:DvIdentifierType</code> 	
Properties	content:	complex
Used by	Complex Type	<code>mlhim2:FeederAuditType</code>

Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:DvString-dv{0,1} , mlhim2:language{0,1} , mlhim2:id-name{0,1} , mlhim2:issuer{0,1} , mlhim2:assignor{0,1}
Children	mlhim2:DvString-dv , mlhim2:ExceptionalValue , mlhim2:assignor , mlhim2:data-name , mlhim2:id-name , mlhim2:issuer , mlhim2:language , mlhim2:valid-time-begin , mlhim2:valid-time-end
Instance	<pre><mlhim2:originating-system-ids xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:DvString-dv>{0,1}</mlhim2:DvString-dv> <mlhim2:language>{0,1}</mlhim2:language> <mlhim2:id-name>{0,1}</mlhim2:id-name> <mlhim2:issuer>{0,1}</mlhim2:issuer> <mlhim2:assignor>{0,1}</mlhim2:assignor> </mlhim2:originating-system-ids></pre>
Source	<code><xss:element name="originating-system-ids" type="mlhim2:DvIdentifierType" /></code>

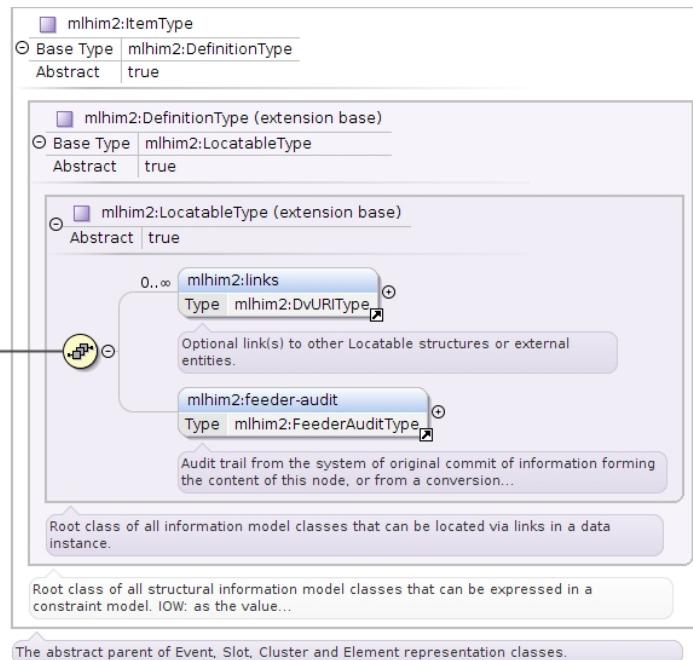
Element mlhim2:feeder-system-audit

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	
Type	mlhim2:FeederAuditDetailsType
Properties	content: complex
Used by	Complex Type mlhim2:FeederAuditType
Model	mlhim2:system-id , mlhim2:provider , mlhim2:location , mlhim2:timestamp , mlhim2:subject , mlhim2:version-id
Children	mlhim2:location, mlhim2:provider, mlhim2:subject, mlhim2:system-id, mlhim2:timestamp, mlhim2:version-id
Instance	<pre><mlhim2:feeder-system-audit xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:system-id>{1,1}</mlhim2:system-id> <mlhim2:provider>{1,1}</mlhim2:provider> <mlhim2:location>{1,1}</mlhim2:location> <mlhim2:timestamp>{1,1}</mlhim2:timestamp> <mlhim2:subject>{1,1}</mlhim2:subject> <mlhim2:version-id>{1,1}</mlhim2:version-id> </mlhim2:feeder-system-audit></pre>
Source	<code><xss:element name="feeder-system-audit" type="mlhim2:FeederAuditDetailsType" /></code>

Element mlhim2:location

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:ItemType</code>
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Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:LocatableType</code> <ul style="list-style-type: none"> • <code>mlhim2:DefinitionType</code> • <code>mlhim2:ItemType</code>
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Properties	content:	complex
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Used by	Complex Type	<code>mlhim2:FeederAuditDetailsType</code>
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Model	<code>mlhim2:links*</code> , <code>mlhim2:feeder-audit{0,1}</code>
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Children	<code>mlhim2:feeder-audit</code> , <code>mlhim2:links</code>
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Instance	<pre><mlhim2:location xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> </mlhim2:location></pre>
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Source	<code><x:element name="location" type="mlhim2:ItemType"/></code>
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Element `mlhim2:timestamp`

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram	<p>The diagram shows the inheritance path for the <code>timestamp</code> element. It starts with <code>timestamp</code> (Type: <code>xs:dateTime</code>) which inherits from <code>xs:dateTime</code>. A note below states: "Built-in primitive type. The dateTime datatype represents a specific instant of time."</p>
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Type	<code>xs:dateTime</code>
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Properties	content:	simple
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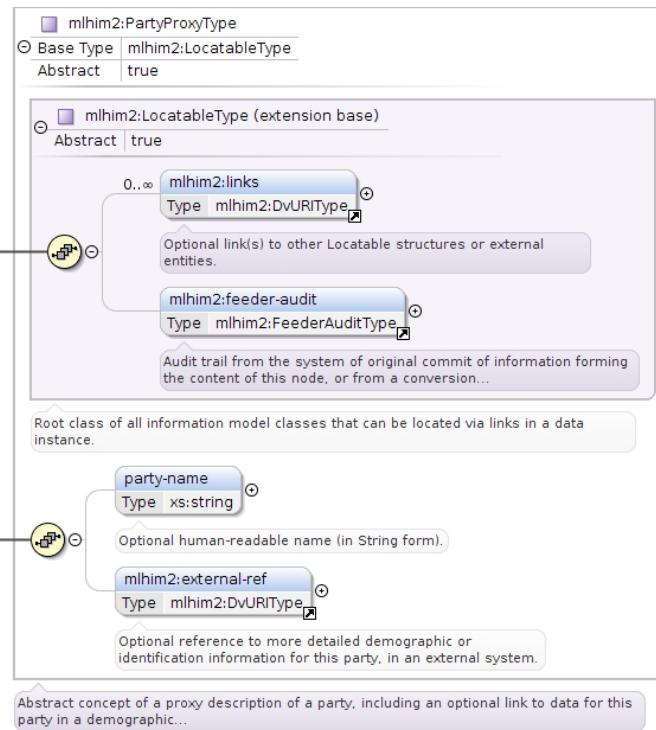
Used by	Complex Type	<code>mlhim2:FeederAuditDetailsType</code>
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Source	<code><x:element name="timestamp" type="xs:dateTime"/></code>
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Element `mlhim2:subject`

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	mlhim2:PartyProxyType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType <ul style="list-style-type: none"> • mlhim2:PartyProxyType
Properties	content: complex
Used by	Complex Type mlhim2:FeederAuditDetailsType
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}, mlhim2:party-name{0,1}, mlhim2:external-ref{0,1}
Children	mlhim2:external-ref, mlhim2:feeder-audit, mlhim2:links, mlhim2:party-name
Instance	<pre><mlhim2:subject xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:party-name>{0,1}</mlhim2:party-name> <mlhim2:external-ref>{0,1}</mlhim2:external-ref> </mlhim2:subject></pre>
Source	<code><xss:element name="subject" type="mlhim2:PartyProxyType" /></code>

Element mlhim2:PartyProxyType / mlhim2:party-name

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	Optional human-readable name (in String form).						
Diagram	<p>The diagram shows the attribute party-name of type xs:string. A note below it states: "Optional human-readable name (in String form)." Another note to the right says: "Built-in primitive type. The string datatype represents character strings in XML."</p>						
Type	xs:string						
Properties	<table border="1"> <tbody> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </tbody> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xss:element maxOccurs="1" minOccurs="0" name="party-name" type="xs:string"> <xss:annotation> <xss:documentation>Optional human-readable name (in String form).</xss:documentation> </xss:annotation> </xss:element></pre>						

Element mlhim2:external-ref

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>The diagram illustrates the UML class <code>mlhim2:DvURIType</code> defined in the namespace <code>http://www.mlhim.org/xmlns/mlhim2/2_4_1</code>. It is a base type for <code>mlhim2:DvAnyType</code>, which is marked as abstract and true. The class contains several attributes:</p> <ul style="list-style-type: none"> <code>data-name</code>: Type <code>xs:string</code>, described as "Descriptive name of this fragment." <code>mlhim2:ExceptionalValue</code>: Type <code>mlhim2:ExceptionalValueType</code>, abstract and true, described as "The exceptional value. Often referred to as Null Flavour." <code>valid-time-begin</code>: Type <code>xs:dateTime</code>, described as "If present this must be a valid datetime including timezone." <code>valid-time-end</code>: Type <code>xs:dateTime</code>, described as "If present this must be a valid datetime including timezone." <code>DvURI-dv</code>: Type <code>xs:anyURI</code>, described as "anyURI as a pointer." <code>relation</code>: Type <code>xs:string</code>, described as "Normally constrained by an ontology such as the OBO RO http://purl.obolibrary.org/obo/ro.owl". <p>A note at the bottom states: "Used to specify a URI. Set the pattern to accommodate your needs."</p>
Type	<code>mlhim2:DvURIType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> • <code>mlhim2:DvURIType</code>
Properties	content: complex
Used by	Complex Types <code>mlhim2:PartyIdentifiedType</code> , <code>mlhim2:PartyProxyType</code>
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:DvURI-dv</code> , <code>mlhim2:relation</code>
Children	<code>mlhim2:DvURI-dv</code> , <code>mlhim2:ExceptionalValue</code> , <code>mlhim2:data-name</code> , <code>mlhim2:relation</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code>
Instance	<pre><mlhim2:external-ref xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:DvURI-dv>{1,1}</mlhim2:DvURI-dv> <mlhim2:relation>{1,1}</mlhim2:relation> </mlhim2:external-ref></pre>
Source	<code><xsd:element name="external-ref" type="mlhim2:DvURIType" /></code>

Element mlhim2:FeederAuditDetailsType / mlhim2:version-id

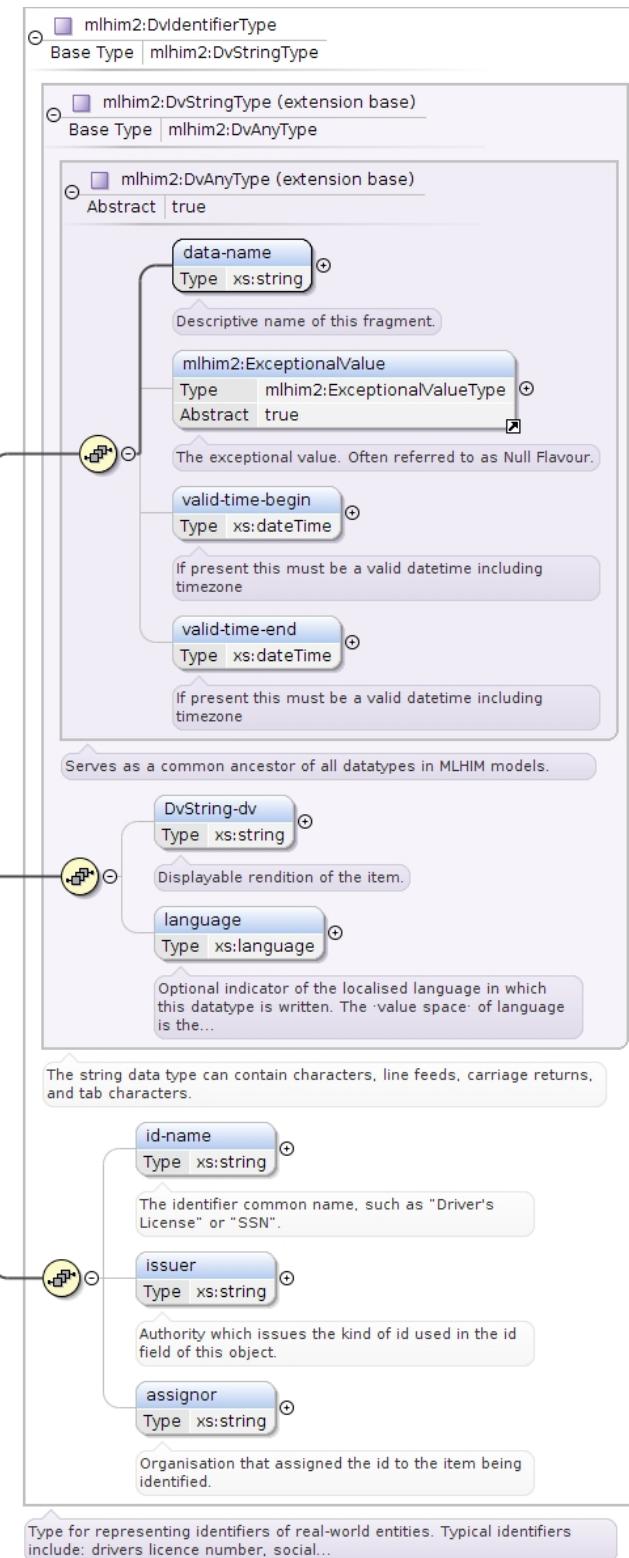
Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Applicable version information.

Diagram	<p>The diagram shows a class named 'version-id' with a multiplicity of 0..1. It has a single attribute 'Type xs:string'. A callout box labeled 'Applicable version information.' points to the attribute. Another callout box labeled 'Built-in primitive type. The string datatype represents character strings in XML.' points to the 'xs:string' type.</p>						
Type	xs:string						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="version-id" type="xs:string"> <xs:annotation> <xs:documentation>Applicable version information.</xs:documentation> </xs:annotation> </xs:element></pre>						

Element mlhim2:feeder-system-ids

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:DvIdentifierType</code>	
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> • <code>mlhim2:DvStringType</code> • <code>mlhim2:DvIdentifierType</code> 	
Properties	content:	complex
Used by	Complex Type	<code>mlhim2:FeederAuditType</code>

Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:DvString-dv{0,1} , mlhim2:language{0,1} , mlhim2:id-name{0,1} , mlhim2:issuer{0,1} , mlhim2:assignor{0,1}
Children	mlhim2:DvString-dv , mlhim2:ExceptionalValue , mlhim2:assignor , mlhim2:data-name , mlhim2:id-name , mlhim2:issuer , mlhim2:language , mlhim2:valid-time-begin , mlhim2:valid-time-end
Instance	<mlhim2:feeder-system-ids xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:DvString-dv>{0,1}</mlhim2:DvString-dv> <mlhim2:language>{0,1}</mlhim2:language> <mlhim2:id-name>{0,1}</mlhim2:id-name> <mlhim2:issuer>{0,1}</mlhim2:issuer> <mlhim2:assignor>{0,1}</mlhim2:assignor> </mlhim2:feeder-system-ids>
Source	<xss:element name="feeder-system-ids" type="mlhim2:DvIdentifierType" />

Element mlhim2:original-content

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>The diagram illustrates the UML class structure for <code>mlhim2:DvURIType</code>. It is an abstract base type (<code>mlhim2:DvAnyType</code>) that serves as a common ancestor for all datatypes in MLHIM models. The class has several attributes and associations:</p> <ul style="list-style-type: none"> Attributes: <ul style="list-style-type: none"> <code>data-name</code>: Type <code>xs:string</code>, described as "Descriptive name of this fragment." <code>mlhim2:ExceptionalValue</code>: Type <code>mlhim2:ExceptionValueType</code>, described as "The exceptional value. Often referred to as Null Flavour." <code>valid-time-begin</code>: Type <code>xs:dateTime</code>, described as "If present this must be a valid datetime including timezone." <code>valid-time-end</code>: Type <code>xs:dateTime</code>, described as "If present this must be a valid datetime including timezone." Associations: <ul style="list-style-type: none"> original-content: Type <code>mlhim2:DvURIType</code>. This association is marked with a yellow circular icon, indicating it is a self-referencing association. DvURI-dv: Type <code>xs:anyURI</code>. This association is marked with a blue circular icon, indicating it is a generalization relationship. anyURI as a pointer: Describes the <code>DvURI-dv</code> association. relation: Type <code>xs:string</code>. This association is also marked with a blue circular icon. OBO RO: Describes the <code>relation</code> association, stating it is normally constrained by an ontology such as the OBO RO http://purl.obolibrary.org/obo/ro.owl.
Type	<code>mlhim2:DvURIType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> • <code>mlhim2:DvURIType</code>
Properties	content: complex
Used by	Complex Type <code>mlhim2:FeederAuditType</code>
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:DvURI-dv , mlhim2:relation

Children	mlhim2:DvURI-dv, mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:relation, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<mlhim2:original-content xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:DvURI-dv>{1,1}</mlhim2:DvURI-dv> <mlhim2:relation>{1,1}</mlhim2:relation> </mlhim2:original-content>
Source	<xss:element name="original-content" type="mlhim2:DvURIType"/>

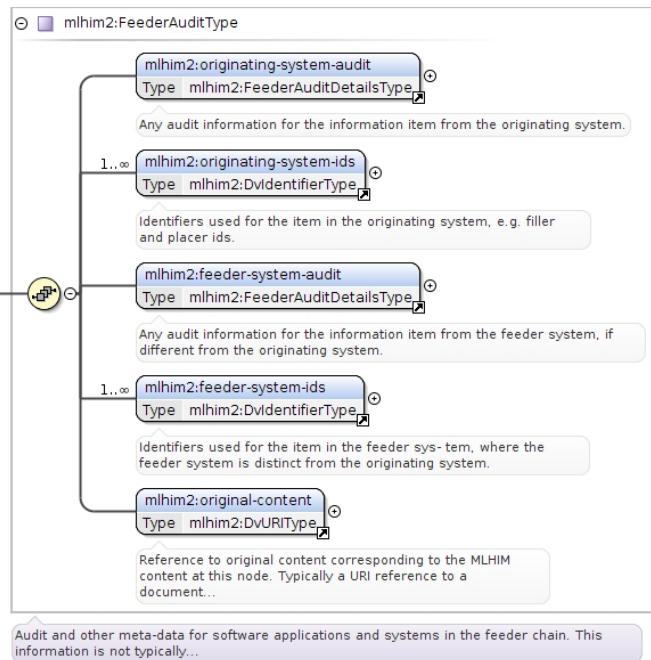
Element mlhim2:details

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<pre> classDiagram class mlhim2:details { <<mlhim2:ItemType>> } class mlhim2:ItemType { <<Abstract Base Type>> <<mlhim2:DefinitionType>> } class mlhim2:DefinitionType { <<Base Type>> <<mlhim2:LocatableType>> } class mlhim2:LocatableType { <<Abstract Base Type>> <<mlhim2:links>> } class mlhim2:links { <<0..* mlhim2:links>> <<Type mlhim2:DvURIType>> } class mlhim2:feeder-audit { <<mlhim2:FeederAuditType>> } </pre> <p>The diagram illustrates the UML class structure for the 'details' element. It is a concrete subclass of 'mlhim2:ItemType'. 'mlhim2:ItemType' is an abstract base type that extends 'mlhim2:DefinitionType', which in turn extends 'mlhim2:LocatableType'. 'mlhim2:LocatableType' is also an abstract base type that extends 'mlhim2:links'. The 'mlhim2:links' class has a multiplicity of '0..*' and a type of 'mlhim2:DvURIType'. There is also an association with 'mlhim2:feeder-audit' with a type of 'mlhim2:FeederAuditType'. A note indicates that 'mlhim2:links' is the 'Root class of all information model classes that can be located via links in a data instance.' Another note states that 'mlhim2:feeder-audit' is the 'Audit trail from the system of original commit of information forming the content of this node, or from a conversion...'. A general note at the bottom says 'The abstract parent of Event, Slot, Cluster and Element representation classes.'</p>
Type	mlhim2:ItemType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType <ul style="list-style-type: none"> • mlhim2:DefinitionType <ul style="list-style-type: none"> • mlhim2:ItemType
Properties	content: complex
Used by	Complex Type mlhim2:PartyIdentifiedType
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}
Children	mlhim2:feeder-audit, mlhim2:links
Instance	<mlhim2:details xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> </mlhim2:details>
Source	<xss:element name="details" type="mlhim2:ItemType"/>

Element mlhim2:FeederAudit

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

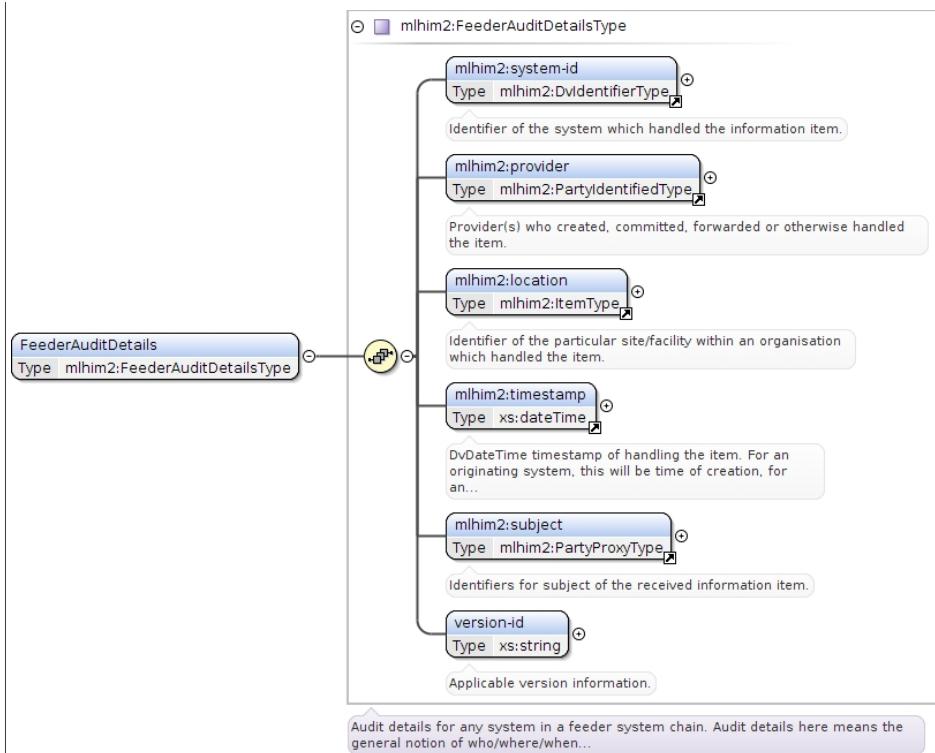


Type	mlhim2:FeederAuditType
Properties	content: complex
Model	mlhim2:originating-system-audit , mlhim2:originating-system-ids+ , mlhim2:feeder-system-audit , mlhim2:feeder-system-ids+ , mlhim2:original-content
Children	mlhim2:feeder-system-audit, mlhim2:feeder-system-ids, mlhim2:original-content, mlhim2:originating-system-audit, mlhim2:originating-system-ids
Instance	<mlhim2:FeederAudit xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:originating-system-audit>{1,1}</mlhim2:originating-system-audit> <mlhim2:originating-system-ids>{1,unbounded}</mlhim2:originating-system-ids> <mlhim2:feeder-system-audit>{1,1}</mlhim2:feeder-system-audit> <mlhim2:feeder-system-ids>{1,unbounded}</mlhim2:feeder-system-ids> <mlhim2:original-content>{1,1}</mlhim2:original-content> </mlhim2:FeederAudit>
Source	<xss:element name="FeederAudit" type="mlhim2:FeederAuditType" />

Element mlhim2:FeederAuditDetails

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

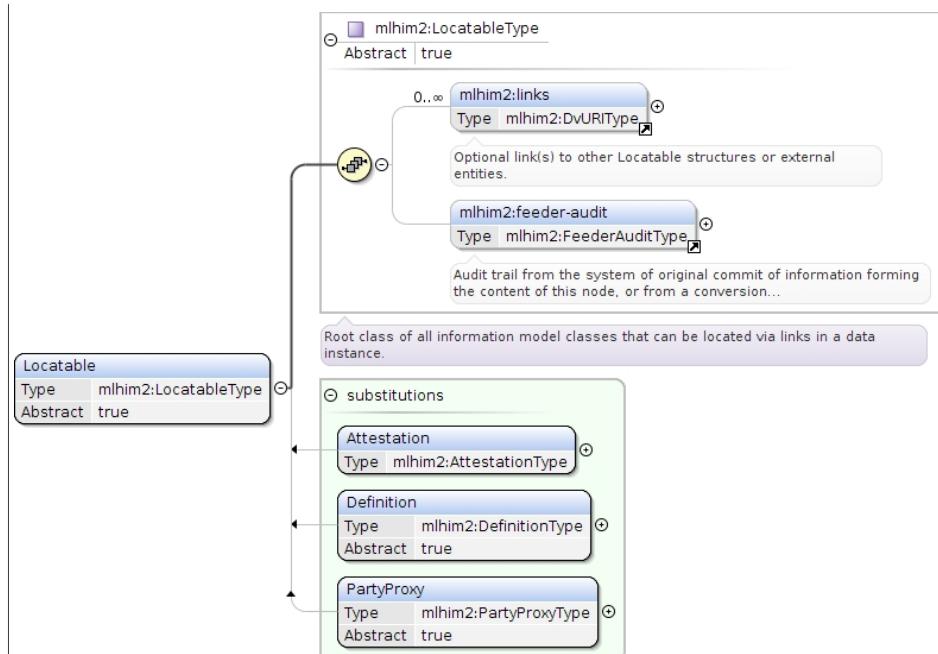


Type	<code>mlhim2:FeederAuditDetailsType</code>
Properties	content: complex
Model	<code>mlhim2:system-id</code> , <code>mlhim2:provider</code> , <code>mlhim2:location</code> , <code>mlhim2:timestamp</code> , <code>mlhim2:subject</code> , <code>mlhim2:version-id</code>
Children	<code>mlhim2:location</code> , <code>mlhim2:provider</code> , <code>mlhim2:subject</code> , <code>mlhim2:system-id</code> , <code>mlhim2:timestamp</code> , <code>mlhim2:version-id</code>
Instance	<pre><mlhim2:FeederAuditDetails xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:system-id>{1,1}</mlhim2:system-id> <mlhim2:provider>{1,1}</mlhim2:provider> <mlhim2:location>{1,1}</mlhim2:location> <mlhim2:timestamp>{1,1}</mlhim2:timestamp> <mlhim2:subject>{1,1}</mlhim2:subject> <mlhim2:version-id>{1,1}</mlhim2:version-id> </mlhim2:FeederAuditDetails></pre>
Source	<code><xs:element name="FeederAuditDetails" type="mlhim2:FeederAuditDetailsType"/></code>

Element mlhim2:Locatable

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

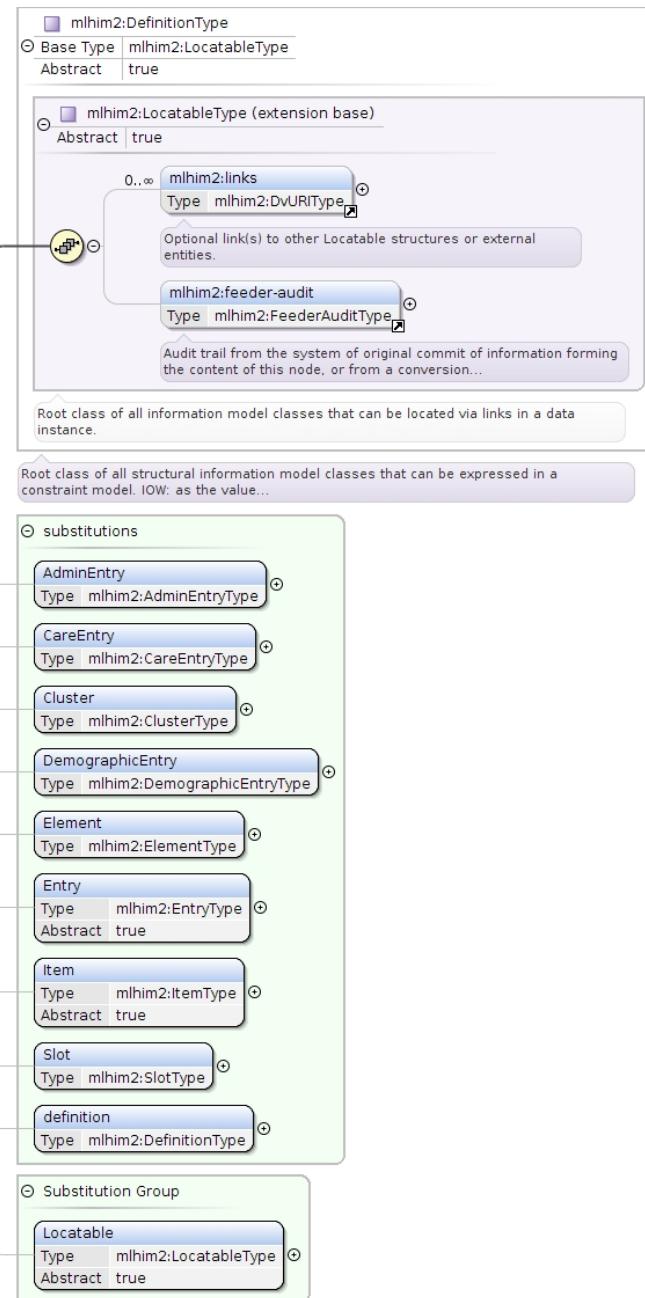


Type	<code>mlhim2:LocatableType</code>				
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">abstract:</td><td style="padding: 2px;">true</td></tr> </table>	content:	complex	abstract:	true
content:	complex				
abstract:	true				
Substitution Group	<ul style="list-style-type: none"> • <code>mlhim2:Attestation</code> • <code>mlhim2:PartyIdentified</code> • <code>mlhim2:PartySelf</code> • <code>mlhim2:Slot</code> • <code>mlhim2:Cluster</code> • <code>mlhim2:Element</code> • <code>mlhim2:CareEntry</code> • <code>mlhim2:AdminEntry</code> • <code>mlhim2:DemographicEntry</code> • <code>mlhim2:definition</code> 				
Model	<code>mlhim2:links*</code> , <code>mlhim2:feeder-audit{0,1}</code>				
Children	<code>mlhim2:feeder-audit</code> , <code>mlhim2:links</code>				
Instance	<pre><mlhim2:Locatable xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> </mlhim2:Locatable></pre>				
Source	<code><xss:element abstract="true" name="Locatable" type="mlhim2:LocatableType"/></code>				

Element `mlhim2:Definition`

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:DefinitionType</code>
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Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:LocatableType</code> • <code>mlhim2:DefinitionType</code>
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Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>abstract:</td><td>true</td></tr> </table>	content:	complex	abstract:	true
content:	complex				
abstract:	true				

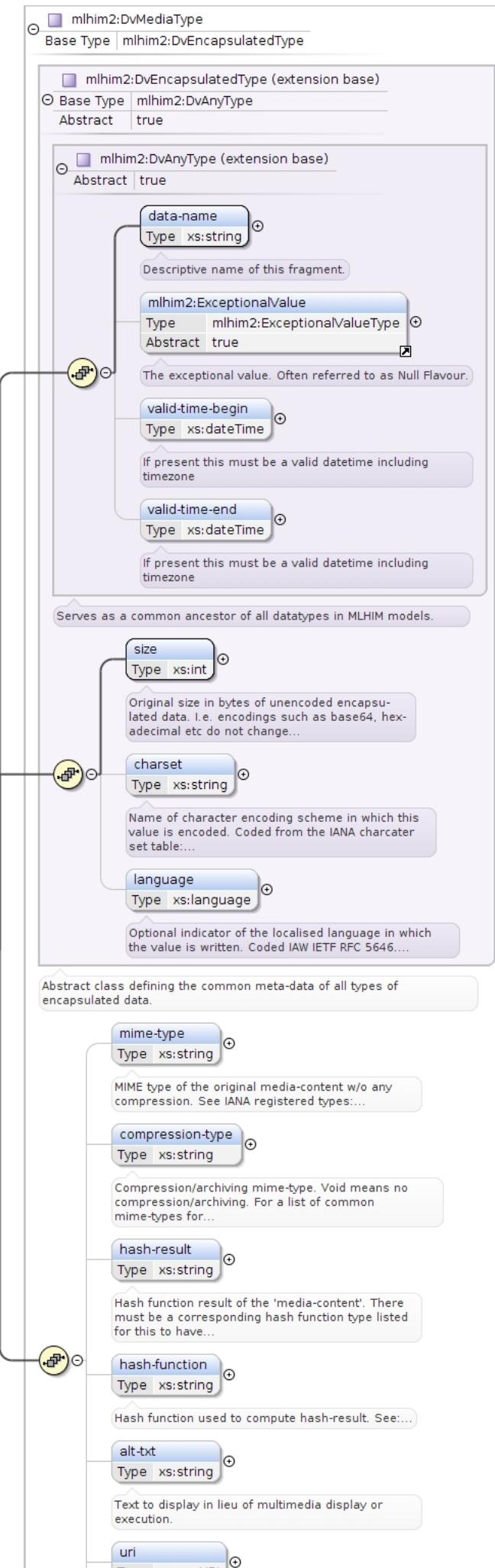
Substitution Group	<ul style="list-style-type: none"> • <code>mlhim2:Slot</code> • <code>mlhim2:Cluster</code> • <code>mlhim2:Element</code> • <code>mlhim2:CareEntry</code> • <code>mlhim2:AdminEntry</code> • <code>mlhim2:DemographicEntry</code> • <code>mlhim2:definition</code>
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Substitution Group Affiliation	• mlhim2:Locatable
Model	mlhim2:links* , mlhim2:feeder-audit{0,1}
Children	mlhim2:feeder-audit, mlhim2:links
Instance	<pre><mlhim2:Definition xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> </mlhim2:Definition></pre>
Source	<pre><xs:element abstract="true" name="Definition" substitutionGroup="mlhim2:Locatable" type="mlhim2:DefinitionType"/></pre>

Element mlhim2:attested-view

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

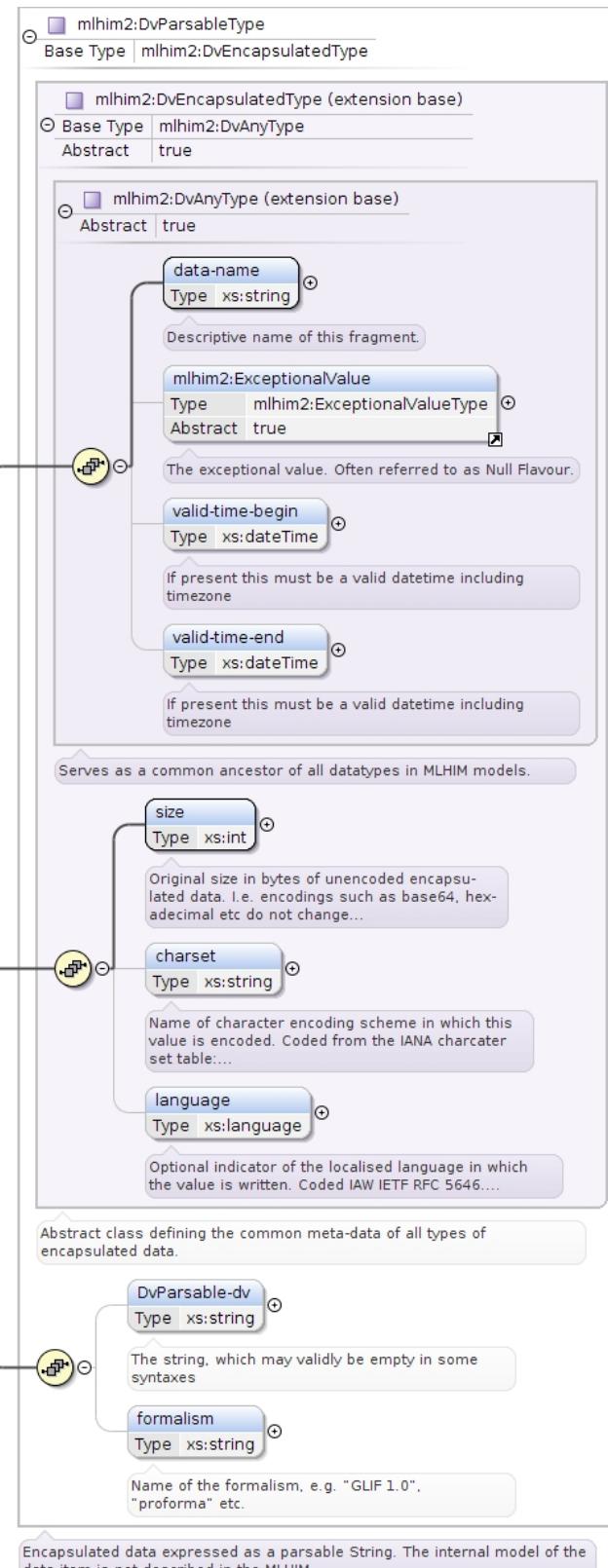


Type	mlhim2:DvMediaType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:DvEncapsulatedType • mlhim2:DvMediaType
Properties	content: complex
Used by	Complex Type mlhim2:AttestationType
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:size , mlhim2:charset{0,1} , mlhim2:language{0,1} , mlhim2:mime-type{0,1} , mlhim2:compression-type{0,1} , mlhim2:hash-result{0,1} , mlhim2:hash-function{0,1} , mlhim2:alt-txt{0,1} , mlhim2:uri{0,1} , mlhim2:media-content{0,1}
Children	mlhim2:ExceptionalValue, mlhim2:alt-txt, mlhim2:charset, mlhim2:compression-type, mlhim2:data-name, mlhim2:hash-function, mlhim2:hash-result, mlhim2:language, mlhim2:media-content, mlhim2:mime-type, mlhim2:size, mlhim2:uri, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<pre><mlhim2:attested-view xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:size>{1,1}</mlhim2:size> <mlhim2:charset>{0,1}</mlhim2:charset> <mlhim2:language>{0,1}</mlhim2:language> <mlhim2:mime-type>{0,1}</mlhim2:mime-type> <mlhim2:compression-type>{0,1}</mlhim2:compression-type> <mlhim2:hash-result>{0,1}</mlhim2:hash-result> <mlhim2:hash-function>{0,1}</mlhim2:hash-function> <mlhim2:alt-txt>{0,1}</mlhim2:alt-txt> <mlhim2:uri>{0,1}</mlhim2:uri> <mlhim2:media-content>{0,1}</mlhim2:media-content> </mlhim2:attested-view></pre>
Source	<code><xss:element name="attested-view" type="mlhim2:DvMediaType" /></code>

Element mlhim2:proof

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:DvParsableType</code>
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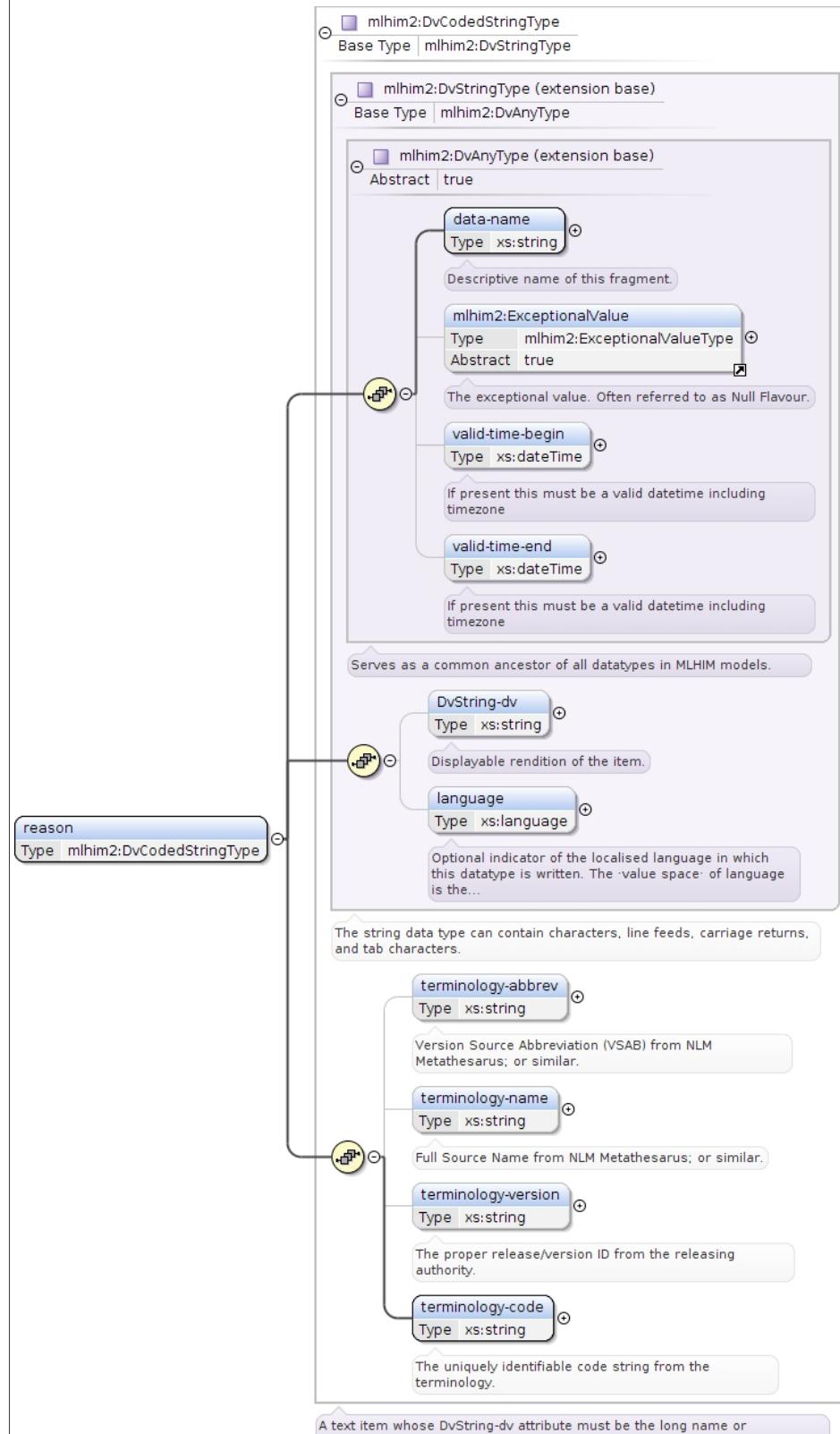
Type hierarchy	<ul style="list-style-type: none"> <code>mlhim2:DvAnyType</code> <code>mlhim2:DvEncapsulatedType</code> <code>mlhim2:DvParsableType</code>
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Properties	content:	complex
Used by	Complex Type	mlhim2:AttestationType
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:size , mlhim2:charset{0,1} , mlhim2:language{0,1} , mlhim2:DvParsable-dv{0,1} , mlhim2:formalism{0,1}	
Children	mlhim2:DvParsable-dv, mlhim2:ExceptionalValue, mlhim2:charset, mlhim2:data-name, mlhim2:formalism, mlhim2:language, mlhim2:size, mlhim2:valid-time-begin, mlhim2:valid-time-end	
Instance	<pre><mlhim2:proof xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:size>{1,1}</mlhim2:size> <mlhim2:charset>{0,1}</mlhim2:charset> <mlhim2:language>{0,1}</mlhim2:language> <mlhim2:DvParsable-dv>{0,1}</mlhim2:DvParsable-dv> <mlhim2:formalism>{0,1}</mlhim2:formalism> </mlhim2:proof></pre>	
Source	<pre><xss:element name="proof" type="mlhim2:DvParsableType" /></pre>	

Element mlhim2:reason

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:DvCodedStringType</code>
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Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> <ul style="list-style-type: none"> • <code>mlhim2:DvStringType</code> • <code>mlhim2:DvCodedStringType</code>
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Properties	content: complex
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Used by	Complex Type mlhim2:AttestationType
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:DvString-dv{0,1} , mlhim2:language{0,1} , mlhim2:terminology-abbrev{0,1} , mlhim2:terminology-name{0,1} , mlhim2:terminology-version{0,1} , mlhim2:terminology-code
Children	mlhim2:DvString-dv, mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:language, mlhim2:terminology-abbrev, mlhim2:terminology-code, mlhim2:terminology-name, mlhim2:terminology-version, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<pre><mlhim2:reason xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:DvString-dv>{0,1}</mlhim2:DvString-dv> <mlhim2:language>{0,1}</mlhim2:language> <mlhim2:terminology-abbrev>{0,1}</mlhim2:terminology-abbrev> <mlhim2:terminology-name>{0,1}</mlhim2:terminology-name> <mlhim2:terminology-version>{0,1}</mlhim2:terminology-version> <mlhim2:terminology-code>{1,1}</mlhim2:terminology-code> </mlhim2:reason></pre>
Source	<code><xss:element name="reason" type="mlhim2:DvCodedStringType" /></code>

Element mlhim2:committer

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	
Type	mlhim2:PartyProxyType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType <ul style="list-style-type: none"> • mlhim2:PartyProxyType
Properties	content: complex
Used by	Complex Type mlhim2:AttestationType
Model	mlhim2:links* , mlhim2:feeder-audit{0,1} , mlhim2:party-name{0,1} , mlhim2:external-ref{0,1}
Children	mlhim2:external-ref, mlhim2:feeder-audit, mlhim2:links, mlhim2:party-name
Instance	<pre><mlhim2:committer xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:party-name>{0,1}</mlhim2:party-name> <mlhim2:external-ref>{0,1}</mlhim2:external-ref> </mlhim2:committer></pre>

Source

```
<xss:element name="committer" type="mlhim2:PartyProxyType" />
```

Element mlhim2:time-committed

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1	
Diagram	<pre> graph LR A[time-committed Type xs:dateTime] --> B[xs:dateTime] </pre> <p>Built-in primitive type. The dateTime datatype represents a specific instant of time.</p>	
Type	xs:dateTime	
Properties	content: simple	
Used by	Complex Type	mlhim2:AttestationType
Source	<pre><xss:element name="time-committed" type="xs:dateTime" /></pre>	

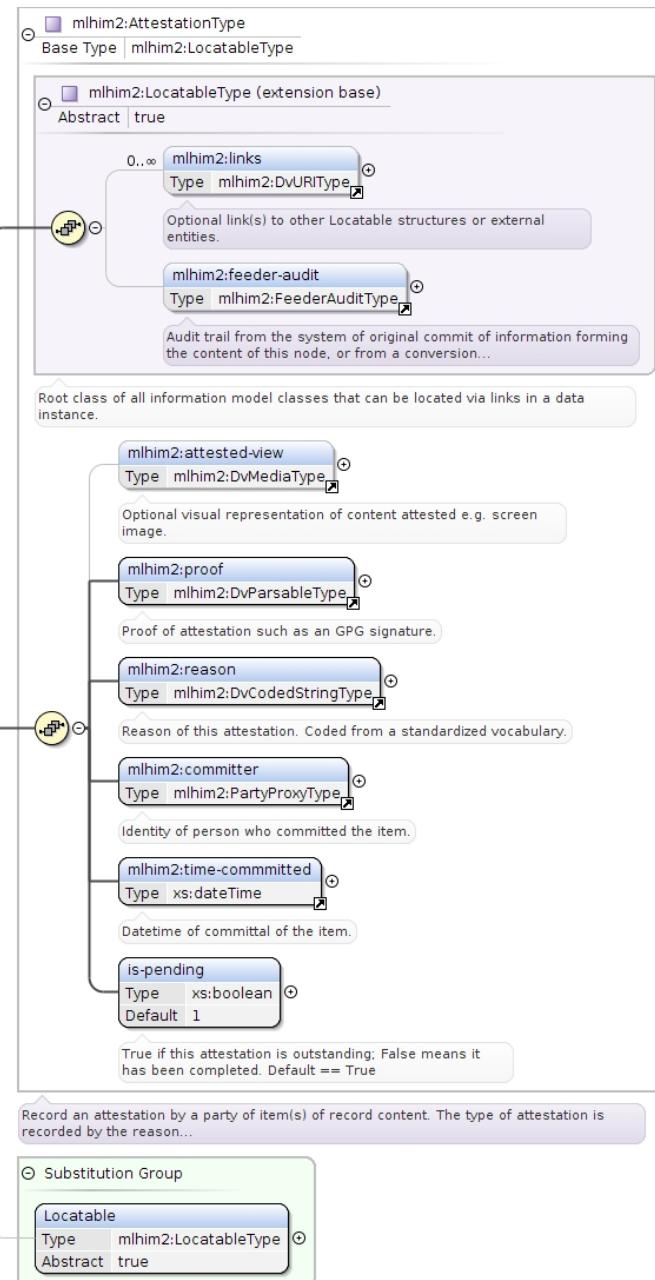
Element mlhim2:AttestationType / mlhim2:is-pending

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1	
Annotations	True if this attestation is outstanding; False means it has been completed. Default == True	
Diagram	<pre> graph LR A[is-pending Type xs:boolean Default 1] --> B[xs:boolean] </pre> <p>True if this attestation is outstanding; False means it has been completed. Default == True</p> <p>Built-in primitive type. It defines the boolean values true and false.</p>	
Type	xs:boolean	
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>default: 1</p>	
Source	<pre> <xss:element maxOccurs="1" minOccurs="1" default="1" name="is-pending" type="xs:boolean"> <xss:annotation> <xss:documentation>True if this attestation is outstanding; False means it has been completed. Default == True</xss:documentation> </xss:annotation> </xss:element> </pre>	

Element mlhim2:Attestation

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:AttestationType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:LocatableType</code> <ul style="list-style-type: none"> • <code>mlhim2:AttestationType</code>
Properties	content: complex
Substitution Group Affiliation	• <code>mlhim2:Locatable</code>
Model	<code>mlhim2:links*</code> , <code>mlhim2:feeder-audit{0,1}</code> , <code>mlhim2:attested-view{0,1}</code> , <code>mlhim2:proof</code> , <code>mlhim2:reason</code> , <code>mlhim2:committer</code> , <code>mlhim2:time-committed</code> , <code>mlhim2:is-pending</code>
Children	<code>mlhim2:attested-view</code> , <code>mlhim2:committer</code> , <code>mlhim2:feeder-audit</code> , <code>mlhim2:is-pending</code> , <code>mlhim2:links</code> , <code>mlhim2:proof</code> , <code>mlhim2:reason</code> , <code>mlhim2:time-committed</code>
Instance	<pre><mlhim2:Attestation xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:attested-view>{0,1}</mlhim2:attested-view> <mlhim2:proof>{1,1}</mlhim2:proof> <mlhim2:reason>{1,1}</mlhim2:reason> <mlhim2:committer>{1,1}</mlhim2:committer></pre>

	<pre><mlhim2:time-committed>{1,1}</mlhim2:time-committed> <mlhim2:is-pending>{1,1}</mlhim2:is-pending> </mlhim2:Attestation></pre>
Source	<pre><xs:element name="Attestation" substitutionGroup="mlhim2:Locatable" type="mlhim2:AttestationType" /></pre>

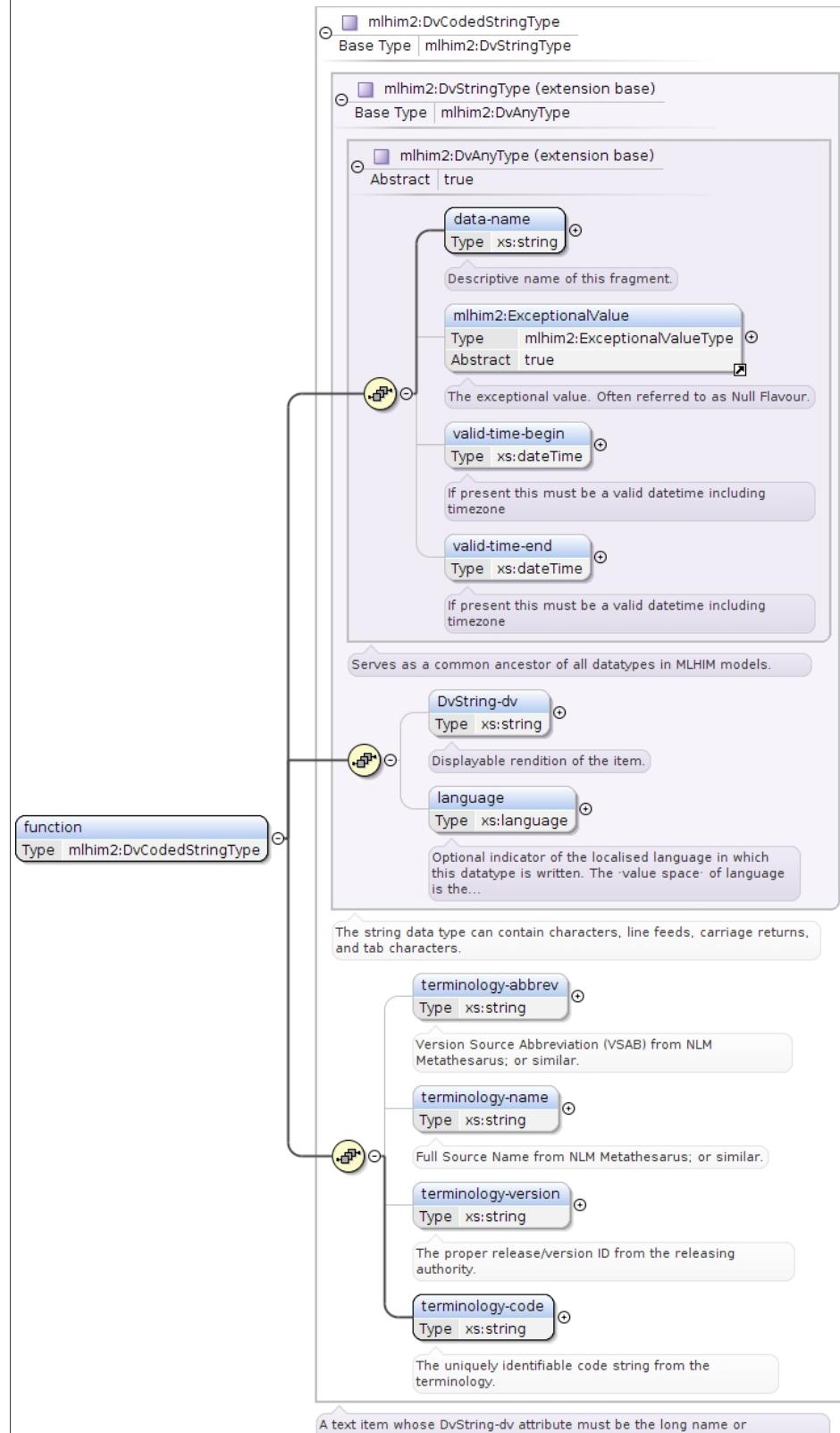
Element mlhim2:performer

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>The diagram illustrates the UML class structure for the <code>mlhim2:performer</code> element. It inherits from <code>mlhim2:LocatableType</code> (Abstract: true) and <code>mlhim2:PartyProxyType</code>. The <code>mlhim2:LocatableType</code> extension base includes attributes <code>mlhim2:links</code> (Type: <code>mlhim2:DvURIType</code>, multiplicity: 0..oo), <code>mlhim2:feeder-audit</code> (Type: <code>mlhim2:FeederAuditType</code>), <code>party-name</code> (Type: <code>xs:string</code>), and <code>mlhim2:external-ref</code> (Type: <code>mlhim2:DvURIType</code>). The <code>mlhim2:PartyProxyType</code> extension base is described as an abstract concept of a proxy description of a party, including an optional link to data for this party in a demographic.</p>
Type	<code>mlhim2:PartyProxyType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:LocatableType</code> <ul style="list-style-type: none"> • <code>mlhim2:PartyProxyType</code>
Properties	content: complex
Used by	Complex Type <code>mlhim2:ParticipationType</code>
Model	<code>mlhim2:links*</code> , <code>mlhim2:feeder-audit{0,1}</code> , <code>mlhim2:party-name{0,1}</code> , <code>mlhim2:external-ref{0,1}</code>
Children	<code>mlhim2:external-ref</code> , <code>mlhim2:feeder-audit</code> , <code>mlhim2:links</code> , <code>mlhim2:party-name</code>
Instance	<pre><mlhim2:performer xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:party-name>{0,1}</mlhim2:party-name> <mlhim2:external-ref>{0,1}</mlhim2:external-ref> </mlhim2:performer></pre>
Source	<pre><xs:element name="performer" type="mlhim2:PartyProxyType" /></pre>

Element mlhim2:function

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



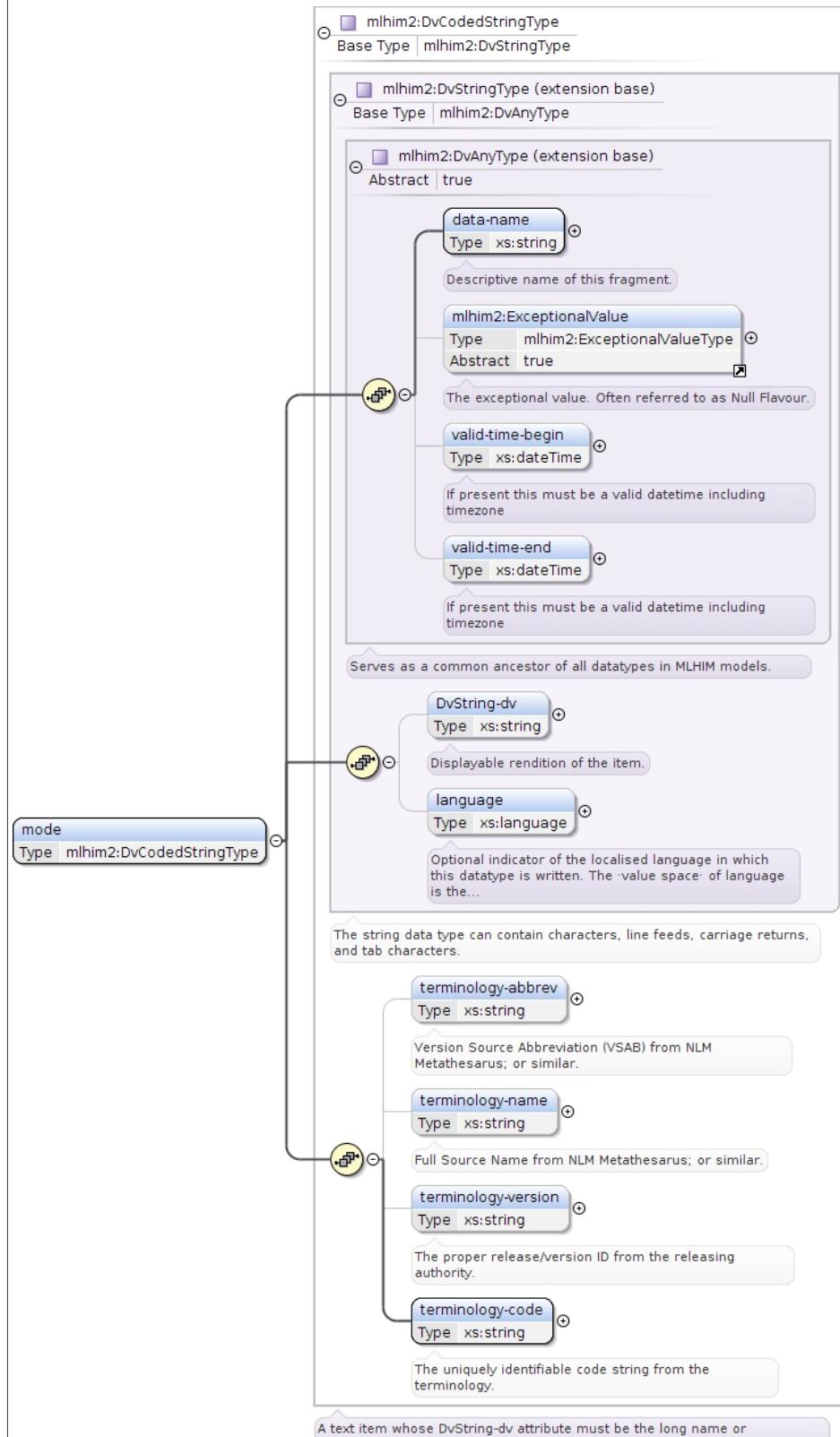
Type	<code>mlhim2:DvCodedStringType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> <ul style="list-style-type: none"> • <code>mlhim2:DvStringType</code> • <code>mlhim2:DvCodedStringType</code>
Properties	content: complex

Used by	Complex Type mlhim2:ParticipationType
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:DvString-dv{0,1} , mlhim2:language{0,1} , mlhim2:terminology-abbrev{0,1} , mlhim2:terminology-name{0,1} , mlhim2:terminology-version{0,1} , mlhim2:terminology-code
Children	mlhim2:DvString-dv, mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:language, mlhim2:terminology-abbrev, mlhim2:terminology-code, mlhim2:terminology-name, mlhim2:terminology-version, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<pre><mlhim2:function xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:DvString-dv>{0,1}</mlhim2:DvString-dv> <mlhim2:language>{0,1}</mlhim2:language> <mlhim2:terminology-abbrev>{0,1}</mlhim2:terminology-abbrev> <mlhim2:terminology-name>{0,1}</mlhim2:terminology-name> <mlhim2:terminology-version>{0,1}</mlhim2:terminology-version> <mlhim2:terminology-code>{1,1}</mlhim2:terminology-code> </mlhim2:function></pre>
Source	<pre><xs:element name="function" type="mlhim2:DvCodedStringType"/></pre>

Element mlhim2:mode

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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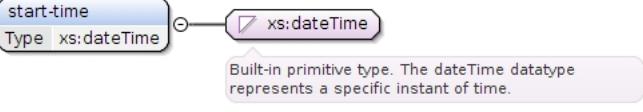
Diagram



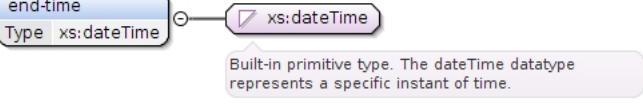
Type	<code>mlhim2:DvCodedStringType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> <ul style="list-style-type: none"> • <code>mlhim2:DvStringType</code> • <code>mlhim2:DvCodedStringType</code>
Properties	content: complex

Used by	Complex Type mlhim2:ParticipationType
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:DvString-dv{0,1} , mlhim2:language{0,1} , mlhim2:terminology-abbrev{0,1} , mlhim2:terminology-name{0,1} , mlhim2:terminology-version{0,1} , mlhim2:terminology-code
Children	mlhim2:DvString-dv, mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:language, mlhim2:terminology-abbrev, mlhim2:terminology-code, mlhim2:terminology-name, mlhim2:terminology-version, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<pre><mlhim2:mode xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:DvString-dv>{0,1}</mlhim2:DvString-dv> <mlhim2:language>{0,1}</mlhim2:language> <mlhim2:terminology-abbrev>{0,1}</mlhim2:terminology-abbrev> <mlhim2:terminology-name>{0,1}</mlhim2:terminology-name> <mlhim2:terminology-version>{0,1}</mlhim2:terminology-version> <mlhim2:terminology-code>{1,1}</mlhim2:terminology-code> </mlhim2:mode></pre>
Source	<code><xss:element name="mode" type="mlhim2:DvCodedStringType"/></code>

Element mlhim2:start-time

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	
Type	xs:dateTime
Properties	content: simple
Used by	Complex Type mlhim2:ParticipationType
Source	<code><xss:element name="start-time" type="xs:dateTime"/></code>

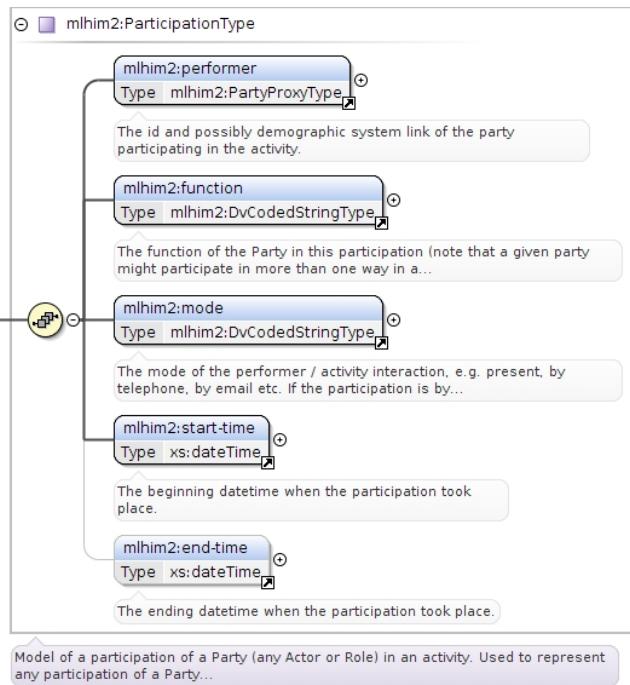
Element mlhim2:end-time

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	
Type	xs:dateTime
Properties	content: simple
Used by	Complex Type mlhim2:ParticipationType
Source	<code><xss:element name="end-time" type="xs:dateTime"/></code>

Element mlhim2:Participation

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

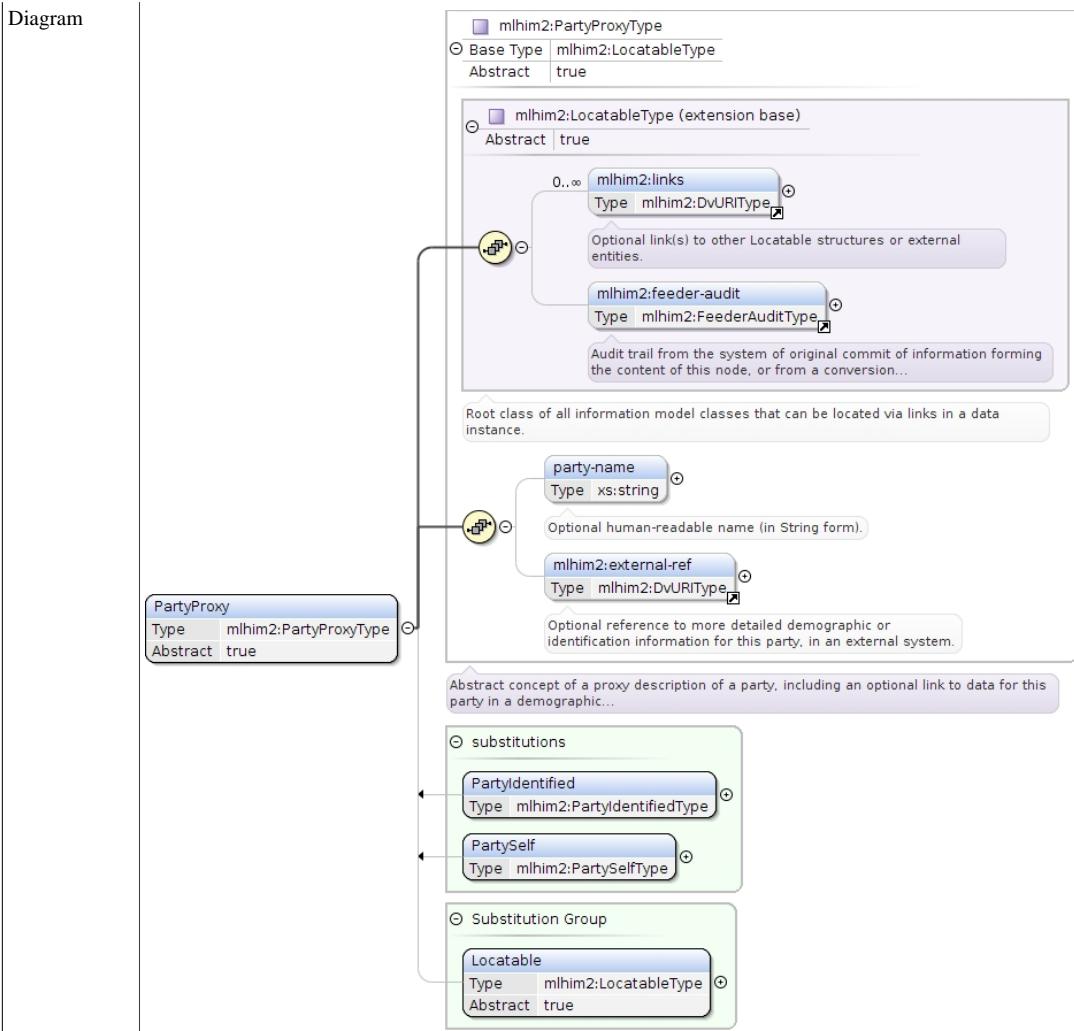


Type	<code>mlhim2:ParticipationType</code>
Properties	content: complex
Model	<code>mlhim2:performer</code> , <code>mlhim2:function</code> , <code>mlhim2:mode</code> , <code>mlhim2:start-time</code> , <code>mlhim2:end-time</code> {0,1}
Children	<code>mlhim2:end-time</code> , <code>mlhim2:function</code> , <code>mlhim2:mode</code> , <code>mlhim2:performer</code> , <code>mlhim2:start-time</code>
Instance	<pre><mlhim2:Participation xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:performer>{1,1}</mlhim2:performer> <mlhim2:function>{1,1}</mlhim2:function> <mlhim2:mode>{1,1}</mlhim2:mode> <mlhim2:start-time>{1,1}</mlhim2:start-time> <mlhim2:end-time>{0,1}</mlhim2:end-time> </mlhim2:Participation></pre>
Source	<code><xss:element name="Participation" type="mlhim2:ParticipationType" /></code>

Element `mlhim2:PartyProxy`

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

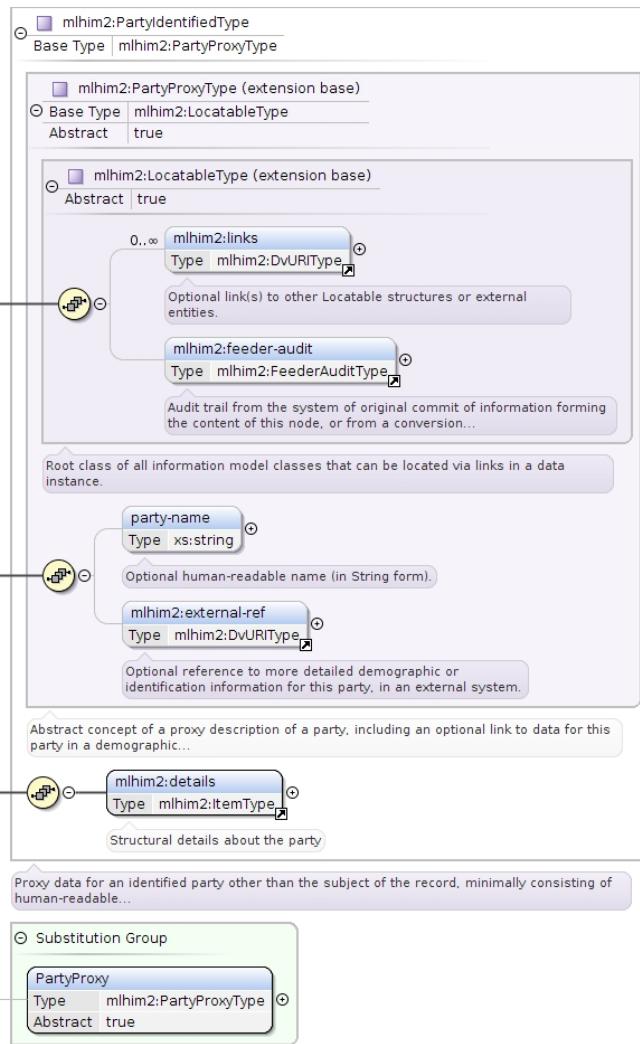


Type	<code>mlhim2:PartyProxyType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:LocatableType</code> • <code>mlhim2:PartyProxyType</code>
Properties	<p>content: complex</p> <p>abstract: true</p>
Substitution Group	<ul style="list-style-type: none"> • <code>mlhim2:PartyIdentified</code> • <code>mlhim2:PartySelf</code>
Substitution Group Affiliation	• <code>mlhim2:Locatable</code>
Model	<code>mlhim2:links*</code> , <code>mlhim2:feeder-audit{0,1}</code> , <code>mlhim2:party-name{0,1}</code> , <code>mlhim2:external-ref{0,1}</code>
Children	<code>mlhim2:external-ref</code> , <code>mlhim2:feeder-audit</code> , <code>mlhim2:links</code> , <code>mlhim2:party-name</code>
Instance	<pre><mlhim2:PartyProxy xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:party-name>{0,1}</mlhim2:party-name> <mlhim2:external-ref>{0,1}</mlhim2:external-ref> </mlhim2:PartyProxy></pre>
Source	<pre><xs:element abstract="true" name="PartyProxy" substitutionGroup="mlhim2:Locatable" type="mlhim2:PartyProxyType" /></pre>

Element `mlhim2:PartyIdentified`

Namespace	<code>http://www.mlhim.org/xmlns/mlhim2/2_4_1</code>
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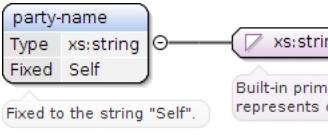
Diagram



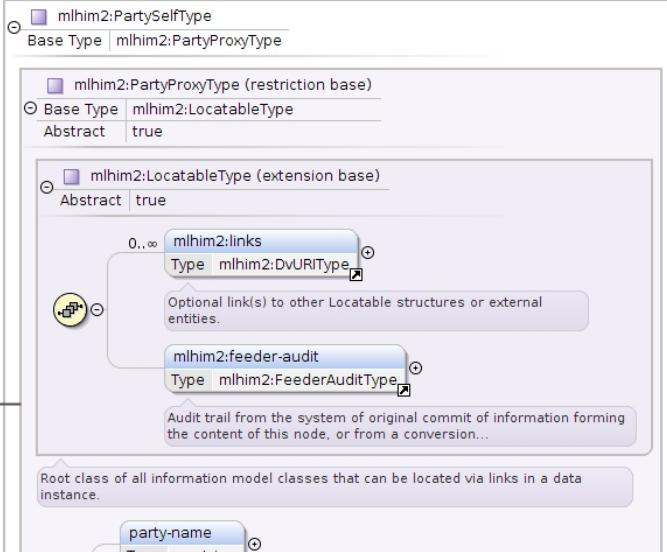
Type	<code>mlhim2:PartyIdentifiedType</code>
Type hierarchy	<ul style="list-style-type: none"> <code>mlhim2:LocatableType</code> <code>mlhim2:PartyProxyType</code> <code>mlhim2:PartyIdentifiedType</code>
Properties	content: complex
Substitution Group Affiliation	<code>mlhim2:PartyProxy</code>
Model	<code>mlhim2:links*</code> , <code>mlhim2:feeder-audit{0,1}</code> , <code>mlhim2:party-name{0,1}</code> , <code>mlhim2:external-ref{0,1}</code> , <code>mlhim2:details</code>
Children	<code>mlhim2:details</code> , <code>mlhim2:external-ref</code> , <code>mlhim2:feeder-audit</code> , <code>mlhim2:links</code> , <code>mlhim2:party-name</code>
Instance	<pre><mlhim2:PartyIdentified xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:party-name>{0,1}</mlhim2:party-name> <mlhim2:external-ref>{0,1}</mlhim2:external-ref> <mlhim2:details>{1,1}</mlhim2:details> </mlhim2:PartyIdentified></pre>
Source	<pre><xss:element name="PartyIdentified" substitutionGroup="mlhim2:PartyProxy" type="mlhim2:PartyIdentifiedType"/></pre>

Element `mlhim2:PartySelfType` / `mlhim2:party-name`

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Fixed to the string "Self".

Diagram	
Type	xs:string
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>fixed: Self</p>
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="party-name" type="xs:string" fixed="Self"> <xs:annotation> <xs:documentation>Fixed to the string "Self".</xs:documentation> </xs:annotation> </xs:element></pre>

Element mlhim2:PartySelf

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	
Type	mlhim2:PartySelfType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType • mlhim2:PartyProxyType

	<ul style="list-style-type: none"> • mlhim2:PartySelfType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:PartyProxy
Model	mlhim2:party-name
Children	mlhim2:party-name
Instance	<mlhim2:PartySelf xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:party-name>{1,1}</mlhim2:party-name> </mlhim2:PartySelf>
Source	<xss:element name="PartySelf" substitutionGroup="mlhim2:PartyProxy" type="mlhim2:PartySelfType"/>

Element mlhim2:NIType / mlhim2:ev-name

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Diagram									
Type	xs:string								
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>fixed:</td> <td>No Information</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	No Information
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	No Information								
Source	<xss:element fixed="No Information" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/>								

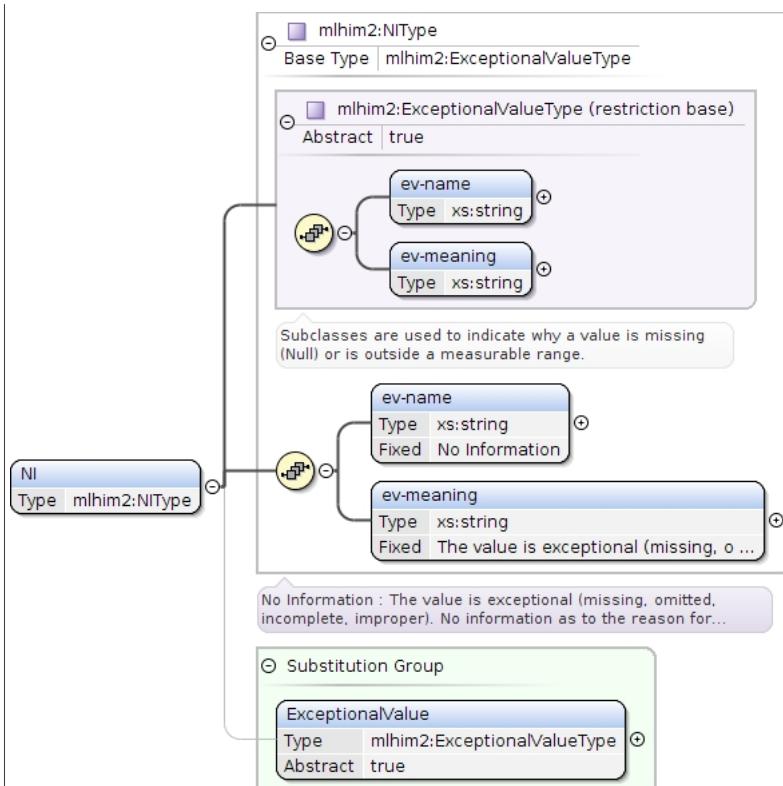
Element mlhim2:NIType / mlhim2:ev-meaning

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Diagram									
Type	xs:string								
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>fixed:</td> <td>The value is exceptional (missing, omitted, incomplete, improper). No information as to the reason for being an exceptional value is provided. This is the most general exceptional value. It is also the default exceptional value</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	The value is exceptional (missing, omitted, incomplete, improper). No information as to the reason for being an exceptional value is provided. This is the most general exceptional value. It is also the default exceptional value
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	The value is exceptional (missing, omitted, incomplete, improper). No information as to the reason for being an exceptional value is provided. This is the most general exceptional value. It is also the default exceptional value								
Source	<xss:element fixed="The value is exceptional (missing, omitted, incomplete, improper). No information as to the reason for being an exceptional value is provided. This is the most general exceptional value. It is also the default exceptional value " maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/>								

Element mlhim2:NI

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:NIType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:ExceptionalValueType</code> <ul style="list-style-type: none"> • <code>mlhim2:NIType</code>
Properties	content: complex
Substitution Group	Affiliation
Model	<code>mlhim2:ev-name</code> , <code>mlhim2:ev-meaning</code>
Children	<code>mlhim2:ev-meaning</code> , <code>mlhim2:ev-name</code>
Instance	<pre><mlhim2:NI xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:NI></pre>
Source	<pre><xss:element name="NI" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:NIType"/></pre>

Element `mlhim2:MSKType` / `mlhim2:ev-name`

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>The diagram shows the element <code>mlhim2:ev-name</code> with its type being <code>xs:string</code>. A note states: "Built-in primitive type. The string datatype represents character strings in XML."</p>
Type	<code>xs:string</code>
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>fixed: Masked</p>
Source	<pre><xss:element fixed="Masked" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/></pre>

Element `mlhim2:MSKType` / `mlhim2:ev-meaning`

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram	<p>ev-meaning Type xs:string Fixed There is information on this item av ...</p> <p>xs:string Built-in primitive type. The string datatype represents character strings in XML.</p>								
Type	xs:string								
Properties	<table border="1"> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> <tr> <td>fixed:</td><td>There is information on this item available but it has not been provided by the sender due to security, privacy or other reasons. There may be an alternate mechanism for gaining access to this information. Warning: Using this exceptional value does provide information that may be a breach of confidentiality, even though no detail data is provided. Its primary purpose is for those circumstances where it is necessary to inform the receiver that the information does exist without providing any detail</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	There is information on this item available but it has not been provided by the sender due to security, privacy or other reasons. There may be an alternate mechanism for gaining access to this information. Warning: Using this exceptional value does provide information that may be a breach of confidentiality, even though no detail data is provided. Its primary purpose is for those circumstances where it is necessary to inform the receiver that the information does exist without providing any detail
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	There is information on this item available but it has not been provided by the sender due to security, privacy or other reasons. There may be an alternate mechanism for gaining access to this information. Warning: Using this exceptional value does provide information that may be a breach of confidentiality, even though no detail data is provided. Its primary purpose is for those circumstances where it is necessary to inform the receiver that the information does exist without providing any detail								
Source	<pre><xs:element fixed="There is information on this item available but it has not been provided by the sender due to security, privacy or other reasons. There may be an alternate mechanism for gaining access to this information. Warning: Using this exceptional value does provide information that may be a breach of confidentiality, even though no detail data is provided. Its primary purpose is for those circumstances where it is necessary to inform the receiver that the information does exist without providing any detail" maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/></pre>								

Element mlhim2:MSK

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>mlhim2:MSKType Base Type mlhim2:ExceptionValueType</p> <p>mlhim2:ExceptionValueType (restriction base) Abstract true</p> <p>ev-name Type xs:string</p> <p>ev-meaning Type xs:string</p> <p>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p> <p>MSK Type mlhim2:MSKType</p> <p>ev-name Type xs:string Fixed Masked</p> <p>ev-meaning Type xs:string Fixed There is information on this item av ...</p> <p>Masked : There is information on this item available but it has not been provided by the sender due to security....</p> <p>Substitution Group</p> <p>ExceptionalValue Type mlhim2:ExceptionValueType Abstract true</p>
Type	mlhim2:MSKType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionValueType • mlhim2:MSKType
Properties	content: complex
Substitution Group Affiliation	<ul style="list-style-type: none"> • mlhim2:ExceptionalValue

Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Instance	<mlhim2:MSK xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:MSK>
Source	<x:element name="MSK" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:MSKType" />

Element mlhim2:INVTyPe / mlhim2:ev-name

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Diagram									
Type	xs:string								
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>fixed:</td> <td>Invalid</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	Invalid
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	Invalid								
Source	<x:element fixed="Invalid" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/>								

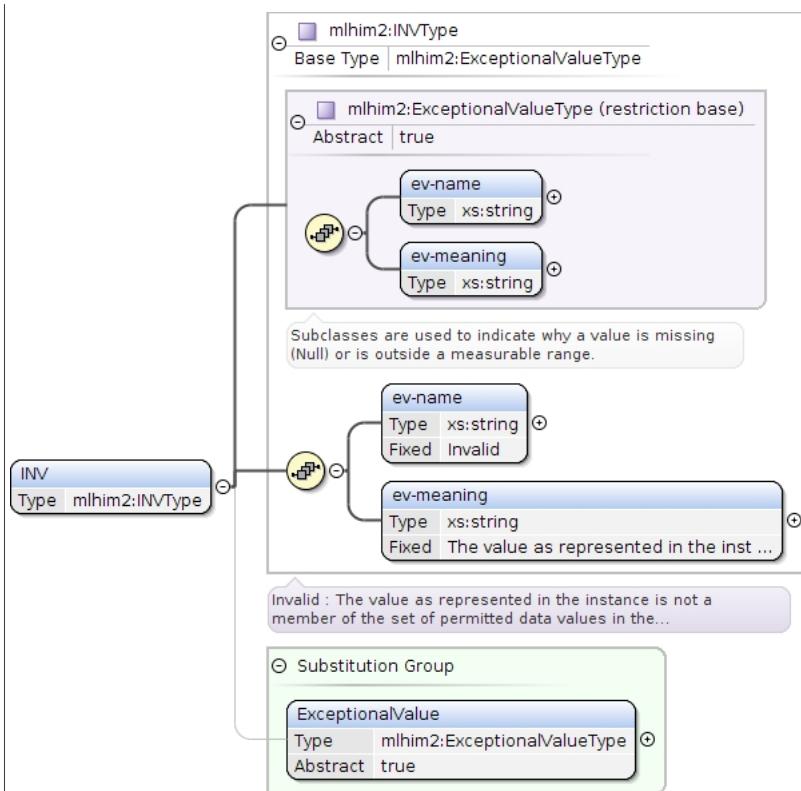
Element mlhim2:INVTyPe / mlhim2:ev-meaning

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Diagram									
Type	xs:string								
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>fixed:</td> <td>The value as represented in the instance is not a member of the set of permitted data values in the constrained value domain of a variable.</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	The value as represented in the instance is not a member of the set of permitted data values in the constrained value domain of a variable.
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	The value as represented in the instance is not a member of the set of permitted data values in the constrained value domain of a variable.								
Source	<x:element fixed="The value as represented in the instance is not a member of the set of permitted data values in the constrained value domain of a variable." maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/>								

Element mlhim2:INV

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



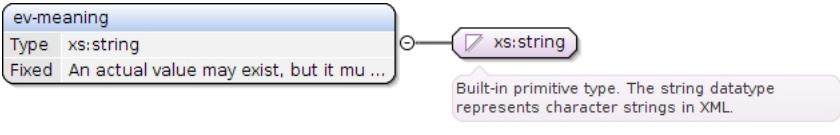
Type	mlhim2:INVType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType <ul style="list-style-type: none"> • mlhim2:INVType
Properties	content: complex
Substitution Group Affiliation	<ul style="list-style-type: none"> • mlhim2:ExceptionalValue
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Instance	<pre><mlhim2:INV xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:INV></pre>
Source	<pre><xss:element name="INV" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:INVType"/></pre>

Element mlhim2:DERType / mlhim2:ev-name

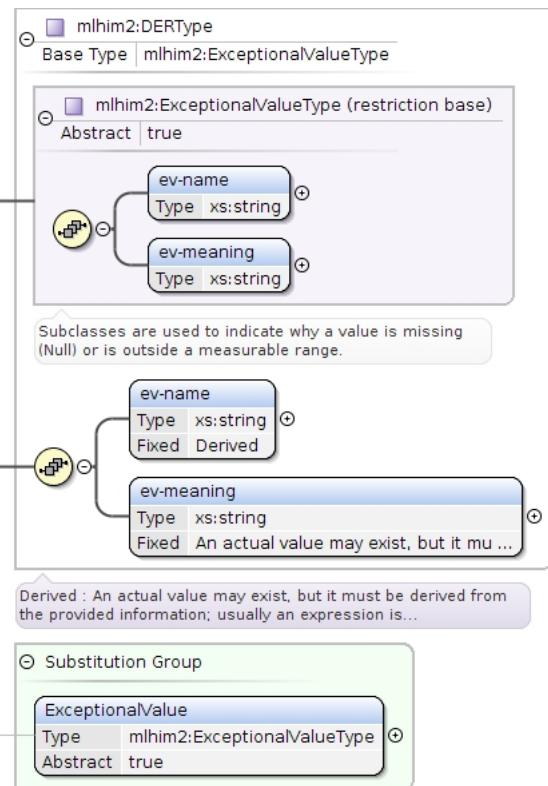
Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>ev-name Type xs:string Fixed Derived</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>fixed: Derived</p>
Source	<pre><xss:element fixed="Derived" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/></pre>

Element mlhim2:DERType / mlhim2:ev-meaning

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram	
Type	xs:string
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>fixed: An actual value may exist, but it must be derived from the provided information; usually an expression is provided directly.</p>
Source	<code><xss:element fixed="An actual value may exist, but it must be derived from the provided information; usually an expression is provided directly." maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/></code>

Element mlhim2:DER

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	
Type	mlhim2:DERType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType • mlhim2:DERType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:ExceptionalValue
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Instance	<code><mlhim2:DER xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:DER></code>
Source	<code><xss:element name="DER" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:DERType"/></code>

Element mlhim2:UNCType / mlhim2:ev-name

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Diagram	<p>The diagram shows the element 'ev-name' with the following properties:</p> <ul style="list-style-type: none"> Type: xs:string Fixed: Unencoded <p>A callout box provides the following information: "Built-in primitive type. The string datatype represents character strings in XML."</p>								
Type	xs:string								
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>fixed:</td> <td>Unencoded</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	Unencoded
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	Unencoded								
Source	<xs:element fixed="Unencoded" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/>								

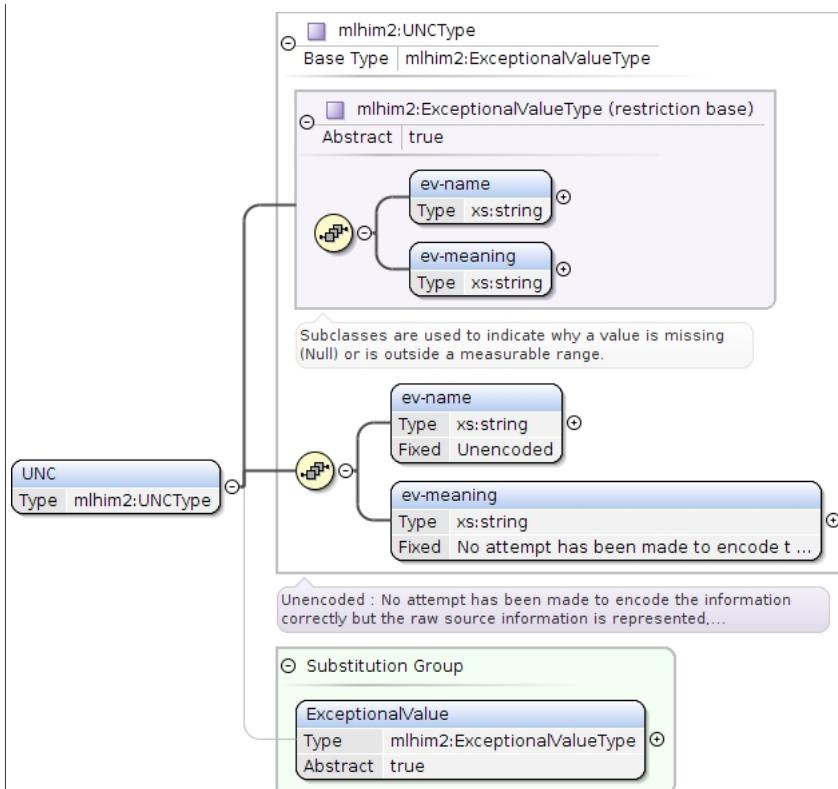
Element mlhim2:UNCType / mlhim2:ev-meaning

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Diagram	<p>The diagram shows the element 'ev-meaning' with the following properties:</p> <ul style="list-style-type: none"> Type: xs:string Fixed: No attempt has been made to encode t ... <p>A callout box provides the following information: "Built-in primitive type. The string datatype represents character strings in XML."</p>								
Type	xs:string								
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>fixed:</td> <td>No attempt has been made to encode the information correctly but the raw source information is represented, usually in free text</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	No attempt has been made to encode the information correctly but the raw source information is represented, usually in free text
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	No attempt has been made to encode the information correctly but the raw source information is represented, usually in free text								
Source	<xs:element fixed="No attempt has been made to encode the information correctly but the raw source information is represented, usually in free text" maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/>								

Element mlhim2:UNC

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:UNCType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:ExceptionalValueType</code> <ul style="list-style-type: none"> • <code>mlhim2:UNCType</code>
Properties	content: complex
Substitution Group Affiliation	• <code>mlhim2:ExceptionalValue</code>
Model	<code>mlhim2:ev-name</code> , <code>mlhim2:ev-meaning</code>
Children	<code>mlhim2:ev-meaning</code> , <code>mlhim2:ev-name</code>
Instance	<pre><mlhim2:UNC xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:UNC></pre>
Source	<code><xss:element name="UNC" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:UNCType"/></code>

Element `mlhim2:OTHType / mlhim2:ev-name`

Namespace	<code>http://www.mlhim.org/xmlns/mlhim2/2_4_1</code>
Diagram	<p>The diagram shows the attribute <code>ev-name</code> with type <code>xs:string</code>. A note explains: "Built-in primitive type. The string datatype represents character strings in XML."</p>
Type	<code>xs:string</code>
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>fixed: Other</p>
Source	<code><xss:element fixed="Other" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/></code>

Element `mlhim2:OTHType / mlhim2:ev-meaning`

Namespace	<code>http://www.mlhim.org/xmlns/mlhim2/2_4_1</code>
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Diagram	<p>ev-meaning Type xs:string Fixed The actual value is not a member of ...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>fixed: The actual value is not a member of the permitted data values in the variable. (e.g., when the value of the variable is not by the coding system)</p>
Source	<pre><xs:element fixed="The actual value is not a member of the permitted data values in the variable. (e.g., when the value of the variable is not by the coding system)" maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string" /></pre>

Element mlhim2:OTH

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>OTH Type mlhim2:OTHType</p> <p>mlhim2:OTHType Base Type mlhim2:ExceptionalValueType</p> <p>mlhim2:ExceptionalValueType (restriction base) Abstract true</p> <p>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p> <p>ev-name Type xs:string</p> <p>ev-meaning Type xs:string Fixed The actual value is not a member of ...</p> <p>Other The actual value is not a member of the permitted data values in the variable. (e.g., when the value of the...)</p> <p>Substitution Group</p> <p>ExceptionalValue Type mlhim2:ExceptionalValueType Abstract true</p>
Type	mlhim2:OTHType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType • mlhim2:OTHType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:ExceptionalValue
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Instance	<pre><mlhim2:OTH xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:OTH></pre>
Source	<pre><xs:element name="OTH" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:OTHType" /></pre>

Element mlhim2:NINFTYPE / mlhim2:ev-name

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>ev-name Type xs:string Fixed Negative Infinity</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Properties	content: simple minOccurs: 1 maxOccurs: 1 fixed: Negative Infinity
Source	<xs:element fixed="Negative Infinity" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/>

Element mlhim2:NINFTYPE / mlhim2:ev-meaning

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>ev-meaning Type xs:string Fixed Negative infinity of numbers</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Properties	content: simple minOccurs: 1 maxOccurs: 1 fixed: Negative infinity of numbers
Source	<xs:element fixed="Negative infinity of numbers" maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/>

Element mlhim2:NINF

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>NINF Type mlhim2:NINFTYPE</p> <p>mlhim2:NINFTYPE Base Type mlhim2:ExceptionalValueType</p> <p>mlhim2:ExceptionalValueType (restriction base) Abstract true</p> <p>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p> <p>ev-name Type xs:string Fixed Negative Infinity</p> <p>ev-meaning Type xs:string Fixed Negative infinity of numbers</p> <p>Negative Infinity : Negative infinity of numbers</p> <p>Substitution Group</p> <p>ExceptionalValue Type mlhim2:ExceptionalValueType Abstract true</p>

Type	mlhim2:NINFTYPE
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType • mlhim2:NINFTYPE
Properties	content: complex
Substitution Group Affiliation	mlhim2:ExceptionalValue
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Instance	<pre><mlhim2:NINF xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:NINF></pre>
Source	<code><x:element name="NINF" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:NINFTYPE"/></code>

Element mlhim2:PINFTYPE / mlhim2:ev-name

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Diagram	<p>The diagram shows a class named 'ev-name' with a multiplicity circle at its end, indicating it is a simple type. It is associated with a box labeled 'xs:string'. A callout bubble points to the 'xs:string' box with the text: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>								
Type	xs:string								
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>fixed:</td> <td>Positive Infinity</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	Positive Infinity
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	Positive Infinity								
Source	<code><x:element fixed="Positive Infinity" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/></code>								

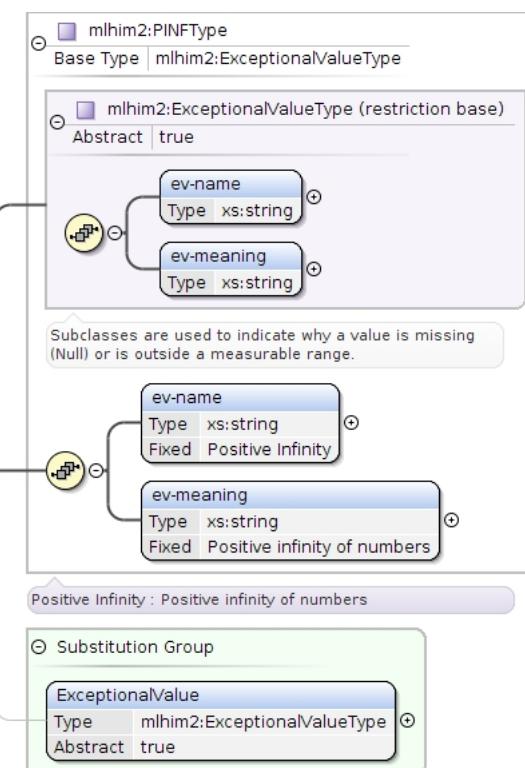
Element mlhim2:PINFTYPE / mlhim2:ev-meaning

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Diagram	<p>The diagram shows a class named 'ev-meaning' with a multiplicity circle at its end, indicating it is a simple type. It is associated with a box labeled 'xs:string'. A callout bubble points to the 'xs:string' box with the text: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>								
Type	xs:string								
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>fixed:</td> <td>Positive infinity of numbers</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	Positive infinity of numbers
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	Positive infinity of numbers								
Source	<code><x:element fixed="Positive infinity of numbers" maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/></code>								

Element mlhim2:PINF

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

Type `mlhim2:PINFTYPE`Type hierarchy

- `mlhim2:ExceptionalValueType`
- `mlhim2:PINFTYPE`

Properties content: complex

Substitution Group Affiliation

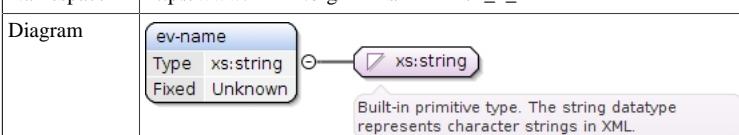
- `mlhim2:ExceptionalValue`

Model `mlhim2:ev-name`, `mlhim2:ev-meaning`Children `mlhim2:ev-meaning`, `mlhim2:ev-name`Instance

```
<mlhim2:PINF xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1">
  <mlhim2:ev-name>{1,1}</mlhim2:ev-name>
  <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning>
</mlhim2:PINF>
```

Source

```
<xs:element name="PINF" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:PINFTYPE"/>
```

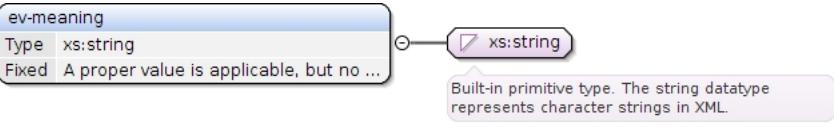
Element `mlhim2:UNKType / mlhim2:ev-name`Namespace http://www.mlhim.org/xmlns/mlhim2/2_4_1Type `xs:string`Properties content: simple

- minOccurs: 1
- maxOccurs: 1
- fixed: Unknown

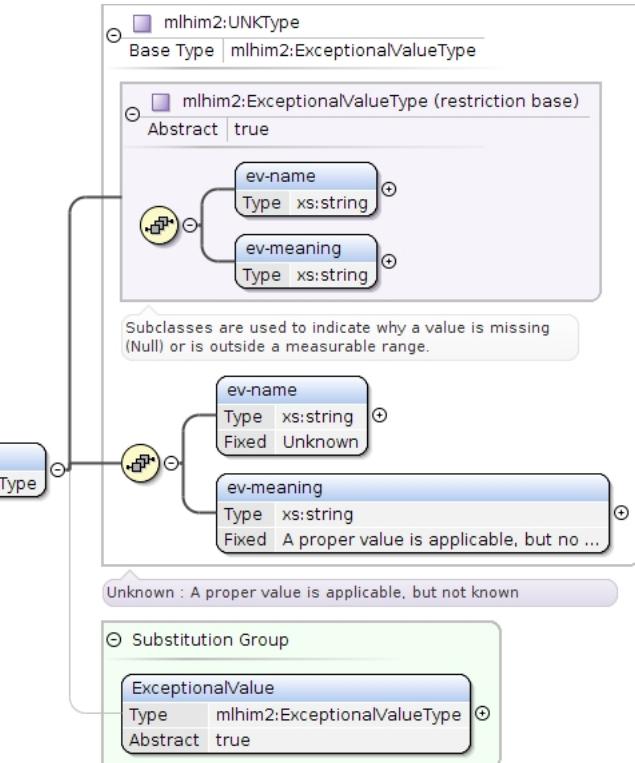
Source

```
<xs:element fixed="Unknown" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/>
```

Element `mlhim2:UNKType / mlhim2:ev-meaning`Namespace http://www.mlhim.org/xmlns/mlhim2/2_4_1

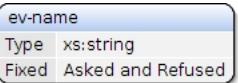
Diagram	
Type	xs:string
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>fixed: A proper value is applicable, but not known</p>
Source	<xs:element fixed="A proper value is applicable, but not known" maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/>

Element mlhim2:UNK

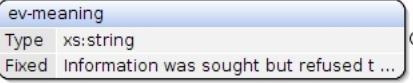
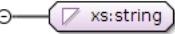
Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	
Type	mlhim2:UNKType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType <ul style="list-style-type: none"> • mlhim2:UNKType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:ExceptionalValue
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Instance	<mlhim2:UNK xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:UNK>
Source	<xs:element name="UNK" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:UNKType"/>

Element mlhim2:ASKRTType / mlhim2:ev-name

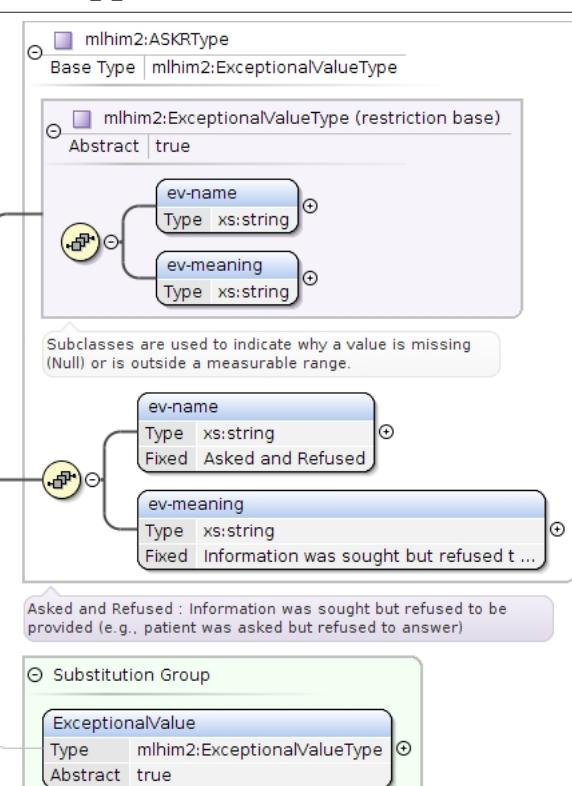
Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram	  Built-in primitive type. The string datatype represents character strings in XML.
Type	xs:string
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>fixed: Asked and Refused</p>
Source	<code><xs:element fixed="Asked and Refused" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/></code>

Element mlhim2:ASKRTType / mlhim2:ev-meaning

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	  Built-in primitive type. The string datatype represents character strings in XML.
Type	xs:string
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>fixed: Information was sought but refused to be provided (e.g., patient was asked but refused to answer)</p>
Source	<code><xs:element fixed="Information was sought but refused to be provided (e.g., patient was asked but refused to answer)" maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/></code>

Element mlhim2:ASKR

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	

Type	mlhim2:ASKRTyp
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType • mlhim2:ASKRTyp
Properties	content: complex
Substitution Group Affiliation	mlhim2:ExceptionalValue
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Instance	<pre><mlhim2:ASKR xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:ASKR></pre>
Source	<code><x:element name="ASKR" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:ASKRTyp"/></code>

Element mlhim2:NASKType / mlhim2:ev-name

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Diagram									
Type	xs:string								
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>fixed:</td> <td>Not Asked</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	Not Asked
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	Not Asked								
Source	<code><x:element fixed="Not Asked" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/></code>								

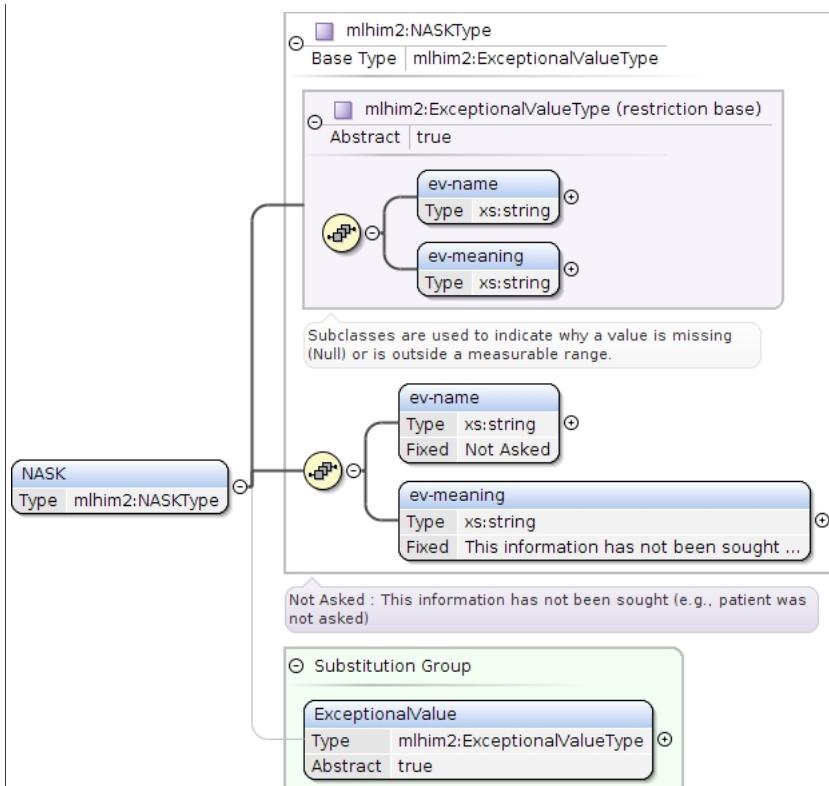
Element mlhim2:NASKType / mlhim2:ev-meaning

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Diagram									
Type	xs:string								
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>fixed:</td> <td>This information has not been sought (e.g., patient was not asked).</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	This information has not been sought (e.g., patient was not asked).
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	This information has not been sought (e.g., patient was not asked).								
Source	<code><x:element fixed="This information has not been sought (e.g., patient was not asked)." maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/></code>								

Element mlhim2:NASK

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:NASKType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:ExceptionalValueType</code> <ul style="list-style-type: none"> • <code>mlhim2:NASKType</code>
Properties	content: complex
Substitution Group Affiliation	<ul style="list-style-type: none"> • <code>mlhim2:ExceptionalValue</code>
Model	<code>mlhim2:ev-name</code> , <code>mlhim2:ev-meaning</code>
Children	<code>mlhim2:ev-meaning</code> , <code>mlhim2:ev-name</code>
Instance	<pre><mlhim2:NASK xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:NASK></pre>
Source	<pre><xss:element name="NASK" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:NASKType" /></pre>

Element `mlhim2:QSType` / `mlhim2:ev-name`

Namespace	<code>http://www.mlhim.org/xmlns/mlhim2/2_4_1</code>
Diagram	<p>The diagram shows the type mapping for <code>mlhim2:ev-name</code>:</p> <ul style="list-style-type: none"> <code>ev-name</code> (Type: <code>xs:string</code>, Fixed: Sufficient Quantity) <code>xs:string</code> (Built-in primitive type. The string datatype represents character strings in XML.)
Type	<code>xs:string</code>
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>fixed: Sufficient Quantity</p>
Source	<pre><xss:element fixed="Sufficient Quantity" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string" /></pre>

Element mlhim2:QSType / mlhim2:ev-meaning

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Diagram	<p>The diagram shows the element <code>ev-meaning</code> with the type <code>xs:string</code>. A callout box indicates that <code>xs:string</code> is a built-in primitive type representing character strings in XML.</p>								
Type	<code>xs:string</code>								
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>fixed:</td> <td>The specific quantity is not known, but is known to non-zero and it is not specified because it makes up the bulk of the material; Add 10mg of ingredient X, 50mg of ingredient Y and sufficient quantity of water to 100mL.</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	The specific quantity is not known, but is known to non-zero and it is not specified because it makes up the bulk of the material; Add 10mg of ingredient X, 50mg of ingredient Y and sufficient quantity of water to 100mL.
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	The specific quantity is not known, but is known to non-zero and it is not specified because it makes up the bulk of the material; Add 10mg of ingredient X, 50mg of ingredient Y and sufficient quantity of water to 100mL.								
Source	<pre><xs:element fixed="The specific quantity is not known, but is known to non-zero and it is not specified because it makes up the bulk of the material; Add 10mg of ingredient X, 50mg of ingredient Y and sufficient quantity of water to 100mL." maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/></pre>								

Element mlhim2:QS

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>The diagram illustrates the inheritance structure of <code>mlhim2:ExceptionalValueType</code>. It shows <code>mlhim2:QSType</code> as a base type, which is a restriction of <code>mlhim2:ExceptionalValueType</code>. <code>mlhim2:ExceptionalValueType</code> is an abstract type with subclasses <code>ev-name</code> and <code>ev-meaning</code>, both of type <code>xs:string</code>. <code>ev-meaning</code> has a fixed value of "The specific quantity is not known, ...". <code>QS</code> is another instance of <code>mlhim2:QSType</code>. A callout box notes that subclasses indicate missing or invalid values. Another callout box for <code>ev-meaning</code> specifies its purpose: "Sufficient Quantity : The specific quantity is not known, but is known to non-zero and it is not specified because it...". A substitution group for <code>ExceptionalValue</code> is also shown.</p>
Type	<code>mlhim2:QSType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:ExceptionalValueType</code> <ul style="list-style-type: none"> • <code>mlhim2:QSType</code>
Properties	content: complex
Substitution Group Affiliation	<ul style="list-style-type: none"> • <code>mlhim2:ExceptionalValue</code>
Model	<code>mlhim2:ev-name , mlhim2:ev-meaning</code>

Children	mlhim2:ev-meaning, mlhim2:ev-name
Instance	<mlhim2:QS xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:QS>
Source	<xss:element name="QS" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:QSType"/>

Element mlhim2:TRCType / mlhim2:ev-name

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Diagram	<p>The diagram shows a box labeled "ev-name" with a "Type" field containing "xs:string". Below this, there are two options: "Fixed" and "Trace". A line connects "ev-name" to a box labeled "xs:string". A callout bubble next to "xs:string" states: "Built-in primitive type. The string datatype represents character strings in XML."</p>								
Type	xs:string								
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>fixed:</td> <td>Trace</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	Trace
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	Trace								
Source	<xss:element fixed="Trace" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/>								

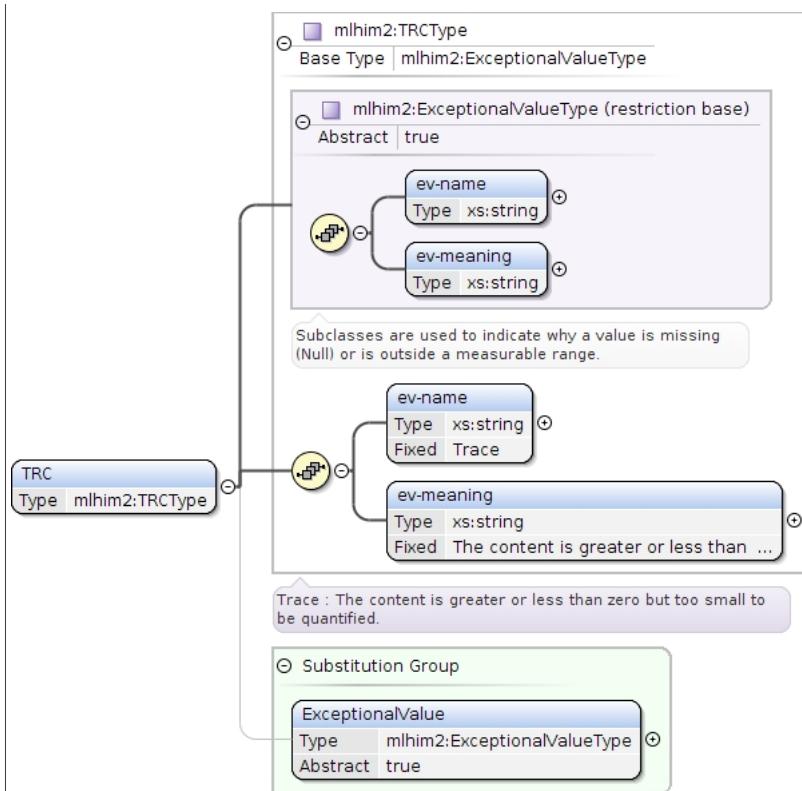
Element mlhim2:TRCType / mlhim2:ev-meaning

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Diagram	<p>The diagram shows a box labeled "ev-meaning" with a "Type" field containing "xs:string". Below this, there are two options: "Fixed" and "The content is greater or less than ...". A line connects "ev-meaning" to a box labeled "xs:string". A callout bubble next to "xs:string" states: "Built-in primitive type. The string datatype represents character strings in XML."</p>								
Type	xs:string								
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>fixed:</td> <td>The content is greater or less than zero but too small to be quantified.</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	The content is greater or less than zero but too small to be quantified.
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	The content is greater or less than zero but too small to be quantified.								
Source	<xss:element fixed="The content is greater or less than zero but too small to be quantified." maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/>								

Element mlhim2:TRC

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:TRCType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:ExceptionalValueType</code> <ul style="list-style-type: none"> • <code>mlhim2:TRCType</code>
Properties	content: complex
Substitution Group Affiliation	<ul style="list-style-type: none"> • <code>mlhim2:ExceptionalValue</code>
Model	<code>mlhim2:ev-name</code> , <code>mlhim2:ev-meaning</code>
Children	<code>mlhim2:ev-meaning</code> , <code>mlhim2:ev-name</code>
Instance	<pre><mlhim2:TRC xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:TRC></pre>
Source	<code><xss:element name="TRC" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:TRCType"/></code>

Element `mlhim2:ASKUType / mlhim2:ev-name`

Namespace	<code>http://www.mlhim.org/xmlns/mlhim2/2_4_1</code>
Diagram	<p>The diagram shows the mapping of the <code>ev-name</code> element to the <code>xs:string</code> datatype. A note states: "Built-in primitive type. The string datatype represents character strings in XML."</p>
Type	<code>xs:string</code>
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>fixed: Asked but Unknown</p>
Source	<code><xss:element fixed="Asked but Unknown" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/></code>

Element `mlhim2:ASKUType / mlhim2:ev-meaning`

Namespace	<code>http://www.mlhim.org/xmlns/mlhim2/2_4_1</code>
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Diagram	<p>ev-meaning Type xs:string Fixed Information was sought but not found ...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>fixed: Information was sought but not found (e.g., patient was asked but did not know).</p>
Source	<xss:element fixed="Information was sought but not found (e.g., patient was asked but did not know)." maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/>

Element mlhim2:ASKU

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>mlhim2:ASKUType Base Type mlhim2:ExceptionalValueType</p> <p>mlhim2:ExceptionalValueType (restriction base) Abstract true</p> <p>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p> <p>ASKU Type mlhim2:ASKUType</p> <p>Asked but Unknown : Information was sought but not found (e.g., patient was asked but did not know)</p> <p>Substitution Group</p> <p>ExceptionalValue Type mlhim2:ExceptionalValueType Abstract true</p>
Type	mlhim2:ASKUType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType <ul style="list-style-type: none"> • mlhim2:ASKUType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:ExceptionalValue
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Instance	<mlhim2:ASKU xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:ASKU>
Source	<xss:element name="ASKU" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:ASKUType"/>

Element mlhim2:NAVType / mlhim2:ev-name

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Diagram	<p>ev-name Type xs:string Fixed Not Available</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>								
Type	xs:string								
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>fixed:</td> <td>Not Available</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	Not Available
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	Not Available								
Source	<xss:element fixed="Not Available" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/>								

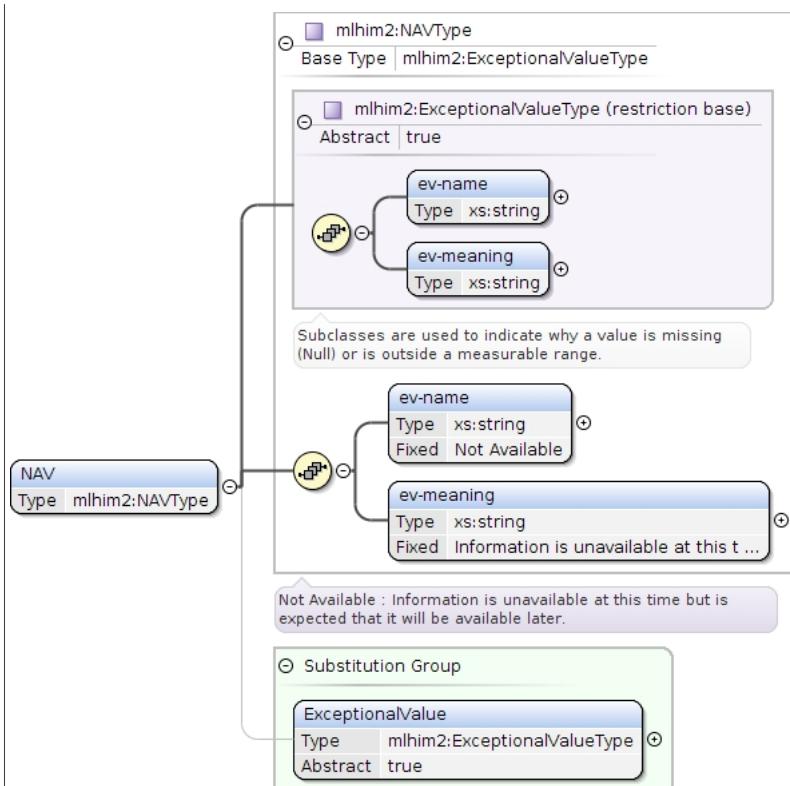
Element mlhim2:NAVType / mlhim2:ev-meaning

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1								
Diagram	<p>ev-meaning Type xs:string Fixed Information is unavailable at this t ...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>								
Type	xs:string								
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>fixed:</td> <td>Information is unavailable at this time but is expected that it will be available later.</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	fixed:	Information is unavailable at this time but is expected that it will be available later.
content:	simple								
minOccurs:	1								
maxOccurs:	1								
fixed:	Information is unavailable at this time but is expected that it will be available later.								
Source	<xss:element fixed="Information is unavailable at this time but is expected that it will be available later." maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/>								

Element mlhim2:NAV

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:NAVType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:ExceptionalValueType</code> <ul style="list-style-type: none"> • <code>mlhim2:NAVType</code>
Properties	content: complex
Substitution Group Affiliation	<ul style="list-style-type: none"> • <code>mlhim2:ExceptionalValue</code>
Model	<code>mlhim2:ev-name</code> , <code>mlhim2:ev-meaning</code>
Children	<code>mlhim2:ev-meaning</code> , <code>mlhim2:ev-name</code>
Instance	<pre><mlhim2:NAV xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:NAV></pre>
Source	<pre><xss:element name="NAV" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:NAVType"/></pre>

Element `mlhim2:NAType / mlhim2:ev-name`

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>The diagram shows the type hierarchy for <code>mlhim2:ev-name</code>. It includes a relationship to the built-in primitive type <code>xs:string</code>.</p>
Type	<code>xs:string</code>
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>fixed: Not Applicable</p>
Source	<pre><xss:element fixed="Not Applicable" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/></pre>

Element `mlhim2:NAType / mlhim2:ev-meaning`

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram	<p>ev-meaning Type xs:string Fixed No proper value is applicable in thi ...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>fixed: No proper value is applicable in this context e.g., the number of cigarettes smoked per day by a non-smoker subject.</p>
Source	<pre><xss:element fixed="No proper value is applicable in this context e.g., the number of cigarettes smoked per day by a non-smoker subject." maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/></pre>

Element mlhim2:NA

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>mlhim2:NAType Base Type mlhim2:ExceptionalValueType</p> <p>mlhim2:ExceptionalValueType (restriction base) Abstract true</p> <p>ev-name Type xs:string</p> <p>ev-meaning Type xs:string</p> <p>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p> <p>NA Type mlhim2:NAType</p> <p>Not Applicable : No proper value is applicable in this context e.g., the number of cigarettes smoked per day by a...</p> <p>Substitution Group</p> <p>ExceptionalValue Type mlhim2:ExceptionalValueType Abstract true</p>
Type	mlhim2:NAType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType <ul style="list-style-type: none"> • mlhim2:NAType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:ExceptionalValue
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Instance	<pre><mlhim2:NA xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:ev-name>{1,1}</mlhim2:ev-name> <mlhim2:ev-meaning>{1,1}</mlhim2:ev-meaning> </mlhim2:NA></pre>
Source	<pre><xss:element name="NA" substitutionGroup="mlhim2:ExceptionalValue" type="mlhim2:NAType"/></pre>

Element mlhim2:Item

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1				
Diagram					
Type	mlhim2:ItemType				
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType <ul style="list-style-type: none"> • mlhim2:DefinitionType • mlhim2:ItemType 				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>abstract:</td> <td>true</td> </tr> </table>	content:	complex	abstract:	true
content:	complex				
abstract:	true				
Substitution Group Affiliation	• mlhim2:Definition				
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}				
Children	mlhim2:feeder-audit, mlhim2:links				
Instance	<pre><mlhim2:Item xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> </mlhim2:Item></pre>				
Source	<pre><xss:element abstract="true" name="Item" substitutionGroup="mlhim2:Definition" type="mlhim2:ItemType"/></pre>				

Element mlhim2:SlotType / mlhim2:slot-name

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	String name identifying this slot.
Diagram	
Type	xs:string
Properties	content: simple

	minOccurs: 1 maxOccurs: 1
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="slot-name" type="xs:string"> <xs:annotation> <xs:documentation>String name identifying this slot.</xs:documentation> </xs:annotation> </xs:element></pre>

Element mlhim2:slot-data

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<pre> classDiagram class mlhim2:SlotDataType { attribute is-required : xs:boolean attribute ccd-uri : xs:anyURI } slot-data : mlhim2:SlotDataType slot-data --> mlhim2:SlotDataType </pre>
Type	mlhim2:SlotDataType
Properties	content: complex
Used by	Complex Type mlhim2:SlotType
Model	mlhim2:is-required , mlhim2:ccd-uri
Children	mlhim2:ccd-uri, mlhim2:is-required
Instance	<pre><mlhim2:slot-data xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:is-required>{1,1}</mlhim2:is-required> <mlhim2:ccd-uri>{1,1}</mlhim2:ccd-uri> </mlhim2:slot-data></pre>
Source	<pre><xs:element name="slot-data" type="mlhim2:SlotDataType"/></pre>

Element mlhim2:SlotDataType / mlhim2:is-required

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<pre> classDiagram class xs:boolean is-required : xs:boolean is-required --> xs:boolean note over is-required : Built-in primitive type. It defines the boolean values true and false. </pre>
Type	xs:boolean
Properties	content: simple minOccurs: 1 maxOccurs: 1 default: 0
Source	<pre><xs:element maxOccurs="1" minOccurs="1" default="0" name="is-required" type="xs:boolean"/></pre>

Element mlhim2:SlotDataType / mlhim2:ccd-uri

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<pre> classDiagram class xs:anyURI ccd-uri : xs:anyURI ccd-uri --> xs:anyURI note over ccd-uri : Built-in primitive type. The anyURI datatype represents a Uniform Resource Identifier Reference (URI). </pre>
Type	xs:anyURI
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="ccd-uri" type="xs:anyURI"/></pre>

Element mlhim2:Slot

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>The diagram illustrates the UML class structure for the <code>mlhim2:SlotType</code>. It shows inheritance from <code>mlhim2:ItemBase</code>, <code>mlhim2:DefinitionType</code>, and <code>mlhim2:LocatableType</code>. The <code>mlhim2:SlotType</code> class has the following slots:</p> <ul style="list-style-type: none"> <code>mlhim2:links</code>: Type <code>mlhim2:DvURIType</code>, multiplicity <code>0..oo</code>. Description: "Optional link(s) to other Locatable structures or external entities." <code>mlhim2:feeder-audit</code>: Type <code>mlhim2:FeederAuditType</code>, multiplicity <code>0..1</code>. Description: "Audit trail from the system of original commit of information forming the content of this node, or from a conversion..." <code>slot-name</code>: Type <code>xs:string</code>, multiplicity <code>1..1</code>. Description: "String name identifying this slot." <code>mlhim2:slot-data</code>: Type <code>mlhim2:SlotDataType</code>, multiplicity <code>1..oo</code>. Description: "A list of valid ccds for this Slot. Each maybe optionally marked as required in the Slot." <code>mlhim2:Definition</code>: Type <code>mlhim2:DefinitionType</code>, multiplicity <code>0..1</code>. Description: "A structure allowing the inclusion of one CCD inside a CCD. The possible CCDs allowed is restricted to those CCDs in..."
Type	<code>mlhim2:SlotType</code>
Type hierarchy	<ul style="list-style-type: none"> <code>mlhim2:LocatableType</code> <code>mlhim2:DefinitionType</code> <code>mlhim2:ItemType</code> <code>mlhim2:SlotType</code>
Properties	content: complex
Substitution Group Affiliation	<code>mlhim2:Definition</code>
Model	<code>mlhim2:links*</code> , <code>mlhim2:feeder-audit{0,1}</code> , <code>mlhim2:slot-name</code> , <code>mlhim2:slot-data+</code>
Children	<code>mlhim2:feeder-audit</code> , <code>mlhim2:links</code> , <code>mlhim2:slot-data</code> , <code>mlhim2:slot-name</code>
Instance	<pre><mlhim2:Slot xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:slot-name>{1,1}</mlhim2:slot-name> <mlhim2:slot-data>{1,unbounded}</mlhim2:slot-data> </mlhim2:Slot></pre>
Source	<code><xss:element name="Slot" substitutionGroup="mlhim2:Item mlhim2:Definition" type="mlhim2:SlotType"/></code>

Element mlhim2:ClusterType / mlhim2:cluster-subject

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	Descriptive name of this branch.						
Diagram	<p>cluster-subject Type xs:string</p> <p>Descriptive name of this branch.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>						
Type	xs:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="cluster-subject" type="xs:string"> <xs:annotation> <xs:documentation>Descriptive name of this branch.</xs:documentation> </xs:annotation> </xs:element></pre>						

Element mlhim2:items

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>mlhim2:ItemType Base Type mlhim2:DefinitionType Abstract true</p> <p>mlhim2:DefinitionType (extension base) Base Type mlhim2:LocatableType Abstract true</p> <p>mlhim2:LocatableType (extension base) Abstract true</p> <p>mlhim2:links Type mlhim2:DvURIType</p> <p>Optional link(s) to other Locatable structures or external entities.</p> <p>mlhim2:feeder-audit Type mlhim2:FeederAuditType</p> <p>Audit trail from the system of original commit of information forming the content of this node, or from a conversion...</p> <p>Root class of all information model classes that can be located via links in a data instance.</p> <p>Root class of all structural information model classes that can be expressed in a constraint model. IOW: as the value...</p> <p>The abstract parent of Event, Slot, Cluster and Element representation classes.</p>
Type	mlhim2:ItemType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType • mlhim2:DefinitionType • mlhim2:ItemType
Properties	content: complex
Used by	Complex Type mlhim2:ClusterType
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}
Children	mlhim2:feeder-audit, mlhim2:links
Instance	<pre><mlhim2:items xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> </mlhim2:items></pre>
Source	<pre><xs:element name="items" type="mlhim2:ItemType" /></pre>

Element mlhim2:Cluster

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>The diagram illustrates the UML class structure for <code>mlhim2:ClusterType</code>. It shows inheritance from <code>mlhim2:ItemBase</code>, <code>mlhim2:LocatableType</code>, and <code>mlhim2:DefinitionType</code>. The class is abstract (<code>Abstract: true</code>). It has associations with <code>mlhim2:links</code> (multiplicity 0..∞, type <code>mlhim2:DvURIType</code>), <code>mlhim2:feeder-audit</code> (multiplicity 0..1, type <code>mlhim2:FeederAuditType</code>), <code>mlhim2:cluster-subject</code> (multiplicity 1..∞, type <code>xs:string</code>), and <code>mlhim2:items</code> (multiplicity 1..∞, type <code>mlhim2:ItemType</code>). A note states: "The grouping variant of item, which may contain further instances of item, in an ordered list. This provides the root...".</p>
Type	<code>mlhim2:ClusterType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:LocatableType</code> • <code>mlhim2:DefinitionType</code> • <code>mlhim2:ItemType</code> • <code>mlhim2:ClusterType</code>
Properties	content: complex
Substitution Group Affiliation	<code>mlhim2:Definition</code>
Model	<code>mlhim2:links*</code> , <code>mlhim2:feeder-audit{0,1}</code> , <code>mlhim2:cluster-subject</code> , <code>mlhim2:items+</code>
Children	<code>mlhim2:cluster-subject</code> , <code>mlhim2:feeder-audit</code> , <code>mlhim2:items</code> , <code>mlhim2:links</code>
Instance	<pre><mlhim2:Cluster xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:cluster-subject>{1,1}</mlhim2:cluster-subject> <mlhim2:items>{1,unbounded}</mlhim2:items> </mlhim2:Cluster></pre>
Source	<pre><xss:element name="Cluster" substitutionGroup="mlhim2:Item mlhim2:Definition" type="mlhim2:ClusterType"/></pre>

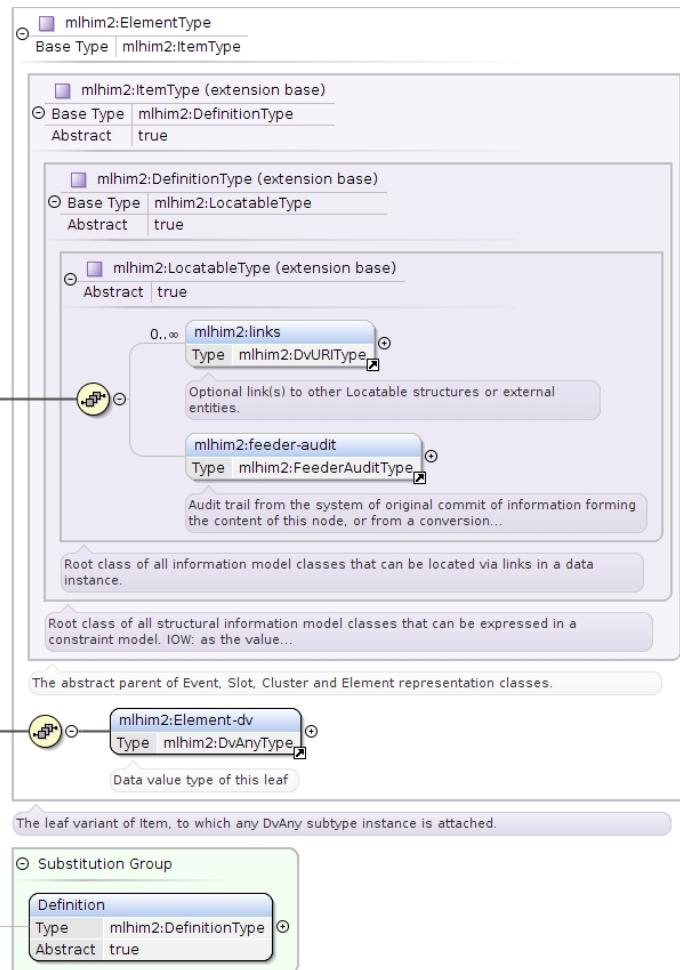
Element mlhim2:Element-dv

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>The diagram illustrates the structure of the <code>mlhim2:Element-dv</code> element. It is a complex type (<code>mlhim2:DvAnyType</code>) with the following components:</p> <ul style="list-style-type: none"> data-name: Type <code>xs:string</code>. Descriptive name of this fragment. mlhim2:ExceptionalValue: Type <code>mlhim2:ExceptionalValueType</code>, Abstract true. The exceptional value. Often referred to as Null Flavour. valid-time-begin: Type <code>xs:dateTime</code>. If present this must be a valid datetime including timezone. valid-time-end: Type <code>xs:dateTime</code>. If present this must be a valid datetime including timezone. <p>A note at the bottom states: "Serves as a common ancestor of all datatypes in MLHIM models."</p>
Type	<code>mlhim2:DvAnyType</code>
Properties	content: complex
Used by	Complex Type <code>mlhim2:ElementType</code>
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code>
Children	<code>mlhim2:ExceptionalValue</code> , <code>mlhim2:data-name</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code>
Instance	<pre><mlhim2:Element-dv xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> </mlhim2:Element-dv></pre>
Source	<code><xss:element name="Element-dv" type="mlhim2:DvAnyType" /></code>

Element mlhim2:Element

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:ElementType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:LocatableType</code> <ul style="list-style-type: none"> • <code>mlhim2:DefinitionType</code> <ul style="list-style-type: none"> • <code>mlhim2:ItemType</code> • <code>mlhim2:ElementType</code>
Properties	content: complex
Substitution Group Affiliation	• <code>mlhim2:Definition</code>
Model	<code>mlhim2:links*</code> , <code>mlhim2:feeder-audit{0,1}</code> , <code>mlhim2:Element-dv</code>
Children	<code>mlhim2:Element-dv</code> , <code>mlhim2:feeder-audit</code> , <code>mlhim2:links</code>
Instance	<pre><mlhim2:Element xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:Element-dv>{1,1}</mlhim2:Element-dv> </mlhim2:Element></pre>
Source	<pre><xss:element name="Element" substitutionGroup="mlhim2:Item mlhim2:Definition" type="mlhim2:ElementType"/></pre>

Element `mlhim2:EntryType` / `mlhim2:language`

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Mandatory indicator of the localised language in which this Entry is written. The ·value space· of language is the set of all strings that are valid language identifiers as defined [RFC 3066] .

Diagram	<p>The diagram illustrates the xs:language type mapping. It shows a box labeled "language" with "Type xs:language" and "Default en-US". An arrow points from this box to another box labeled "xs:language". A callout bubble provides a detailed description: "Built-in derived type. The language datatype represents natural language identifiers as defined by [RFC 1766]. The base..."</p>
Type	xs:language
Properties	content: simple minOccurs: 1 maxOccurs: 1 default: en-US
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="language" type="xs:language" default="en-US"> <xs:annotation> <xs:documentation>Mandatory indicator of the localised language in which this Entry is written. The .value space. of language is the set of all strings that are valid language identifiers as defined [RFC 3066] .</xs:documentation> </xs:annotation> </xs:element></pre>

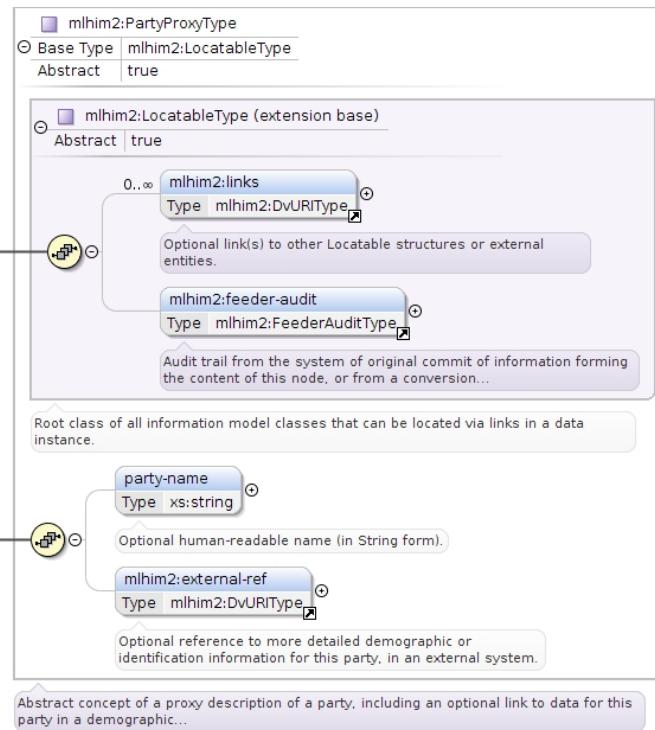
Element mlhim2:EntryType / mlhim2:encoding

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Name of character set encoding in which text values in this Entry are encoded. Default is utf-8.
Diagram	<p>The diagram illustrates the xs:string type mapping. It shows a box labeled "encoding" with "Type xs:string" and "Default utf-8". An arrow points from this box to another box labeled "xs:string". A callout bubble provides a detailed description: "Built-in primitive type. The string datatype represents character strings in XML."</p>
Type	xs:string
Properties	content: simple minOccurs: 1 maxOccurs: 1 default: utf-8
Source	<pre><xs:element maxOccurs="1" minOccurs="1" name="encoding" type="xs:string" default="utf-8"> <xs:annotation> <xs:documentation>Name of character set encoding in which text values in this Entry are encoded. Default is utf-8.</xs:documentation> </xs:annotation> </xs:element></pre>

Element mlhim2:entry-subject

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

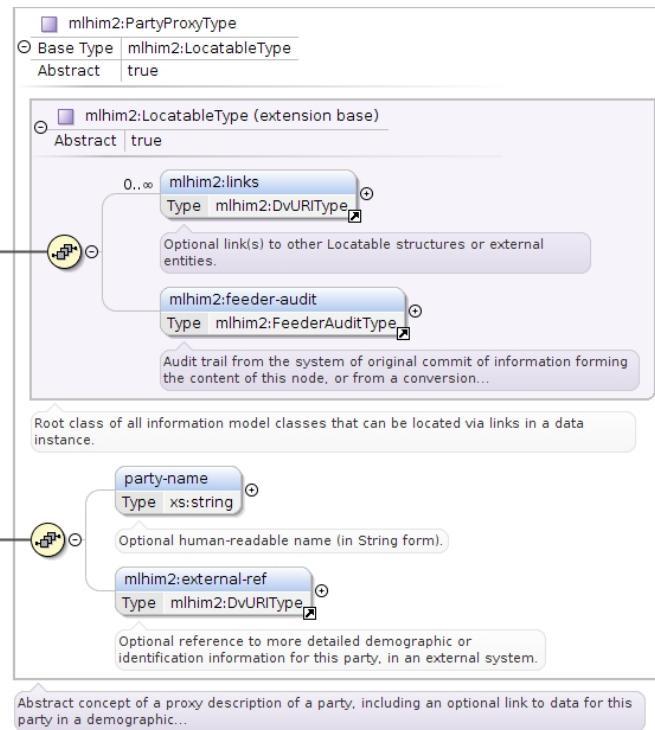


Type	<code>mlhim2:PartyProxyType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:LocatableType</code> <ul style="list-style-type: none"> • <code>mlhim2:PartyProxyType</code>
Properties	content: complex
Used by	Complex Types <code>mlhim2:AdminEntryType</code> , <code>mlhim2:CareEntryType</code> , <code>mlhim2:DemographicEntryType</code> , <code>mlhim2:EntryType</code>
Model	<code>mlhim2:links*</code> , <code>mlhim2:feeder-audit{0,1}</code> , <code>mlhim2:party-name{0,1}</code> , <code>mlhim2:external-ref{0,1}</code>
Children	<code>mlhim2:external-ref</code> , <code>mlhim2:feeder-audit</code> , <code>mlhim2:links</code> , <code>mlhim2:party-name</code>
Instance	<pre><mlhim2:entry-subject xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:party-name>{0,1}</mlhim2:party-name> <mlhim2:external-ref>{0,1}</mlhim2:external-ref> </mlhim2:entry-subject></pre>
Source	<code><xss:element name="entry-subject" type="mlhim2:PartyProxyType" /></code>

Element `mlhim2:entry-provider`

Namespace	<code>http://www.mlhim.org/xmlns/mlhim2/2_4_1</code>
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Diagram

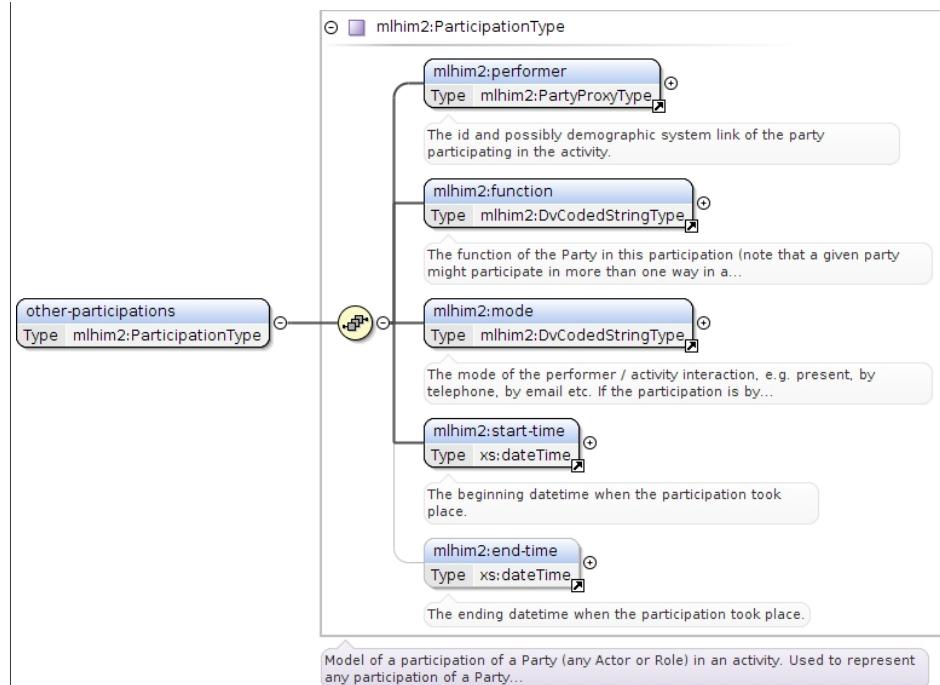


Type	<code>mlhim2:PartyProxyType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:LocatableType</code> <ul style="list-style-type: none"> • <code>mlhim2:PartyProxyType</code>
Properties	content: complex
Used by	Complex Types <code>mlhim2:AdminEntryType</code> , <code>mlhim2:CareEntryType</code> , <code>mlhim2:DemographicEntryType</code> , <code>mlhim2:EntryType</code>
Model	<code>mlhim2:links*</code> , <code>mlhim2:feeder-audit{0,1}</code> , <code>mlhim2:party-name{0,1}</code> , <code>mlhim2:external-ref{0,1}</code>
Children	<code>mlhim2:external-ref</code> , <code>mlhim2:feeder-audit</code> , <code>mlhim2:links</code> , <code>mlhim2:party-name</code>
Instance	<pre><mlhim2:entry-provider xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:party-name>{0,1}</mlhim2:party-name> <mlhim2:external-ref>{0,1}</mlhim2:external-ref> </mlhim2:entry-provider></pre>
Source	<code><xss:element name="entry-provider" type="mlhim2:PartyProxyType" /></code>

Element `mlhim2:other-participations`

Namespace	<code>http://www.mlhim.org/xmlns/mlhim2/2_4_1</code>
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Diagram

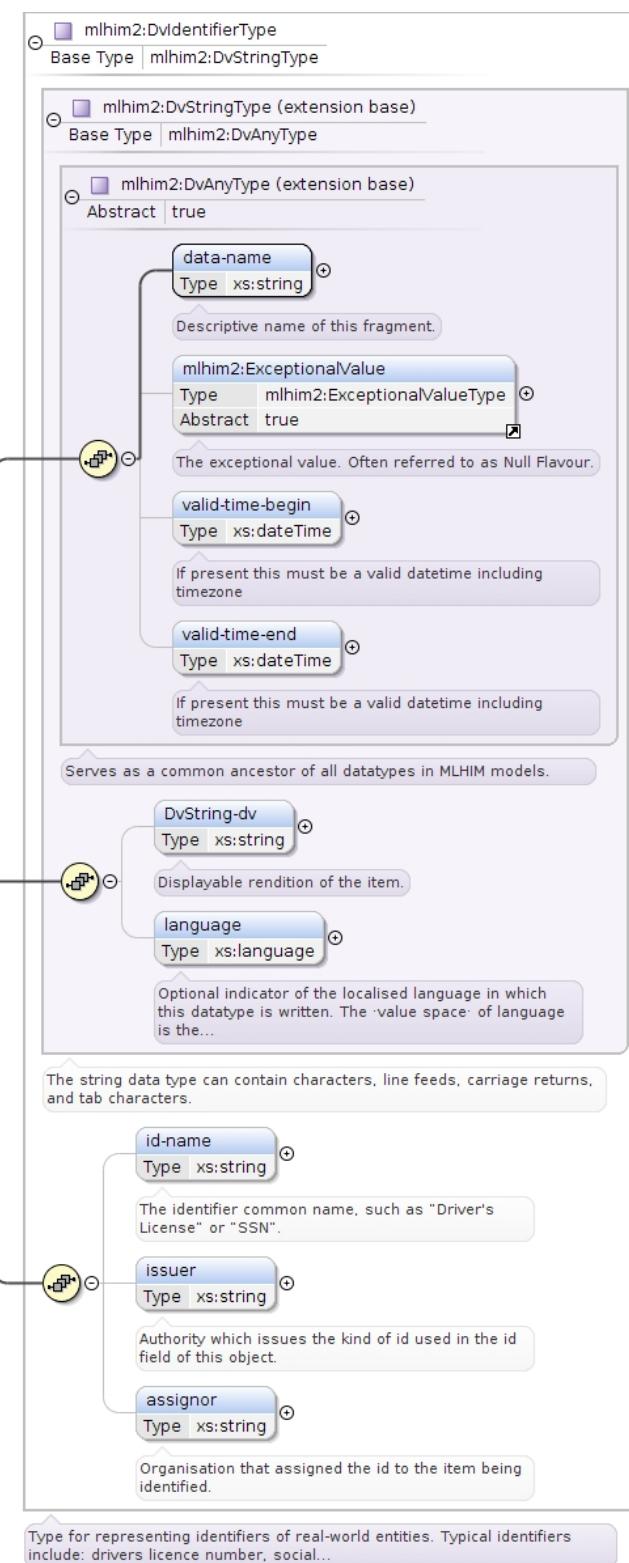


Type	<code>mlhim2:ParticipationType</code>
Properties	content: complex
Used by	Complex Types <code>mlhim2:AdminEntryType</code> , <code>mlhim2:CareEntryType</code> , <code>mlhim2:DemographicEntryType</code> , <code>mlhim2:EntryType</code>
Model	<code>mlhim2:performer</code> , <code>mlhim2:function</code> , <code>mlhim2:mode</code> , <code>mlhim2:start-time</code> , <code>mlhim2:end-time{0,1}</code>
Children	<code>mlhim2:end-time</code> , <code>mlhim2:function</code> , <code>mlhim2:mode</code> , <code>mlhim2:performer</code> , <code>mlhim2:start-time</code>
Instance	<pre><mlhim2:other-participations xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:performer>{1,1}</mlhim2:performer> <mlhim2:function>{1,1}</mlhim2:function> <mlhim2:mode>{1,1}</mlhim2:mode> <mlhim2:start-time>{1,1}</mlhim2:start-time> <mlhim2:end-time>{0,1}</mlhim2:end-time> </mlhim2:other-participations></pre>
Source	<code><xss:element name="other-participations" type="mlhim2:ParticipationType"/></code>

Element `mlhim2:protocol-id`

Namespace	<code>http://www.mlhim.org/xmlns/mlhim2/2_4_1</code>
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Diagram



Type	<code>mlhim2:DvIdentifierType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> <ul style="list-style-type: none"> • <code>mlhim2:DvStringType</code> • <code>mlhim2:DvIdentifierType</code>
Properties	content: complex

Used by	Complex Types mlhim2:AdminEntryType, mlhim2:CareEntryType, mlhim2:DemographicEntryType, mlhim2:EntryType
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:DvString-dv{0,1} , mlhim2:language{0,1} , mlhim2:id-name{0,1} , mlhim2:issuer{0,1} , mlhim2:assignor{0,1}
Children	mlhim2:DvString-dv, mlhim2:ExceptionalValue, mlhim2:assignor, mlhim2:data-name, mlhim2:id-name, mlhim2:issuer, mlhim2:language, mlhim2:valid-time-begin, mlhim2:valid-time-end
Instance	<mlhim2:protocol-id xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:DvString-dv>{0,1}</mlhim2:DvString-dv> <mlhim2:language>{0,1}</mlhim2:language> <mlhim2:id-name>{0,1}</mlhim2:id-name> <mlhim2:issuer>{0,1}</mlhim2:issuer> <mlhim2:assignor>{0,1}</mlhim2:assignor> </mlhim2:protocol-id>
Source	<xss:element name="protocol-id" type="mlhim2:DvIdentifierType"/>

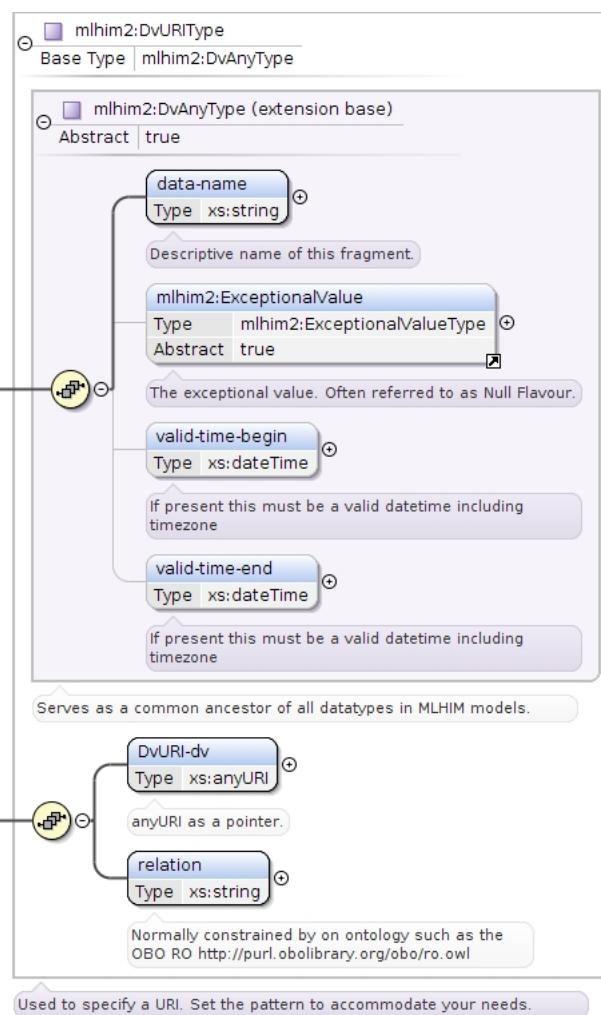
Element mlhim2:EntryType / mlhim2:current-state

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1						
Annotations	The current state according to the state machine / workflow engine identified in workflow-id as a string.						
Diagram	<p>A UML class diagram element representing the 'current-state' element. It consists of a rounded rectangle labeled 'current-state' with a small circle to its right, indicating it's a directed association end. A line connects this to another rounded rectangle labeled 'xs:string'. A callout box points to the 'xs:string' label with the text: 'The current state according to the state machine / workflow engine identified in workflow-id as a string.' Another callout box points to the 'xs:string' label with the text: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>						
Type	xs:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xss:element maxOccurs="1" minOccurs="0" name="current-state" type="xs:string"> <xss:annotation> <xss:documentation>The current state according to the state machine / workflow engine identified in workflow-id as a string.</xss:documentation> </xss:annotation> </xss:element>						

Element mlhim2:workflow-id

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

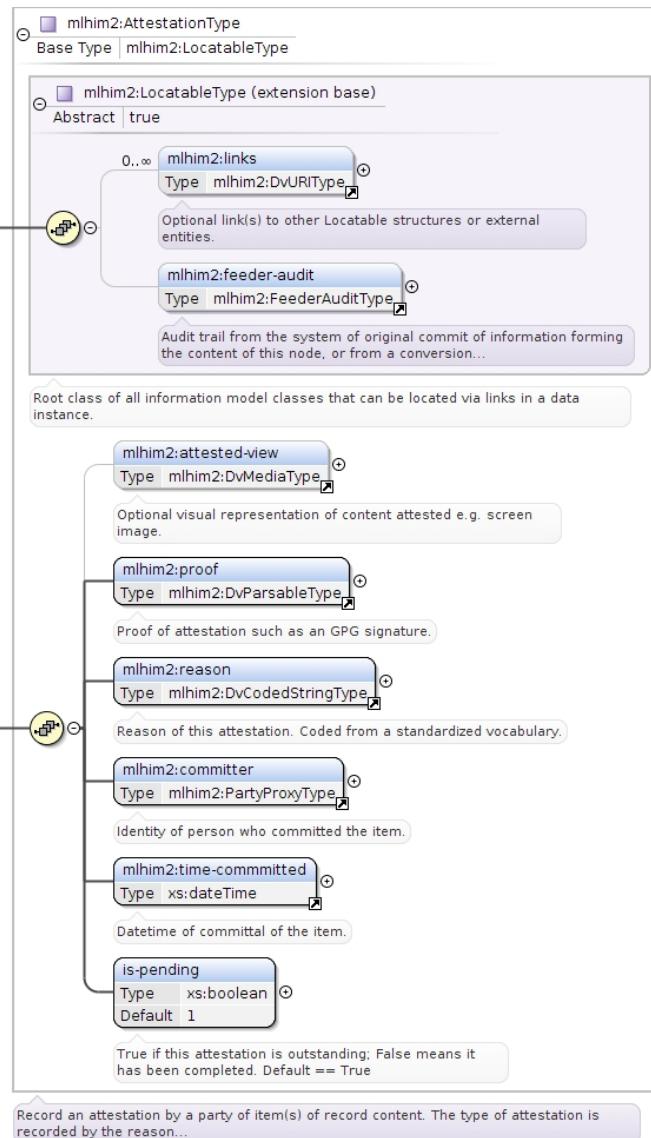


Type	<code>mlhim2:DvURIType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> <ul style="list-style-type: none"> • <code>mlhim2:DvURIType</code>
Properties	content: complex
Used by	Complex Types <code>mlhim2:AdminEntryType</code> , <code>mlhim2:CareEntryType</code> , <code>mlhim2:DemographicEntryType</code> , <code>mlhim2:EntryType</code>
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:DvURI-dv</code> , <code>mlhim2:relation</code>
Children	<code>mlhim2:DvURI-dv</code> , <code>mlhim2:ExceptionalValue</code> , <code>mlhim2:data-name</code> , <code>mlhim2:relation</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code>
Instance	<pre><mlhim2:workflow-id xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:data-name>{1,1}</mlhim2:data-name> <mlhim2:ExceptionalValue>{0,1}</mlhim2:ExceptionalValue> <mlhim2:valid-time-begin>{0,1}</mlhim2:valid-time-begin> <mlhim2:valid-time-end>{0,1}</mlhim2:valid-time-end> <mlhim2:DvURI-dv>{1,1}</mlhim2:DvURI-dv> <mlhim2:relation>{1,1}</mlhim2:relation> </mlhim2:workflow-id></pre>
Source	<code><xss:element name="workflow-id" type="mlhim2:DvURIType" /></code>

Element `mlhim2:attestation`

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	<code>mlhim2:AttestationType</code>	
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:LocatableType</code> • <code>mlhim2:AttestationType</code> 	
Properties	content: complex	
Used by	Complex Types	<code>mlhim2:AdminEntryType</code> , <code>mlhim2:CareEntryType</code> , <code>mlhim2:DemographicEntryType</code> , <code>mlhim2:EntryType</code>
Model	<code>mlhim2:links*</code> , <code>mlhim2:feeder-audit{0,1}</code> , <code>mlhim2:attested-view{0,1}</code> , <code>mlhim2:proof</code> , <code>mlhim2:reason</code> , <code>mlhim2:committer</code> , <code>mlhim2:time-committed</code> , <code>mlhim2:is-pending</code>	
Children	<code>mlhim2:attested-view</code> , <code>mlhim2:committer</code> , <code>mlhim2:feeder-audit</code> , <code>mlhim2:is-pending</code> , <code>mlhim2:links</code> , <code>mlhim2:proof</code> , <code>mlhim2:reason</code> , <code>mlhim2:time-committed</code>	
Instance	<pre><mlhim2:attestation xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:attested-view>{0,1}</mlhim2:attested-view> <mlhim2:proof>{1,1}</mlhim2:proof> <mlhim2:reason>{1,1}</mlhim2:reason> <mlhim2:committer>{1,1}</mlhim2:committer> <mlhim2:time-committed>{1,1}</mlhim2:time-committed> <mlhim2:is-pending>{1,1}</mlhim2:is-pending> </mlhim2:attestation></pre>	
Source	<code><xsd:element name="attestation" type="mlhim2:AttestationType" /></code>	

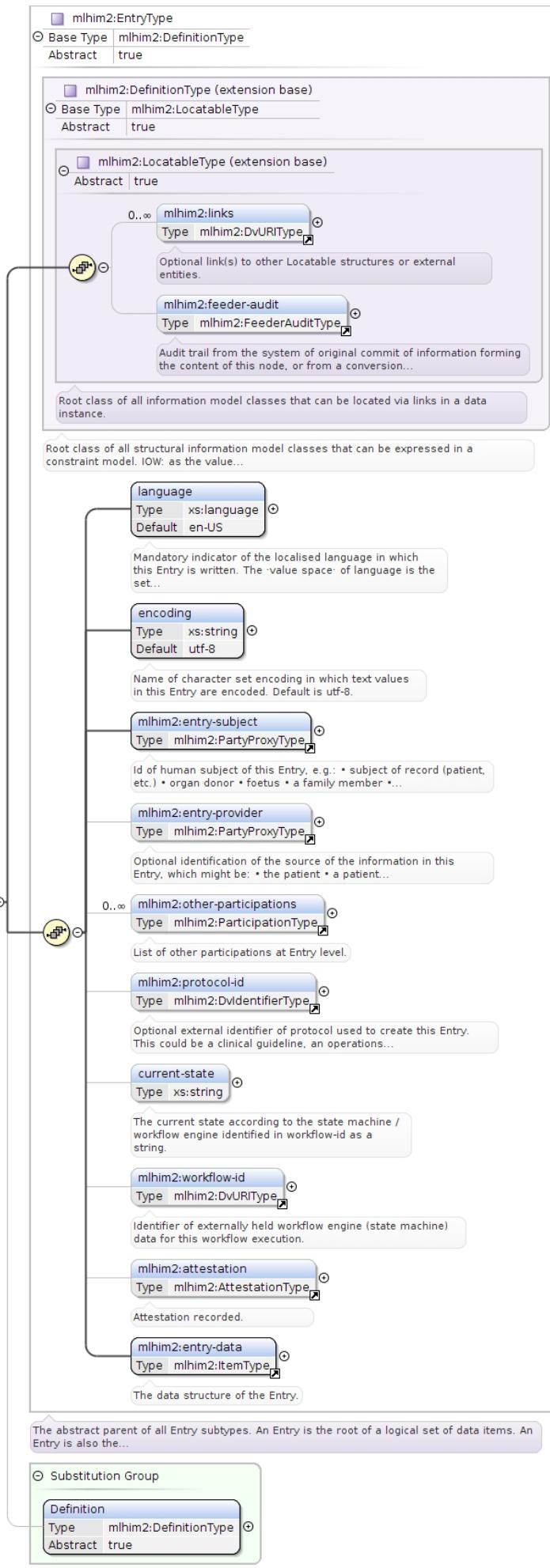
Element mlhim2:entry-data

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	
Type	mlhim2:ItemType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType <ul style="list-style-type: none"> • mlhim2:DefinitionType • mlhim2:ItemType
Properties	content: complex
Used by	Complex Types mlhim2:AdminEntryType, mlhim2:CareEntryType, mlhim2:DemographicEntryType, mlhim2:EntryType
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}
Children	mlhim2:feeder-audit, mlhim2:links
Instance	<pre><mlhim2:entry-data xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> </mlhim2:entry-data></pre>
Source	<pre><xss:element name="entry-data" type="mlhim2:ItemType" /></pre>

Element mlhim2:Entry

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

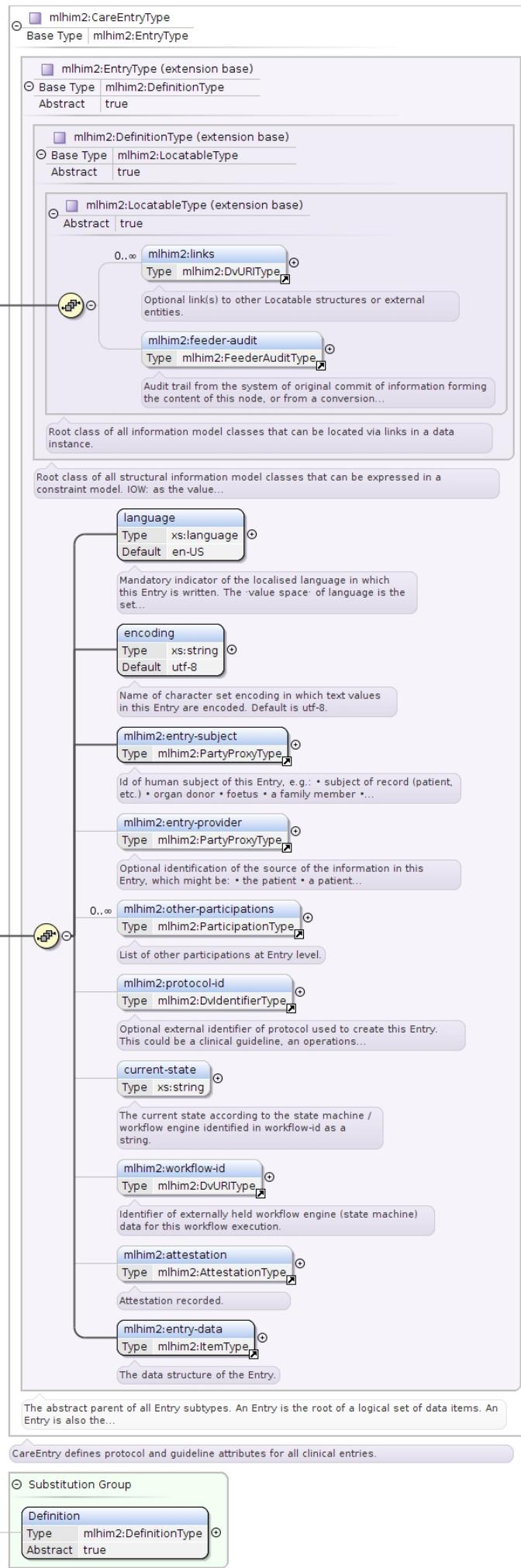


Type	mlhim2:EntryType				
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType • mlhim2:DefinitionType • mlhim2:EntryType 				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>abstract:</td> <td>true</td> </tr> </table>	content:	complex	abstract:	true
content:	complex				
abstract:	true				
Substitution Group Affiliation	• mlhim2:Definition				
Model	mlhim2:links* , mlhim2:feeder-audit{0,1} , mlhim2:language , mlhim2:encoding , mlhim2:entry-subject , mlhim2:entry-provider{0,1} , mlhim2:other-participations* , mlhim2:protocol-id{0,1} , mlhim2:current-state{0,1} , mlhim2:workflow-id{0,1} , mlhim2:attestation{0,1} , mlhim2:entry-data				
Children	mlhim2:attestation, mlhim2:current-state, mlhim2:encoding, mlhim2:entry-data, mlhim2:entry-provider, mlhim2:entry-subject, mlhim2:feeder-audit, mlhim2:language, mlhim2:links, mlhim2:other-participations, mlhim2:protocol-id, mlhim2:workflow-id				
Instance	<pre><mlhim2:Entry xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:language>{1,1}</mlhim2:language> <mlhim2:encoding>{1,1}</mlhim2:encoding> <mlhim2:entry-subject>{1,1}</mlhim2:entry-subject> <mlhim2:entry-provider>{0,1}</mlhim2:entry-provider> <mlhim2:other-participations>{0,unbounded}</mlhim2:other-participations> <mlhim2:protocol-id>{0,1}</mlhim2:protocol-id> <mlhim2:current-state>{0,1}</mlhim2:current-state> <mlhim2:workflow-id>{0,1}</mlhim2:workflow-id> <mlhim2:attestation>{0,1}</mlhim2:attestation> <mlhim2:entry-data>{1,1}</mlhim2:entry-data> </mlhim2:Entry></pre>				
Source	<pre><xs:element abstract="true" name="Entry" substitutionGroup="mlhim2:Definition" type="mlhim2:EntryType" /></pre>				

Element mlhim2:CareEntry

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

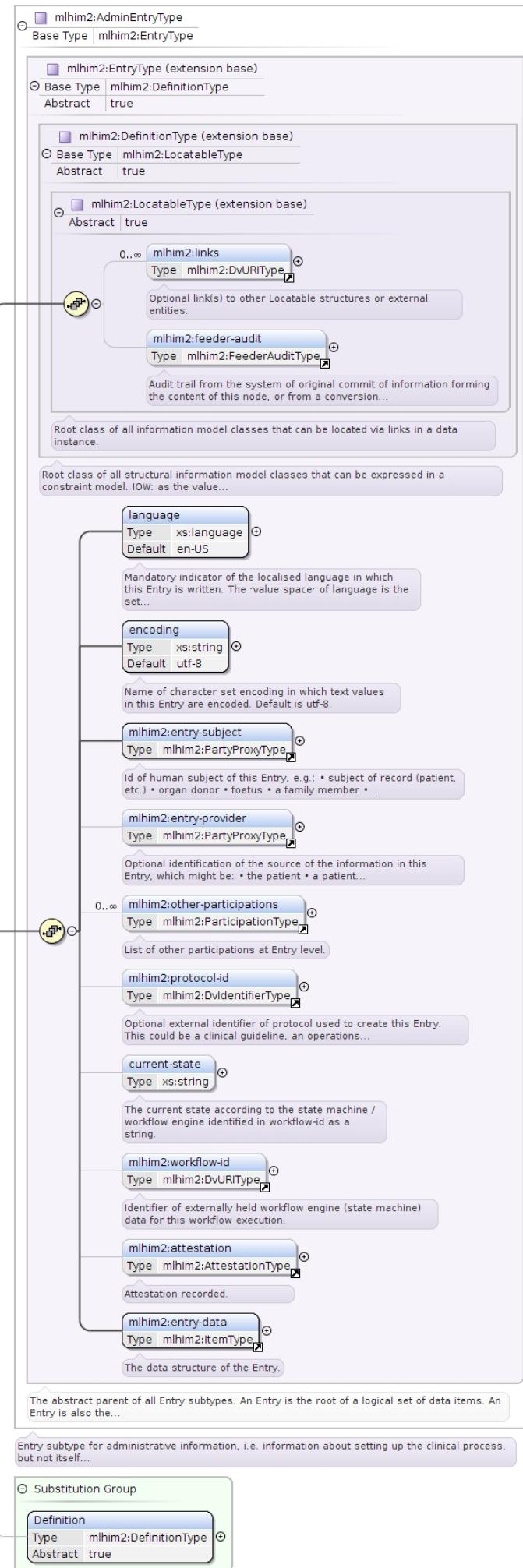


Type	mlhim2:CareEntryType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType • mlhim2:DefinitionType • mlhim2:EntryType • mlhim2:CareEntryType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:Definition
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}, mlhim2:language, mlhim2:encoding, mlhim2:entry-subject, mlhim2:entry-provider{0,1}, mlhim2:other-participations*, mlhim2:protocol-id{0,1}, mlhim2:current-state{0,1}, mlhim2:workflow-id{0,1}, mlhim2:attestation{0,1}, mlhim2:entry-data
Children	mlhim2:attestation, mlhim2:current-state, mlhim2:encoding, mlhim2:entry-data, mlhim2:entry-provider, mlhim2:entry-subject, mlhim2:feeder-audit, mlhim2:language, mlhim2:links, mlhim2:other-participations, mlhim2:protocol-id, mlhim2:workflow-id
Instance	<pre><mlhim2:CareEntry xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:language>{1,1}</mlhim2:language> <mlhim2:encoding>{1,1}</mlhim2:encoding> <mlhim2:entry-subject>{1,1}</mlhim2:entry-subject> <mlhim2:entry-provider>{0,1}</mlhim2:entry-provider> <mlhim2:other-participations>{0,unbounded}</mlhim2:other-participations> <mlhim2:protocol-id>{0,1}</mlhim2:protocol-id> <mlhim2:current-state>{0,1}</mlhim2:current-state> <mlhim2:workflow-id>{0,1}</mlhim2:workflow-id> <mlhim2:attestation>{0,1}</mlhim2:attestation> <mlhim2:entry-data>{1,1}</mlhim2:entry-data> </mlhim2:CareEntry></pre>
Source	<pre><xss:element name="CareEntry" substitutionGroup="mlhim2:Entry mlhim2:Definition" type="mlhim2:CareEntryType"/></pre>

Element mlhim2:AdminEntry

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram

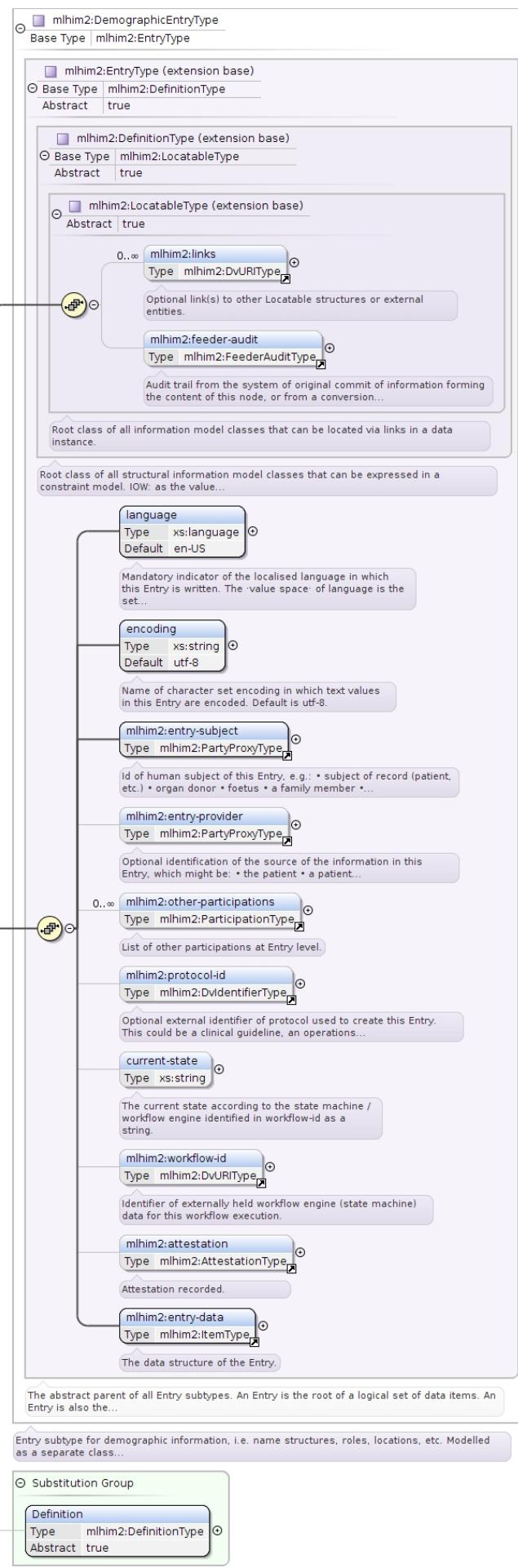


Type	mlhim2:AdminEntryType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType • mlhim2:DefinitionType • mlhim2:EntryType • mlhim2:AdminEntryType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:Definition
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}, mlhim2:language, mlhim2:encoding, mlhim2:entry-subject, mlhim2:entry-provider{0,1}, mlhim2:other-participations*, mlhim2:protocol-id{0,1}, mlhim2:current-state{0,1}, mlhim2:workflow-id{0,1}, mlhim2:attestation{0,1}, mlhim2:entry-data
Children	mlhim2:attestation, mlhim2:current-state, mlhim2:encoding, mlhim2:entry-data, mlhim2:entry-provider, mlhim2:entry-subject, mlhim2:feeder-audit, mlhim2:language, mlhim2:links, mlhim2:other-participations, mlhim2:protocol-id, mlhim2:workflow-id
Instance	<pre><mlhim2:AdminEntry xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:language>{1,1}</mlhim2:language> <mlhim2:encoding>{1,1}</mlhim2:encoding> <mlhim2:entry-subject>{1,1}</mlhim2:entry-subject> <mlhim2:entry-provider>{0,1}</mlhim2:entry-provider> <mlhim2:other-participations>{0,unbounded}</mlhim2:other-participations> <mlhim2:protocol-id>{0,1}</mlhim2:protocol-id> <mlhim2:current-state>{0,1}</mlhim2:current-state> <mlhim2:workflow-id>{0,1}</mlhim2:workflow-id> <mlhim2:attestation>{0,1}</mlhim2:attestation> <mlhim2:entry-data>{1,1}</mlhim2:entry-data> </mlhim2:AdminEntry></pre>
Source	<pre><xs:element name="AdminEntry" substitutionGroup="mlhim2:Entry mlhim2:Definition" type="mlhim2:AdminEntryType"/></pre>

Element mlhim2:DemographicEntry

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram



Type	mlhim2:DemographicEntryType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType <ul style="list-style-type: none"> • mlhim2:DefinitionType <ul style="list-style-type: none"> • mlhim2:EntryType • mlhim2:DemographicEntryType
Properties	content: complex
Substitution Group Affiliation	• mlhim2:Definition
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}, mlhim2:language, mlhim2:encoding, mlhim2:entry-subject, mlhim2:entry-provider{0,1}, mlhim2:other-participations*, mlhim2:protocol-id{0,1}, mlhim2:current-state{0,1}, mlhim2:workflow-id{0,1}, mlhim2:attestation{0,1}, mlhim2:entry-data
Children	mlhim2:attestation, mlhim2:current-state, mlhim2:encoding, mlhim2:entry-data, mlhim2:entry-provider, mlhim2:entry-subject, mlhim2:feeder-audit, mlhim2:language, mlhim2:links, mlhim2:other-participations, mlhim2:protocol-id, mlhim2:workflow-id
Instance	<pre><mlhim2:DemographicEntry xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> <mlhim2:language>{1,1}</mlhim2:language> <mlhim2:encoding>{1,1}</mlhim2:encoding> <mlhim2:entry-subject>{1,1}</mlhim2:entry-subject> <mlhim2:entry-provider>{0,1}</mlhim2:entry-provider> <mlhim2:other-participations>{0,unbounded}</mlhim2:other-participations> <mlhim2:protocol-id>{0,1}</mlhim2:protocol-id> <mlhim2:current-state>{0,1}</mlhim2:current-state> <mlhim2:workflow-id>{0,1}</mlhim2:workflow-id> <mlhim2:attestation>{0,1}</mlhim2:attestation> <mlhim2:entry-data>{1,1}</mlhim2:entry-data> </mlhim2:DemographicEntry></pre>
Source	<pre><x:element name="DemographicEntry" substitutionGroup="mlhim2:Entry mlhim2:Definition" type="mlhim2:DemographicEntryType"/></pre>

Element mlhim2:definition

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	
Type	mlhim2:DefinitionType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType <ul style="list-style-type: none"> • mlhim2:DefinitionType
Properties	content: complex

Substitution Group Affiliation	• mlhim2:Definition
Used by	Complex Type mlhim2:CCDType
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}
Children	mlhim2:feeder-audit, mlhim2:links
Instance	<mlhim2:definition xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:links>{0,unbounded}</mlhim2:links> <mlhim2:feeder-audit>{0,1}</mlhim2:feeder-audit> </mlhim2:definition>
Source	<xss:element name="definition" substitutionGroup="mlhim2:Definition" type="mlhim2:DefinitionType"/>

Element mlhim2:CCD

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Diagram	<p>This is the root node of a Concept Constraint Definition.</p>
Type	mlhim2:CCDType
Properties	content: complex
Model	mlhim2:definition
Children	mlhim2:definition
Instance	<mlhim2:CCD xmlns:mlhim2="http://www.mlhim.org/xmlns/mlhim2/2_4_1"> <mlhim2:definition>{1,1}</mlhim2:definition> </mlhim2:CCD>
Source	<xss:element name="CCD" type="mlhim2:CCDType"/>

Complex Type(s)

Complex Type mlhim2:DvAnyType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Serves as a common ancestor of all datatypes in MLHIM models.
Diagram	<p>Serves as a common ancestor of all datatypes in MLHIM models.</p> <p>Descriptive name of this fragment.</p> <p>The exceptional value. Often referred to as Null Flavour.</p> <p>If present this must be a valid datetime including timezone</p> <p>If present this must be a valid datetime including timezone</p>
Properties	abstract: true
Used by	Elements mlhim2:DvAny, mlhim2:Element-dv Complex Types mlhim2:DvBooleanType, mlhim2:DvEncapsulatedType, mlhim2:DvIntervalType, mlhim2:DvOrderedType, mlhim2:DvStringType, mlhim2:DvURIType, mlhim2:ReferenceRangeType

Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1}
Children	mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:valid-time-begin, mlhim2:valid-time-end
Source	<pre> <xs:complexType abstract="true" name="DvAnyType"> <xs:annotation> <xs:documentation>Serves as a common ancestor of all datatypes in MLHIM models.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" name="data-name" type="xs:string"> <xs:annotation> <xs:documentation>Descriptive name of this fragment.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" ref="mlhim2:ExceptionalValue"> <xs:annotation> <xs:documentation>The exceptional value. Often referred to as Null Flavour.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="valid-time-begin" type="xs:dateTime"> <xs:annotation> <xs:documentation>If present this must be a valid datetime including timezone</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="valid-time-end" type="xs:dateTime"> <xs:annotation> <xs:documentation>If present this must be a valid datetime including timezone</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType></pre>

Complex Type mlhim2:ExceptionalValueType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1				
Annotations	Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.				
Diagram	<pre> classDiagram class ExceptionalValueType { <<Abstract true>> } class ev-name { <<Type xs:string>> } class ev-meaning { <<Type xs:string>> } ExceptionalValueType < -- ev-name ExceptionalValueType < -- ev-meaning </pre> <p>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p>				
Properties	abstract: true				
Used by	<table> <tr> <td>Element</td> <td>mlhim2:ExceptionalValue</td> </tr> <tr> <td>Complex Types</td> <td>mlhim2:ASKRTType, mlhim2:ASKUType, mlhim2:DERType, mlhim2:INVType, mlhim2:MSKType, mlhim2:NASKType, mlhim2:NAType, mlhim2:NAVType, mlhim2:NINFType, mlhim2:NIType, mlhim2:OTHTType, mlhim2:PINFType, mlhim2:QSType, mlhim2:TRCType, mlhim2:UNCType, mlhim2:UNKType</td> </tr> </table>	Element	mlhim2:ExceptionalValue	Complex Types	mlhim2:ASKRTType, mlhim2:ASKUType, mlhim2:DERType, mlhim2:INVType, mlhim2:MSKType, mlhim2:NASKType, mlhim2:NAType, mlhim2:NAVType, mlhim2:NINFType, mlhim2:NIType, mlhim2:OTHTType, mlhim2:PINFType, mlhim2:QSType, mlhim2:TRCType, mlhim2:UNCType, mlhim2:UNKType
Element	mlhim2:ExceptionalValue				
Complex Types	mlhim2:ASKRTType, mlhim2:ASKUType, mlhim2:DERType, mlhim2:INVType, mlhim2:MSKType, mlhim2:NASKType, mlhim2:NAType, mlhim2:NAVType, mlhim2:NINFType, mlhim2:NIType, mlhim2:OTHTType, mlhim2:PINFType, mlhim2:QSType, mlhim2:TRCType, mlhim2:UNCType, mlhim2:UNKType				
Model	mlhim2:ev-name , mlhim2:ev-meaning				
Children	mlhim2:ev-meaning, mlhim2:ev-name				
Source	<pre> <xs:complexType abstract="true" name="ExceptionalValueType"> <xs:annotation> <xs:documentation>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xs:element maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xs:sequence> </xs:complexType></pre>				

Complex Type mlhim2:DvBooleanType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Items which represent boolean decisions, such as true/false or yes/no answers. Use for such data, it is important to devise the meanings (usually questions in subjective data) carefully, so that the only allowed results

are in fact true or false. Potential MisUse: The DvBoolean class should not be used as a replacement for naively modelled enumerated types such as male/female etc. Such values should be coded, and in any case the enumeration often has more than two values. Though the DvBoolean.dv attribute is a String type this is to easily allow responses that the user is more familiar with using in the context such as 'Yes', 'No' or 'True', 'False'. A conversion method is required to convert the valid-trues to True and the valid-falses to False.

Diagram	<pre> classDiagram class mlhim2:DvAnyType { <<extension base>> <<Abstract true>> data-name : xs:string mlhim2:ExceptionalValue valid-time-begin : xs:dateTime valid-time-end : xs:dateTime } class DvBooleanType { <<Base Type mlhim2:DvAnyType>> <<Items which represent boolean decisions, such as true/false or yes/no answers. Use for such data, it is important to...>> valid-trues : xs:string valid-falses : xs:string DvBoolean-dv : xs:string } mlhim2:DvAnyType "1" -- "1" DvBooleanType </pre> <p>The diagram shows the UML Class Diagram for the <code>DvBooleanType</code> class. It is an extension of <code>mlhim2:DvAnyType</code>, which is marked as abstract and true. The <code>DvBooleanType</code> class contains four attributes: <code>data-name</code> (xs:string), <code>mlhim2:ExceptionalValue</code> (mlhim2:ExceptionalValueType), <code>valid-time-begin</code> (xs:dateTime), and <code>valid-time-end</code> (xs:dateTime). A note states: "Serves as a common ancestor of all datatypes in MLHIM models." The <code>mlhim2:ExceptionalValue</code> attribute is marked as abstract and true. The <code>valid-time-begin</code> and <code>valid-time-end</code> attributes have notes: "If present this must be a valid datetime including timezone". The <code>DvBooleanType</code> class also contains three attributes: <code>valid-trues</code> (xs:string), <code>valid-falses</code> (xs:string), and <code>DvBoolean-dv</code> (xs:string). A note for <code>valid-trues</code> states: "A set of strings that are to be converted to a boolean True in the implementation." A note for <code>valid-falses</code> states: "A set of strings that are to be converted to a boolean False in the implementation." A note for <code>DvBoolean-dv</code> states: "A truly boolean value in the implementation language, derived by selection in the implementation of one of the...".</p>
Type	extension of <code>mlhim2:DvAnyType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> • <code>mlhim2:DvBooleanType</code>
Used by	Element <code>mlhim2:DvBoolean</code>
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:valid-trues{0,1}</code> , <code>mlhim2:valid-falses{0,1}</code> , <code>mlhim2:DvBoolean-dv{0,1}</code>
Children	<code>mlhim2:DvBoolean-dv</code> , <code>mlhim2:ExceptionalValue</code> , <code>mlhim2:data-name</code> , <code>mlhim2:valid-falses</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code> , <code>mlhim2:valid-trues</code>
Source	<pre> <xss:complexType name="DvBooleanType"> <xss:annotation> <xss:documentation>Items which represent boolean decisions, such as true/false or yes/no answers. Use for such data, it is important to devise the meanings (usually questions in subjective data) carefully, so that the only allowed results are in fact true or false. Potential MisUse: The DvBoolean class should not be used as a replacement for naively modelled enumerated types such as male/female etc. Such values should be coded, and in any case the enumeration often has more than two values. Though the DvBoolean.dv attribute is a String type this is to easily allow responses that the user is more familiar with using in the context such as 'Yes', 'No' or 'True', 'False'. A conversion method is required to convert the valid-trues to True and the valid-falses to False.</xss:documentation> </xss:annotation> </pre>

```

<xs:complexContent>
  <xs:extension base="mlhim2:DvAnyType">
    <xs:sequence>
      <xs:element maxOccurs="1" minOccurs="0" name="valid-trues" type="xs:string">
        <xs:annotation>
          <xs:documentation>A set of strings that are to be converted to a boolean True in the implementation.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element maxOccurs="1" minOccurs="0" name="valid-falses" type="xs:string">
        <xs:annotation>
          <xs:documentation>A set of strings that are to be converted to a boolean False in the implementation.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element maxOccurs="1" minOccurs="0" name="DvBoolean-dv" type="xs:string">
        <xs:annotation>
          <xs:documentation>A truly boolean value in the implementation language, derived by selection in the implementation of one of the valid-trues or valid-falses. DvBoolean-dv may be a Void or Null value; in which case; ev cannot be empty.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:extension>
</xs:complexContent>
<!-- <xs:assert test="string-length(@DvBoolean-dv) > 0 or @ev"/> Needs to be completed. -->
</xs:complexType>

```

Complex Type mlhim2:DvURIType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Used to specify a URI. Set the pattern to accommodate your needs.
Diagram	<p>The diagram illustrates the inheritance structure of the DvURIType complex type. It extends the mlhim2:DvAnyType base type, which is defined as an abstract base type for all datatypes in MLHIM models. The mlhim2:DvAnyType base type includes attributes for data-name (Type: xs:string), mlhim2:ExceptionalValue (Type: mlhim2:ExceptionalValueType, Abstract: true), valid-time-begin (Type: xs:dateTime), and valid-time-end (Type: xs:dateTime). The DvURIType type itself is also an abstract base type and includes an attribute relation (Type: xs:string) and an association to the DvURI-dv type (Type: xs:anyURI).</p>
Type	extension of mlhim2:DvAnyType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:DvURIType
Used by	Elements mlhim2:DvURI, mlhim2:external-ref, mlhim2:links, mlhim2:original-content, mlhim2:workflow-id

Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:DvURI-dv , mlhim2:relation
Children	mlhim2:DvURI-dv, mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:relation, mlhim2:valid-time-begin, mlhim2:valid-time-end
Source	<pre><xs:complexType name="DvURIType"> <xs:annotation> <xs:documentation>Used to specify a URI. Set the pattern to accommodate your needs.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:DvAnyType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" name="DvURI-dv" type="xs:anyURI"> <xs:annotation> <xs:documentation>anyURI as a pointer.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" name="relation" type="xs:string"> <xs:annotation> <xs:documentation>Normally constrained by an ontology such as the OBO RO http://purl.obolibrary.org/obo/ro.owl</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:DvStringType

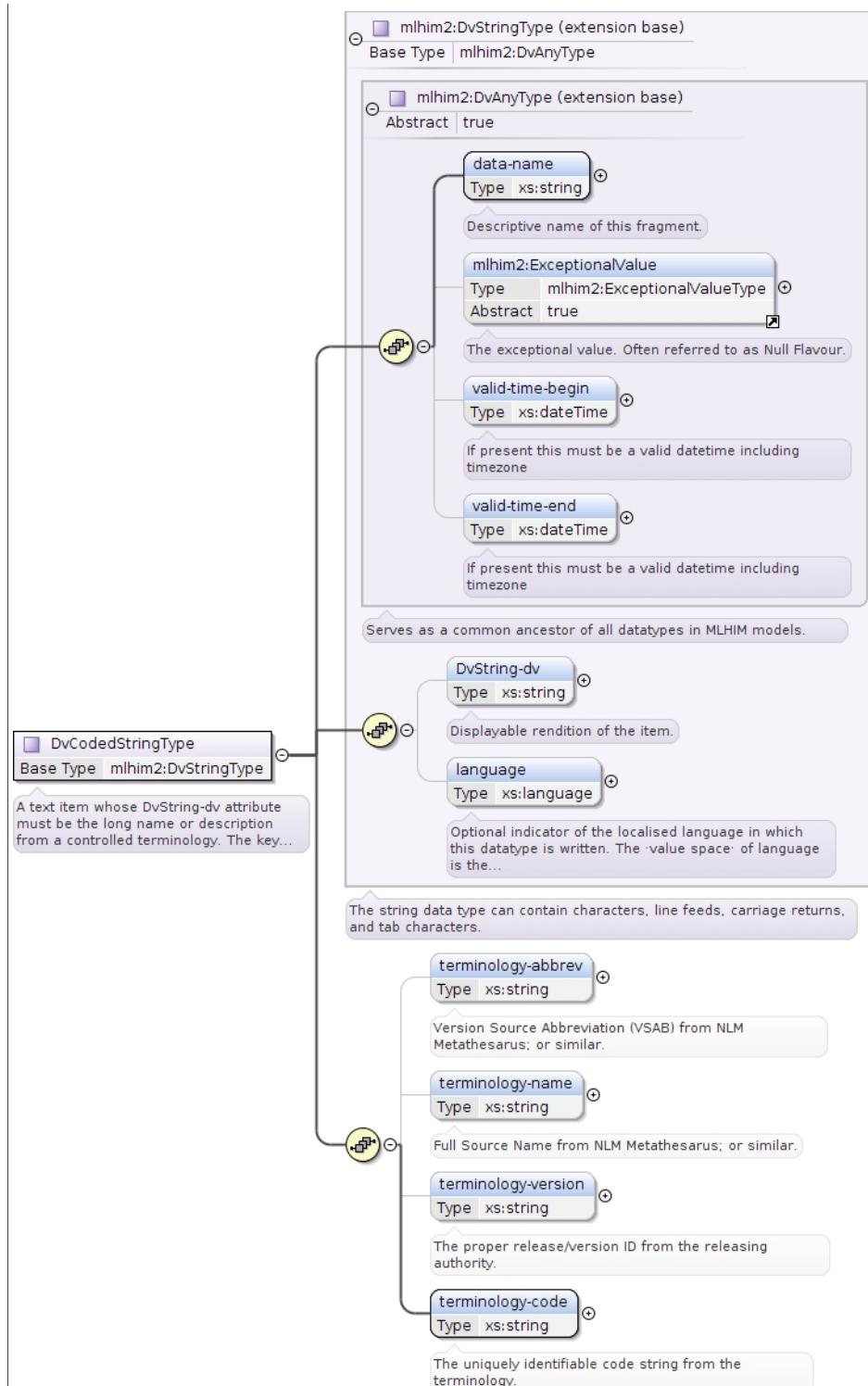
Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	The string data type can contain characters, line feeds, carriage returns, and tab characters.
Diagram	<pre> classDiagram class mlhim2:DvAnyType { <<mlhim2:DvAnyType (extension base)>> Abstract true data-name : xs:string mlhim2:ExceptionalValue : mlhim2:ExceptionalValueType valid-time-begin : xs:dateTime valid-time-end : xs:dateTime } class DvStringType { <<mlhim2:DvStringType Base Type mlhim2:DvAnyType>> The string data type can contain characters, line feeds, carriage returns, and tab characters. DvString-dv : xs:string language : xs:language } mlhim2:DvAnyType < -- DvStringType </pre>
Type	extension of mlhim2:DvAnyType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:DvStringType

Used by	Element mlhim2:DvString Complex Types mlhim2:DvCodedStringType, mlhim2:DvIdentifierType
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:DvString-dv{0,1} , mlhim2:language{0,1}
Children	mlhim2:DvString-dv, mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:language, mlhim2:valid-time-begin, mlhim2:valid-time-end
Source	<pre> <xs:complexType name="DvStringType"> <xs:annotation> <xs:documentation>The string data type can contain characters, line feeds, carriage returns, and tab characters.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension bases="mlhim2:DvAnyType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="0" name="DvString-dv" type="xs:string"> <xs:annotation> <xs:documentation>Displayable rendition of the item.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="language" type="xs:language"> <xs:annotation> <xs:documentation>Optional indicator of the localised language in which this datatype is written. The .value space. of language is the set of all strings that are valid language identifiers as defined [RFC 3066] . Only required when the language used here is different from the enclosing Entry.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>

Complex Type mlhim2:DvCodedStringType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	A text item whose DvString-dv attribute must be the long name or description from a controlled terminology. The key (i.e. the 'code') of which is the terminology-code attribute. In some cases, DvString-dv and terminology-code may have the same content.

Diagram



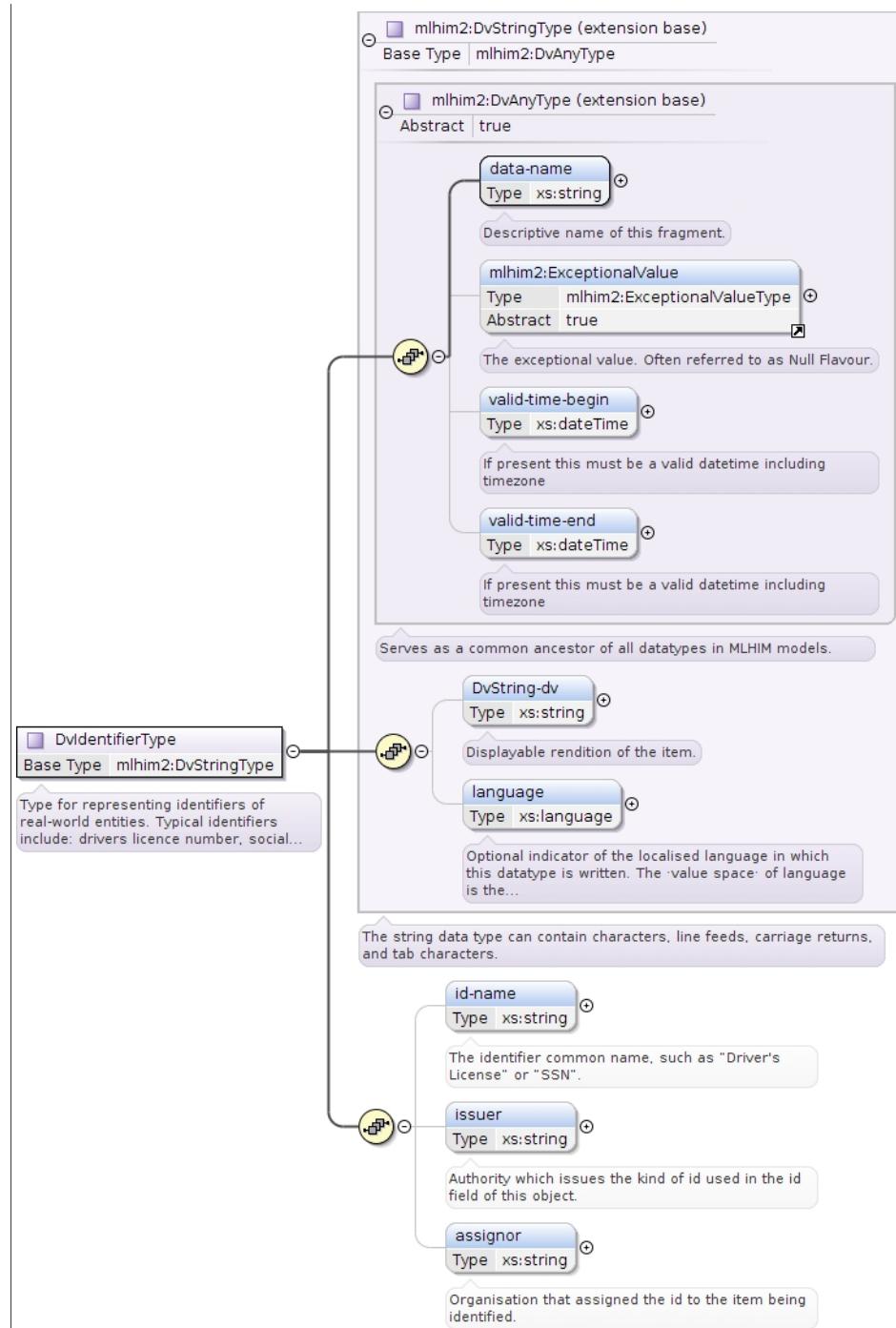
Type	extension of <code>mlhim2:DvStringType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> • <code>mlhim2:DvStringType</code> • <code>mlhim2:DvCodedStringType</code>
Used by	<code>mlhim2:DvCodedString</code> , <code>mlhim2:DvQuantity-units</code> , <code>mlhim2:function</code> , <code>mlhim2:mode</code> , <code>mlhim2:reason</code>
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:DvString-dv{0,1}</code> , <code>mlhim2:language{0,1}</code> , <code>mlhim2:terminology-abbrev{0,1}</code> , <code>mlhim2:terminology-name{0,1}</code> , <code>mlhim2:terminology-version{0,1}</code> , <code>mlhim2:terminology-code</code>

Children	mlhim2:DvString-dv, mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:language, mlhim2:terminology-abbrev, mlhim2:terminology-code, mlhim2:terminology-name, mlhim2:terminology-version, mlhim2:valid-time-begin, mlhim2:valid-time-end
Source	<pre> <xs:complexType name="DvCodedStringType"> <xs:annotation> <xs:documentation>A text item whose DvString-dv attribute must be the long name or description from a controlled terminology. The key (i.e. the 'code') of which is the terminology-code attribute. In some cases, DvString-dv and terminology-code may have the same content.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:DvStringType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="0" name="terminology-abbrev" type="xs:string"> <xs:annotation> <xs:documentation>Version Source Abbreviation (VSAB) from NLM Metathesaurus; or similar.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="terminology-name" type="xs:string"> <xs:annotation> <xs:documentation>Full Source Name from NLM Metathesarus; or similar.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="terminology-version" type="xs:string"> <xs:annotation> <xs:documentation>The proper release/version ID from the releasing authority.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" name="terminology-code" type="xs:string"> <xs:annotation> <xs:documentation>The uniquely identifiable code string from the terminology.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:DvIdentifierType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Type for representing identifiers of real-world entities. Typical identifiers include: drivers licence number, social security number, veterans affairs number, prescription id, order id, system id and so on. The actual identifier is in the DvString-dv.

Diagram



Type	extension of <code>mlhim2:DvStringType</code>
Type hierarchy	<ul style="list-style-type: none"> <code>mlhim2:DvAnyType</code> <code>mlhim2:DvStringType</code> <code>mlhim2:DvIdentifierType</code>
Used by	Elements <code>mlhim2:DvIdentifier</code> , <code>mlhim2:feeder-system-ids</code> , <code>mlhim2:originating-system-ids</code> , <code>mlhim2:protocol-id</code> , <code>mlhim2:system-id</code>
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:DvString-dv{0,1}</code> , <code>mlhim2:language{0,1}</code> , <code>mlhim2:id-name{0,1}</code> , <code>mlhim2:issuer{0,1}</code> , <code>mlhim2:assignor{0,1}</code>
Children	<code>mlhim2:DvString-dv</code> , <code>mlhim2:ExceptionalValue</code> , <code>mlhim2:assignor</code> , <code>mlhim2:data-name</code> , <code>mlhim2:id-name</code> , <code>mlhim2:issuer</code> , <code>mlhim2:language</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code>
Source	<code><xs:complexType name="DvIdentifierType"></code> <code><xs:annotation></code>

```

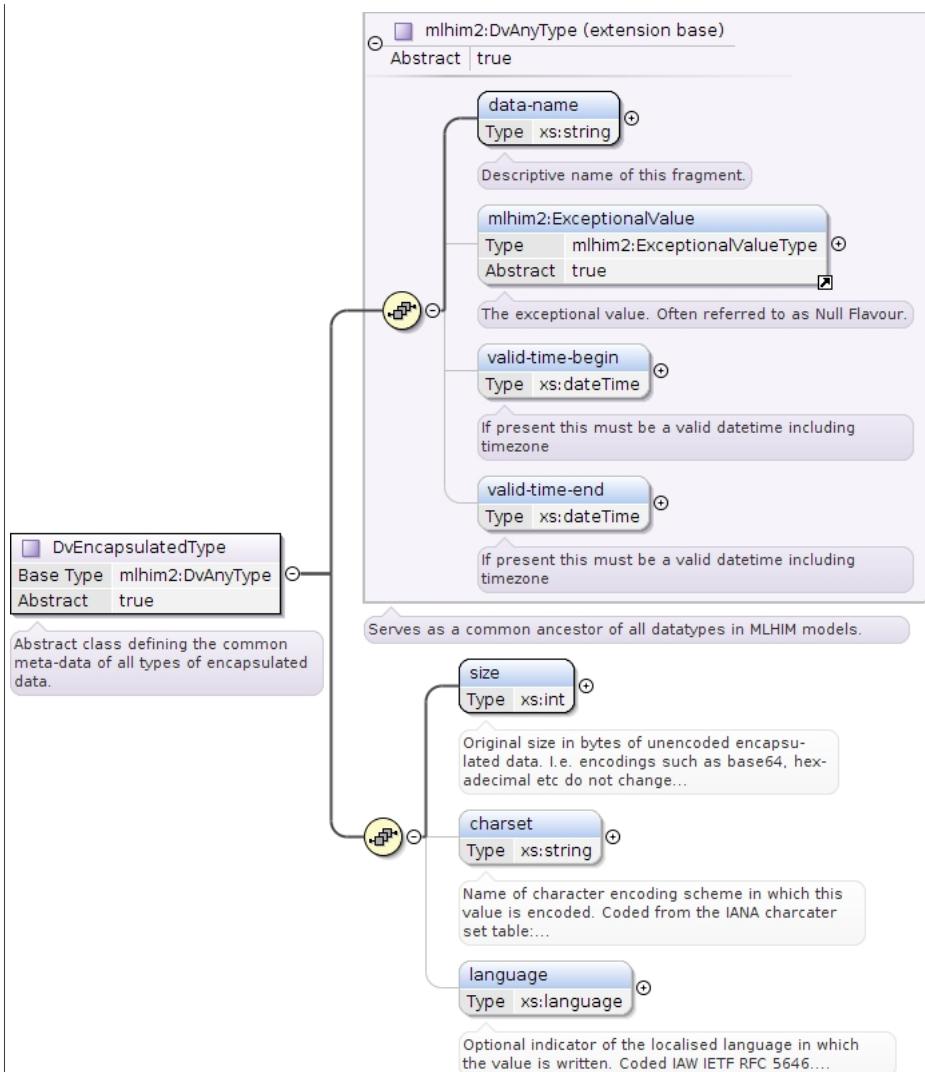
<xs:documentation>Type for representing identifiers of real-world entities. Typical identifiers include: drivers licence number, social security number, veterans affairs number, prescription id, order id, system id and so on. The actual identifier is in the DvString-dv.</xs:documentation>
</xs:annotation>
<xs:complexContent>
<xs:extension base="mlhim2:DvStringType">
<xs:sequence>
<xs:element maxOccurs="1" minOccurs="0" name="id-name" type="xs:string">
<xs:annotation>
<xs:documentation>The identifier common name, such as "Driver's License" or "SSN".</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="0" name="issuer" type="xs:string">
<xs:annotation>
<xs:documentation>Authority which issues the kind of id used in the id field of this object.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="0" name="assignor" type="xs:string">
<xs:annotation>
<xs:documentation>Organisation that assigned the id to the item being identified.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

Complex Type mlhim2:DvEncapsulatedType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Abstract class defining the common meta-data of all types of encapsulated data.

Diagram



Type	extension of <code>mlhim2:DvAnyType</code>
Type hierarchy	<ul style="list-style-type: none"> <code>mlhim2:DvAnyType</code> <code>mlhim2:DvEncapsulatedType</code>
Properties	abstract: true
Used by	Element <code>mlhim2:DvEncapsulated</code> Complex Types <code>mlhim2:DvMediaType</code> , <code>mlhim2:DvParsableType</code>
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:size</code> , <code>mlhim2:charset{0,1}</code> , <code>mlhim2:language{0,1}</code>
Children	<code>mlhim2:ExceptionalValue</code> , <code>mlhim2:charset</code> , <code>mlhim2:data-name</code> , <code>mlhim2:language</code> , <code>mlhim2:size</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code>
Source	<pre> <xs:complexType abstract="true" name="DvEncapsulatedType"> <xs:annotation> <xs:documentation>Abstract class defining the common meta-data of all types of encapsulated data.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:DvAnyType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" name="size" type="xs:int"> <xs:annotation> <xs:documentation>Original size in bytes of unencoded encapsulated data. I.e. encodings such as base64, hexadeciml etc do not change the value of this attribute.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="charset" type="xs:string"> <xs:annotation> </pre>

```

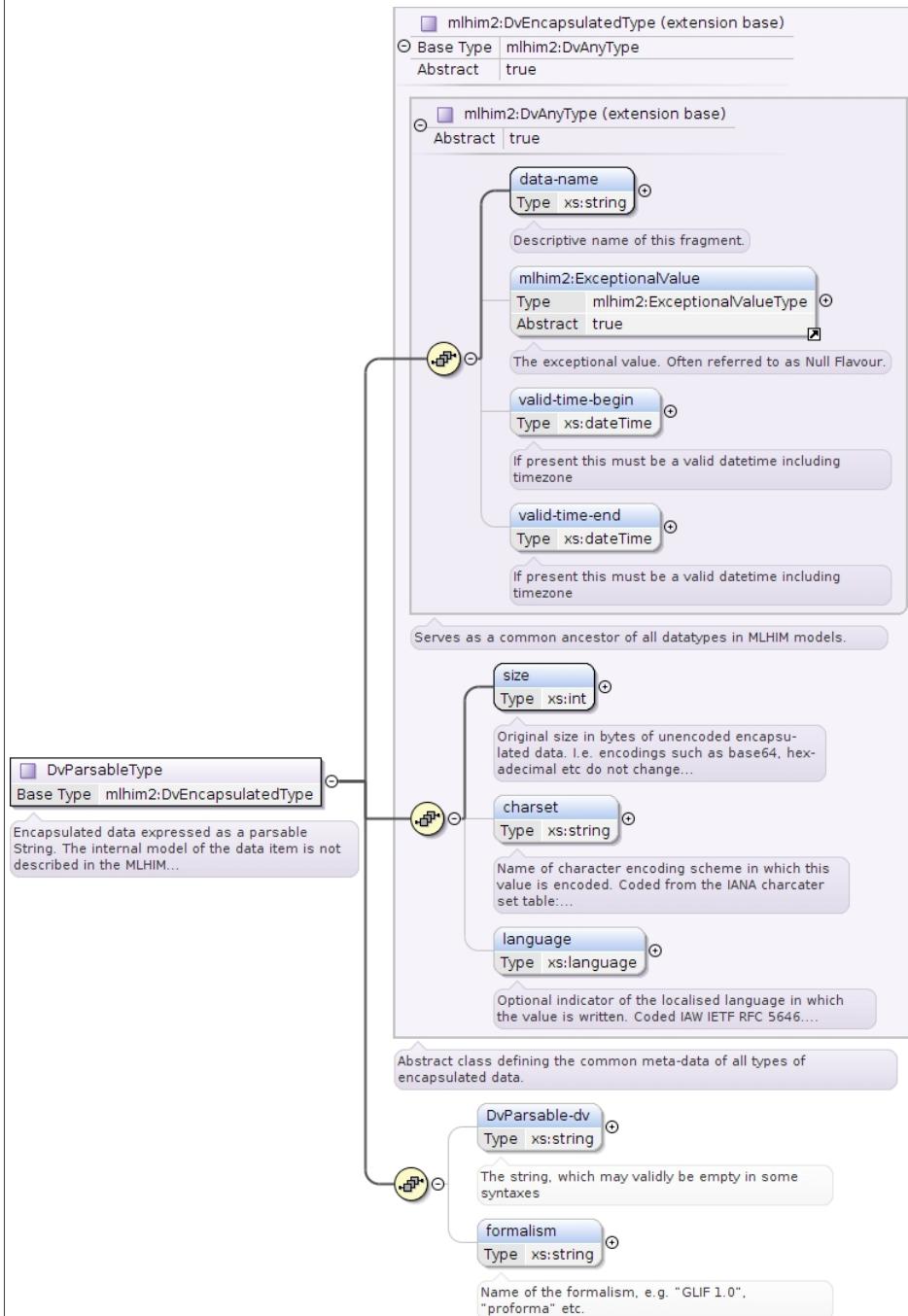
<xs:documentation>Name of character encoding scheme in which this value is encoded.
Coded from the IANA character set table: http://www.iana.org/assignments/character-sets Unicode is
the default assumption in MLHIM, with UTF-8 being the assumed encoding. This attribute allows for
variations from these assumptions.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="0" name="language" type="xs:language">
    <xs:annotation>
        <xs:documentation>Optional indicator of the localised language in which the value is
written. Coded IAW IETF RFC 5646. http://tools.ietf.org/html/rfc5646 language tag information
should be used from the IANA registry http://www.iana.org/assignments/language-subtag-registry Only
used when the text object is in a different language from the enclosing CCD.</xs:documentation>
    </xs:annotation>
    </xs:element>
    </xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

Complex Type mlhim2:DvParsableType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Encapsulated data expressed as a parsable String. The internal model of the data item is not described in the MLHIM model in common with other encapsulated types, but in this case, the form of the data is assumed to be plaintext, rather than compressed or other types of large binary data.

Diagram



Type	extension of <code>mlhim2:DvEncapsulatedType</code>
Type hierarchy	<ul style="list-style-type: none"> <code>mlhim2:DvAnyType</code> <code>mlhim2:DvEncapsulatedType</code> <code>mlhim2:DvParsableType</code>
Used by	<code>Elements</code> <code>mlhim2:DvParsable</code> , <code>mlhim2:proof</code>
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:size</code> , <code>mlhim2:charset{0,1}</code> , <code>mlhim2:language{0,1}</code> , <code>mlhim2:DvParsable-dv{0,1}</code> , <code>mlhim2:formalism{0,1}</code>
Children	<code>mlhim2:DvParsable-dv</code> , <code>mlhim2:ExceptionalValue</code> , <code>mlhim2:charset</code> , <code>mlhim2:data-name</code> , <code>mlhim2:formalism</code> , <code>mlhim2:language</code> , <code>mlhim2:size</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code>
Source	<pre> <xss:complexType name="DvParsableType"> <xss:annotation> <xss:documentation>Encapsulated data expressed as a parsable String. The internal model of the data item is not described in the MLHIM model in common with other encapsulated types, but in this </xss:documentation> </xss:annotation> </pre>

```

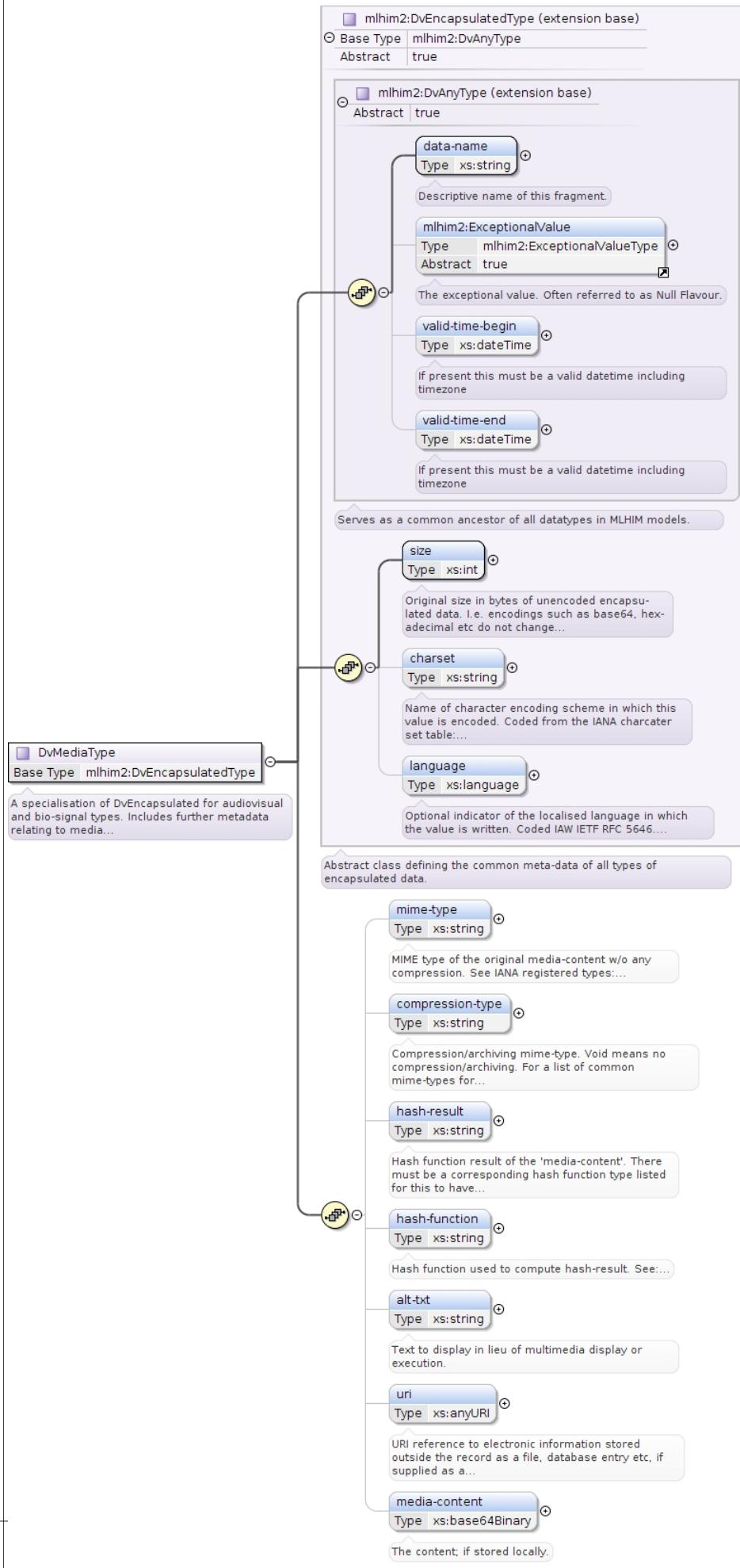
case, the form of the data is assumed to be plaintext, rather than compressed or other types of
large binary data.</xs:documentation>
</xs:annotation>
<xs:complexContent>
  <xs:extension base="mlhim2:DvEncapsulatedType">
    <xs:sequence>
      <xs:element maxOccurs="1" minOccurs="0" name="DvParseable-dv" type="xs:string">
        <xs:annotation>
          <xs:documentation>The string, which may validly be empty in some syntaxes</
xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element maxOccurs="1" minOccurs="0" name="formalism" type="xs:string">
        <xs:annotation>
          <xs:documentation>Name of the formalism, e.g. "GLIF 1.0", "proforma" etc.</
xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:extension>
</xs:complexContent>
</xs:complexType>

```

Complex Type mlhim2:DvMediaType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	A specialisation of DvEncapsulated for audiovisual and bio-signal types. Includes further metadata relating to media types which are not applicable to other subtypes of DvEncapsulated.

Diagram

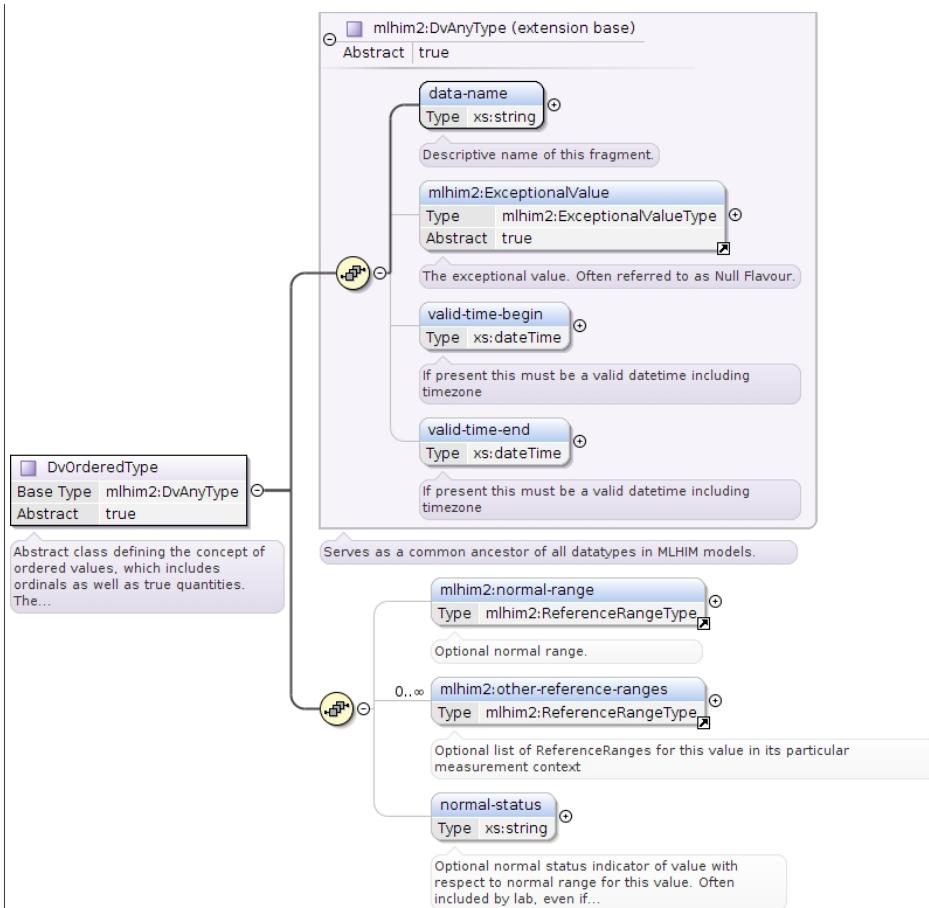


Type	extension of mlhim2:DvEncapsulatedType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:DvEncapsulatedType • mlhim2:DvMediaType
Used by	Elements mlhim2:DvMedia, mlhim2:attested-view
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:size , mlhim2:charset{0,1} , mlhim2:language{0,1} , mlhim2:mime-type{0,1} , mlhim2:compression-type{0,1} , mlhim2:hash-result{0,1} , mlhim2:hash-function{0,1} , mlhim2:alt-txt{0,1} , mlhim2:uri{0,1} , mlhim2:media-content{0,1}
Children	mlhim2:ExceptionalValue, mlhim2:alt-txt, mlhim2:charset, mlhim2:compression-type, mlhim2:data-name, mlhim2:hash-function, mlhim2:hash-result, mlhim2:language, mlhim2:media-content, mlhim2:mime-type, mlhim2:size, mlhim2:uri, mlhim2:valid-time-begin, mlhim2:valid-time-end
Source	<pre> <xs:complexType name="DvMediaType"> <xs:annotation> <xs:documentation>A specialisation of DvEncapsulated for audiovisual and bio-signal types. Includes further metadata relating to media types which are not applicable to other subtypes of DvEncapsulated.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:DvEncapsulatedType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="0" name="mime-type" type="xs:string"> <xs:annotation> <xs:documentation>MIME type of the original media-content w/o any compression. See IANA registered types: http://www.iana.org/assignments/media-types/index.html</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="compression-type" type="xs:string"> <xs:annotation> <xs:documentation>Compression/archiving mime-type. Void means no compression/archiving. For a list of common mime-types for compression/archiving see: http://en.wikipedia.org/wiki/List_of_archive_formats</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="hash-result" type="xs:string"> <xs:annotation> <xs:documentation>Hash function result of the 'media-content'. There must be a corresponding hash function type listed for this to have any meaning. See: http://en.wikipedia.org/wiki/List_of_hash_functions#Cryptographic_hash_functions</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="hash-function" type="xs:string"> <xs:annotation> <xs:documentation>Hash function used to compute hash-result. See: http://en.wikipedia.org/wiki/List_of_hash_functions#Cryptographic_hash_functions</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="alt-txt" type="xs:string"> <xs:annotation> <xs:documentation>Text to display in lieu of multimedia display or execution.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="uri" type="xs:anyURI"> <xs:annotation> <xs:documentation>URI reference to electronic information stored outside the record as a file, database entry etc, if supplied as a reference.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="media-content" type="xs:base64Binary"> <xs:annotation> <xs:documentation>The content; if stored locally.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:DvOrderedType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Abstract class defining the concept of ordered values, which includes ordinals as well as true quantities. The implementations require the functions '<', '>' and is_strictly_comparable_to ('==').

Diagram



Type	extension of <code>mlhim2:DvAnyType</code>	
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> • <code>mlhim2:DvOrderedType</code> 	
Properties	abstract: true	
Used by	Element <code>mlhim2:DvOrdered</code> Complex Types <code>mlhim2:DvOrdinalType</code> , <code>mlhim2:DvQuantifiedType</code> , <code>mlhim2:DvTemporalType</code>	
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:normal-range{0,1}</code> , <code>mlhim2:other-reference-ranges*</code> , <code>mlhim2:normal-status{0,1}</code>	
Children	<code>mlhim2:ExceptionalValue</code> , <code>mlhim2:data-name</code> , <code>mlhim2:normal-range</code> , <code>mlhim2:normal-status</code> , <code>mlhim2:other-reference-ranges</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code>	
Source	<pre> <xs:complexType abstract="true" name="DvOrderedType"> <xs:annotation> <xs:documentation>Abstract class defining the concept of ordered values, which includes ordinals as well as true quantities. The implementations require the functions '<', '>' and is_strictly_comparable_to ('==').</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:DvAnyType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="0" ref="mlhim2:normal-range"> <xs:annotation> <xs:documentation>Optional normal range.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="unbounded" minOccurs="0" ref="mlhim2:other-reference-ranges"> <xs:annotation> <xs:documentation>Optional list of ReferenceRanges for this value in its particular measurement context</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="normal-status" type="xs:string"> <xs:annotation> </pre>	

```

<xs:documentation>Optional normal status indicator of value with respect to normal range
for this value. Often included by lab, even if the normal range itself is not included. Coded by
ordinals in series HHH, HH, H, (nothing), L, LL, LLL, etc.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

Complex Type mlhim2:ReferenceRangeType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Defines a named range to be associated with any ORDERED datum. Each such range is particular to the patient and context, e.g. sex, age, and any other factor which affects ranges. May be used to represent normal, therapeutic, dangerous, critical etc ranges.
Diagram	<p>The diagram illustrates the structure of the mlhim2:ReferenceRangeType. It is an abstract class (Abstract true) that extends mlhim2:DvAnyType (extension base). The class has several attributes:</p> <ul style="list-style-type: none"> data-name: Type xs:string. Description: Descriptive name of this fragment. mlhim2:ExceptionalValue: Type mlhim2:ExceptionalValueType, Abstract true. Description: The exceptional value. Often referred to as Null Flavour. valid-time-begin: Type xs:dateTime. Description: If present this must be a valid datetime including timezone. valid-time-end: Type xs:dateTime. Description: If present this must be a valid datetime including timezone. ReferenceRange-definition: Type xs:string. Description: Term whose value indicates the meaning of this range, e.g. "normal", "critical", "therapeutic" etc. mlhim2:data-range: Type mlhim2:DvIntervalType. Description: The data range for this meaning. <p>A callout box provides a detailed description of the ReferenceRangeType:</p> <p>Defines a named range to be associated with any ORDERED datum. Each such range is particular to the patient and...</p> <p>Serves as a common ancestor of all datatypes in MLHIM models.</p>
Type	extension of mlhim2:DvAnyType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:ReferenceRangeType
Used by	Elements mlhim2:ReferenceRange , mlhim2:normal-range , mlhim2:other-reference-ranges
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:ReferenceRange-definition , mlhim2:data-range
Children	mlhim2:ExceptionalValue , mlhim2:ReferenceRange-definition , mlhim2:data-name , mlhim2:data-range , mlhim2:valid-time-begin , mlhim2:valid-time-end
Source	<pre> <xs:complexType name="ReferenceRangeType"> <xs:annotation> <xs:documentation>Defines a named range to be associated with any ORDERED datum. Each such range is particular to the patient and context, e.g. sex, age, and any other factor which affects ranges. May be used to represent normal, therapeutic, dangerous, critical etc ranges.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:DvAnyType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" name="ReferenceRange-definition" type="xs:string"> <xs:annotation> </pre>

```

<xs:documentation>Term whose value indicates the meaning of this range, e.g. "normal",
"critical", "therapeutic" etc.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:data-range">
<xs:annotation>
<xs:documentation>The data range for this meaning.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

Complex Type mlhim2:DvIntervalType

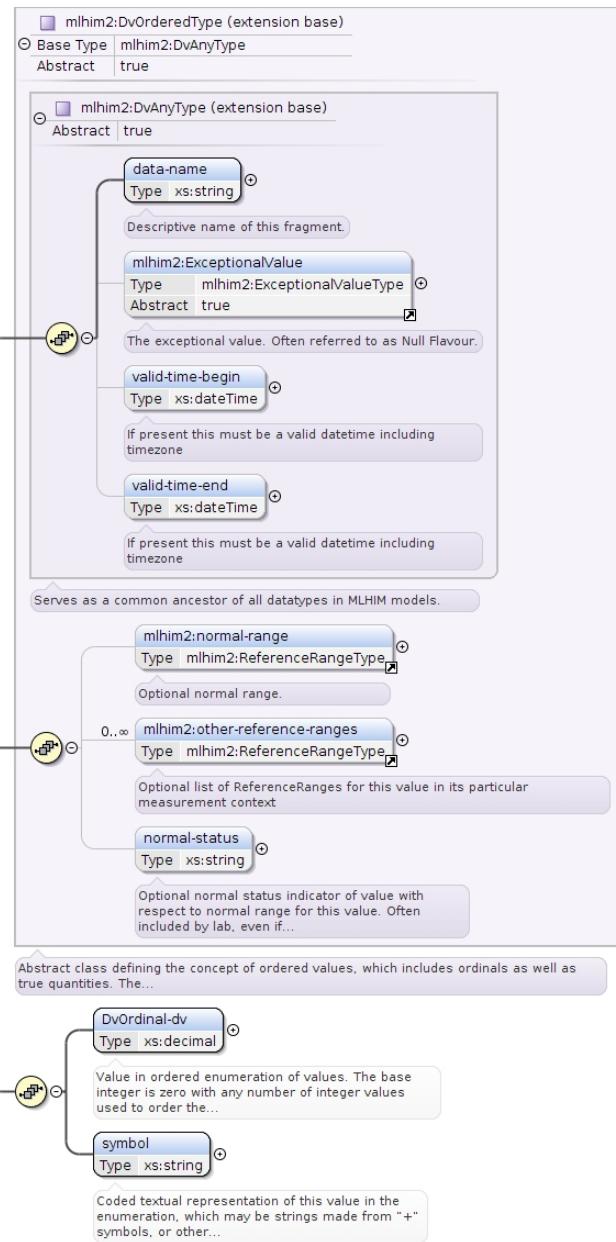
Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	<p>Generic class defining an interval (i.e. range) of a comparable type. An interval is a contiguous subrange of a comparable base type. Used to define intervals of dates, times, quantities Whose units of measure match and datatypes are the same and are ordered.</p>
Diagram	<p>The diagram illustrates the UML class structure for the complex type <code>DvIntervalType</code>. It inherits from the abstract base class <code>mlhim2:DvAnyType</code>, which is itself an extension of <code>xs:anyType</code>. The <code>DvIntervalType</code> class defines several attributes:</p> <ul style="list-style-type: none"> <code>data-name</code>: A string type attribute representing a descriptive name of the fragment. <code>mlhim2:ExceptionalValue</code>: An abstract attribute of type <code>mlhim2:ExceptionalValueType</code>, described as the exceptional value, often referred to as Null Flavour. <code>valid-time-begin</code>: A date-time type attribute representing the start of the valid time period. <code>valid-time-end</code>: A date-time type attribute representing the end of the valid time period. <code>lower</code>: An anyType type attribute representing the lower bound of the interval. <code>upper</code>: An anyType type attribute representing the upper bound of the interval. <code>lower-included</code>: A boolean type attribute indicating if the lower bound is included in the interval. <code>upper-included</code>: A boolean type attribute indicating if the upper bound is included in the interval. <code>lower-unbounded</code>: A boolean type attribute indicating if the lower bound is unbounded. <code>upper-unbounded</code>: A boolean type attribute indicating if the upper bound is unbounded. <p>A note at the bottom of the diagram states: "Serves as a common ancestor of all datatypes in MLHIM models."</p>

Type	extension of mlhim2:DvAnyType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:DvIntervalType
Used by	Elements mlhim2:DvInterval, mlhim2:data-range
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:lower , mlhim2:upper , mlhim2:lower-included , mlhim2:upper-included , mlhim2:lower-unbounded , mlhim2:upper-unbounded
Children	mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:lower, mlhim2:lower-included, mlhim2:lower-unbounded, mlhim2:upper, mlhim2:upper-included, mlhim2:upper-unbounded, mlhim2:valid-time-begin, mlhim2:valid-time-end
Source	<pre> <xs:complexType name="DvIntervalType"> <xs:annotation> <xs:documentation>Generic class defining an interval (i.e. range) of a comparable type. An interval is a contiguous subrange of a comparable base type. Used to define intervals of dates, times, quantities whose units of measure match and datatypes are the same and are ordered.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:DvAnyType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" name="lower" type="xs:anyType"> <xs:annotation> <xs:documentation>lower value</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" name="upper" type="xs:anyType"> <xs:annotation> <xs:documentation>upper value</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" name="lower-included" type="xs:boolean"> <xs:annotation> <xs:documentation>is lower included in interval</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" name="upper-included" type="xs:boolean"> <xs:annotation> <xs:documentation>is upper included in interval</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" name="lower-unbounded" type="xs:boolean"> <xs:annotation> <xs:documentation>is lower bounded</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" name="upper-unbounded" type="xs:boolean"> <xs:annotation> <xs:documentation>is upper bounded</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:DvOrdinalType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	<p>Models rankings and scores, e.g. pain, Apgar values, etc, where there is a) implied ordering, b) no implication that the distance between each value is constant, and c) the total number of values is finite. Note that although the term 'ordinal' in mathematics means natural numbers only, here any decimal is allowed, since negative and zero values are often used by medical professionals for values around a neutral point. Also, decimal values are sometimes used such as 0.5 or .25 Examples of sets of ordinal values: -3, -2, -1, 0, 1, 2, 3 -- reflex response values 0, 1, 2 -- Apgar values Used for recording any clinical datum which is customarily recorded using symbolic values.</p> <p>Example: the results on a urinalysis strip, e.g. {neg, trace, +, ++, +++} are used for leucocytes, protein, nitrites etc; for non-haemolysed blood {neg, trace, moderate}; for haemolysed blood {neg, trace, small, moderate, large}.</p>

Diagram



Type	extension of <code>mlhim2:DvOrderedType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:DvAnyType</code> • <code>mlhim2:DvOrderedType</code> • <code>mlhim2:DvOrdinalType</code>
Used by	Element <code>mlhim2:DvOrdinal</code>
Model	<code>mlhim2:data-name</code> , <code>mlhim2:ExceptionalValue{0,1}</code> , <code>mlhim2:valid-time-begin{0,1}</code> , <code>mlhim2:valid-time-end{0,1}</code> , <code>mlhim2:normal-range{0,1}</code> , <code>mlhim2:other-reference-ranges*</code> , <code>mlhim2:normal-status{0,1}</code> , <code>mlhim2:DvOrdinal-dv</code> , <code>mlhim2:symbol</code>
Children	<code>mlhim2:DvOrdinal-dv</code> , <code>mlhim2:ExceptionalValue</code> , <code>mlhim2:data-name</code> , <code>mlhim2:normal-range</code> , <code>mlhim2:normal-status</code> , <code>mlhim2:other-reference-ranges</code> , <code>mlhim2:symbol</code> , <code>mlhim2:valid-time-begin</code> , <code>mlhim2:valid-time-end</code>
Source	<pre><xs:complexType name="DvOrdinalType"> <xs:annotation> <xs:documentation>Models rankings and scores, e.g. pain, Apgar values, etc, where there is a) implied ordering, b) no implication that the distance between each value is constant, and c) the total number of values is finite. Note that although the term 'ordinal' in mathematics means natural numbers only, here any decimal is allowed, since negative and zero values are often used by medical professionals for values around a neutral point. Also, decimal values are sometimes used such as 0.5 or .25 Examples of sets of ordinal values: -3, -2, -1, 0, 1, 2, 3 -- reflex response values 0, 1, 2 -- Apgar values Used for recording any clinical datum which is customarily recorded using symbolic values. Example: the results on a urinalysis strip, e.g. {neg, trace, +, ++, +++}</xs:documentation> </xs:annotation> </xs:complexType></pre>

```

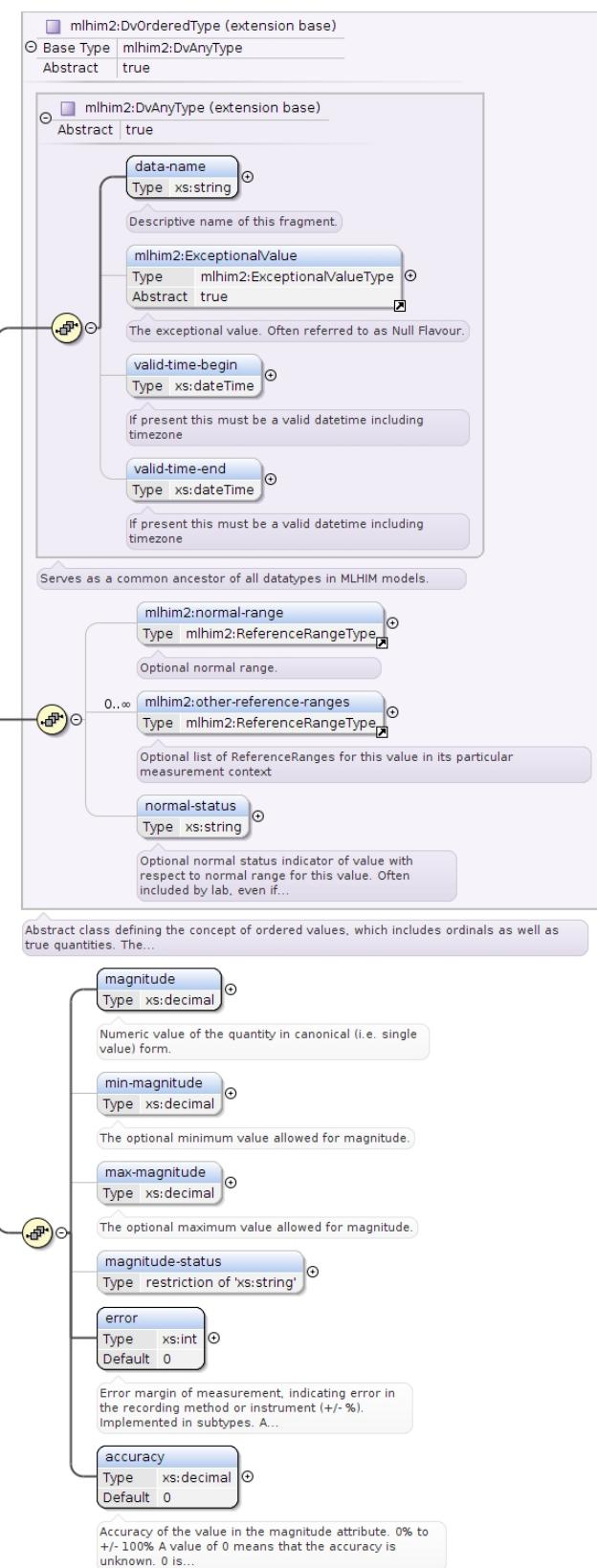
are used for leucocytes, protein, nitrites etc; for non-haemolysed blood {neg, trace, moderate};
for haemolysed blood {neg, trace, small, moderate, large}.</xs:documentation>
</xs:annotation>
<xs:complexContent>
  <xs:extension base="mlhim2:DvOrderedType">
    <xs:sequence>
      <xs:element maxOccurs="1" minOccurs="1" name="DvOrdinal-dv" type="xs:decimal">
        <xs:annotation>
          <xs:documentation>Value in ordered enumeration of values. The base integer is zero with
any number of integer values used to order the symbols. Example 1: 0 = Trace, 1 = +, 2 = ++
+, etc. Example 2: 0 = Mild, 1 = Moderate, 2 = Severe</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element maxOccurs="1" minOccurs="1" name="symbol" type="xs:string">
        <xs:annotation>
          <xs:documentation>Coded textual representation of this value in the enumeration, which
may be strings made from "+" symbols, or other enumerations of terms such as "mild", "moderate",
"severe", or even the same number series as the values, e.g. "1", "2", "3".</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:extension>
</xs:complexContent>
</xs:complexType>

```

Complex Type mlhim2:DvQuantifiedType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Abstract class defining the concept of true quantified values, i.e. values which are not only ordered, but which have a precise magnitude.

Diagram



Type	extension of mlhim2:DvOrderedType
------	-----------------------------------

Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:DvOrderedType • mlhim2:DvQuantifiedType
----------------	---

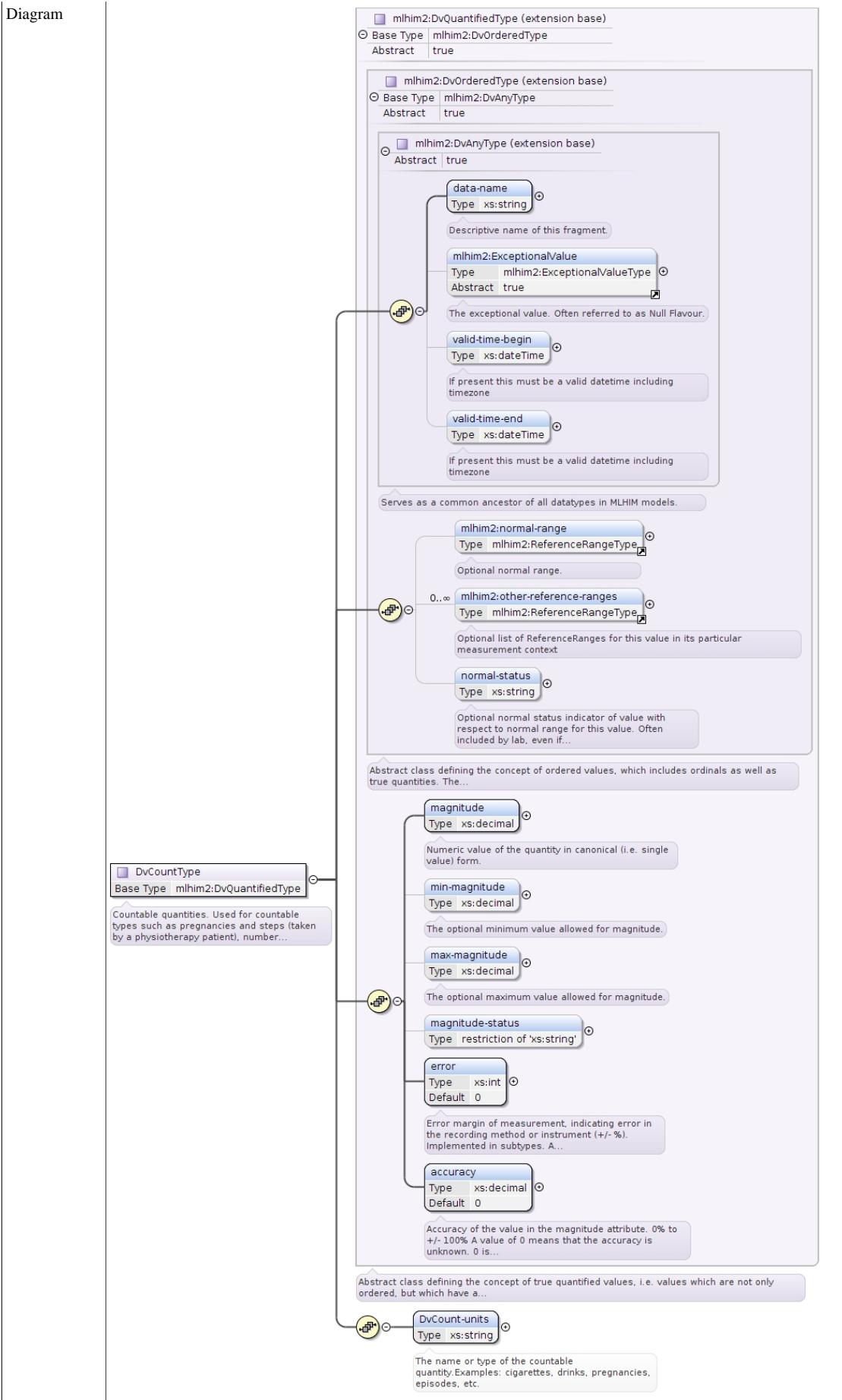
Properties	abstract: true
Used by	Element mlhim2:DvQuantified
	Complex Types mlhim2:DvCountType, mlhim2:DvQuantityType, mlhim2:DvRatioType
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:normal-range{0,1} , mlhim2:other-reference-ranges* , mlhim2:normal-status{0,1} , mlhim2:magnitude , mlhim2:min-magnitude{0,1} , mlhim2:max-magnitude{0,1} , mlhim2:magnitude-status{0,1} , mlhim2:error , mlhim2:accuracy
Children	mlhim2:ExceptionalValue, mlhim2:accuracy, mlhim2:data-name, mlhim2:error, mlhim2:magnitude, mlhim2:magnitude-status, mlhim2:max-magnitude, mlhim2:min-magnitude, mlhim2:normal-range, mlhim2:normal-status, mlhim2:other-reference-ranges, mlhim2:valid-time-begin, mlhim2:valid-time-end
Source	<pre> <xs:complexType abstract="true" name="DvQuantifiedType"> <xs:annotation> <xs:documentation>Abstract class defining the concept of true quantified values, i.e. values which are not only ordered, but which have a precise magnitude.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:DvOrderedType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" name="magnitude" type="xs:decimal"> <xs:annotation> <xs:documentation>Numeric value of the quantity in canonical (i.e. single value) form.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="min-magnitude" type="xs:decimal"> <xs:annotation> <xs:documentation>The optional minimum value allowed for magnitude.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="max-magnitude" type="xs:decimal"> <xs:annotation> <xs:documentation>The optional maximum value allowed for magnitude.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="magnitude-status"> <xs:annotation> <xs:documentation> <!-- Optional status of magnitude with values: . "=" : magnitude is a point value . "<" : value is < magnitude . ">" : value is > magnitude . "<=" : value is <= magnitude . ">=" : value is >= magnitude . "~" : value is approximately magnitude If not present, meaning is "=".--> </xs:documentation> </xs:annotation> </xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="/"> <xs:enumeration value="<"/> <xs:enumeration value=""/> <xs:enumeration value="<="/> <xs:enumeration value=">="/> <xs:enumeration value="~"/> </xs:restriction> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> <xs:element maxOccurs="1" minOccurs="1" name="error" default="0" type="xs:int"> <xs:annotation> <xs:documentation>Error margin of measurement, indicating error in the recording method or instrument (+/- %). Implemented in subtypes. A logical value of 0 (default) indicates 100% accuracy, i.e. no error.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" name="accuracy" default="0" type="xs:decimal"> <xs:annotation> <xs:documentation>Accuracy of the value in the magnitude attribute. 0% to +/- 100% A value of 0 means that the accuracy is unknown. 0 is the default value.</xs:documentation> </xs:annotation> </xs:element> </pre>

```
</xs:extension>
</xs:complexContent>
</xs:complexType>
```

Complex Type mlhim2:DvCountType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Countable quantities. Used for countable types such as pregnancies and steps (taken by a physiotherapy patient), number of cigarettes smoked in a day, etc. Misuse:Not used for amounts of physical entities (which all have standardized units)

Diagram

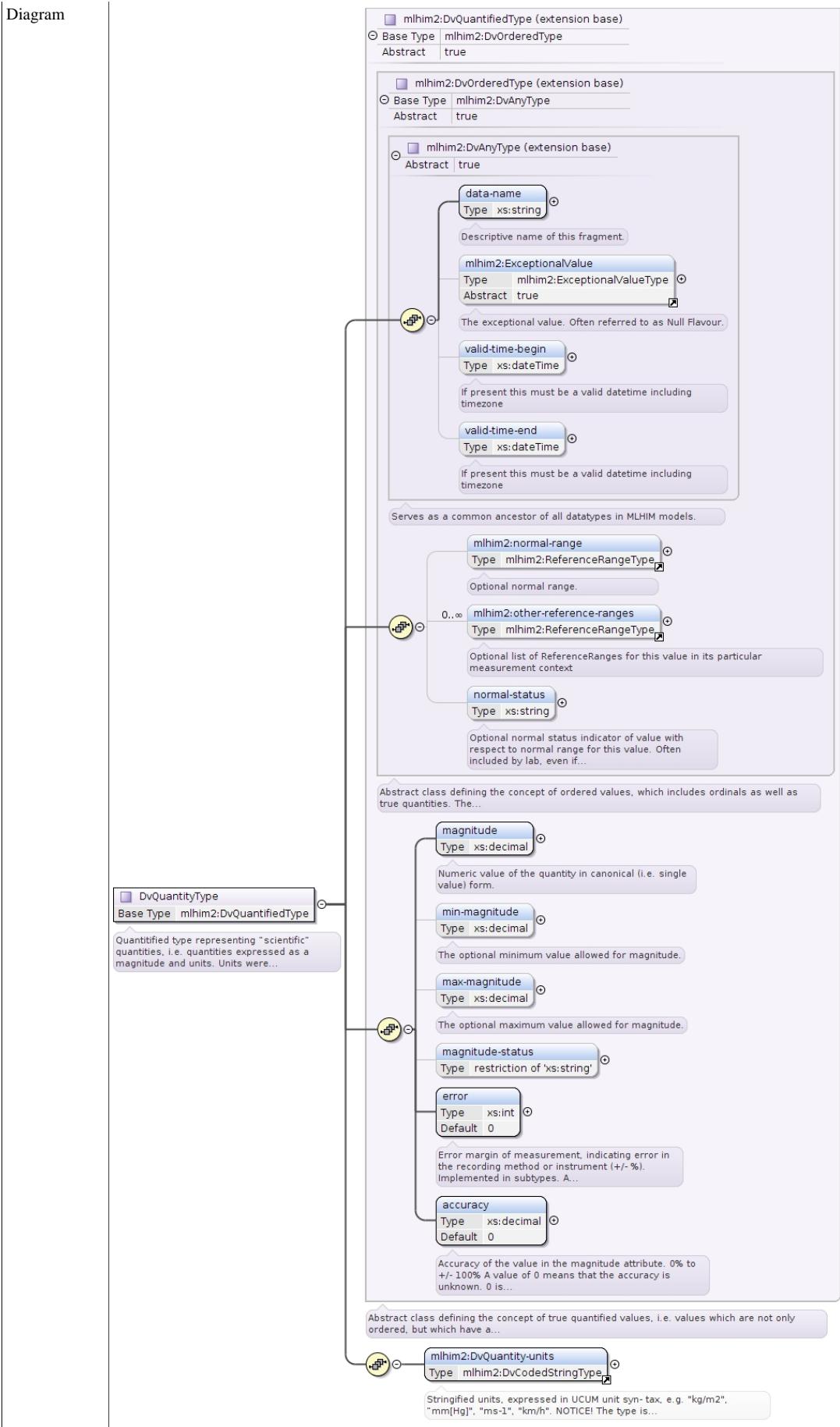


Type	extension of mlhim2:DvQuantifiedType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:DvOrderedType • mlhim2:DvQuantifiedType • mlhim2:DvCountType
Used by	Element mlhim2:DvCount
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:normal-range{0,1} , mlhim2:other-reference-ranges* , mlhim2:normal-status{0,1} , mlhim2:magnitude , mlhim2:min-magnitude{0,1} , mlhim2:max-magnitude{0,1} , mlhim2:magnitude-status{0,1} , mlhim2:error , mlhim2:accuracy , mlhim2:DvCount-units
Children	mlhim2:DvCount-units, mlhim2:ExceptionalValue, mlhim2:accuracy, mlhim2:data-name, mlhim2:error, mlhim2:magnitude, mlhim2:magnitude-status, mlhim2:max-magnitude, mlhim2:min-magnitude, mlhim2:normal-range, mlhim2:normal-status, mlhim2:other-reference-ranges, mlhim2:valid-time-begin, mlhim2:valid-time-end
Source	<pre><xss:complexType name="DvCountType"> <xss:annotation> <xss:documentation>Countable quantities. Used for countable types such as pregnancies and steps (taken by a physiotherapy patient), number of cigarettes smoked in a day, etc. Misuse:Not used for amounts of physical entities (which all have standardized units)</xss:documentation> </xss:annotation> <xss:complexContent> <xss:extension base="mlhim2:DvQuantifiedType"> <xss:sequence> <xss:element maxOccurs="1" minOccurs="1" name="DvCount-units" type="xs:string"> <xss:annotation> <xss:documentation>The name or type of the countable quantity.Examples: cigarettes, drinks, pregnancies, episodes, etc.</xss:documentation> </xss:annotation> </xss:element> </xss:sequence> </xss:extension> </xss:complexContent> </xss:complexType></pre>

Complex Type mlhim2:DvQuantityType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	<p>Quantitified type representing "scientific" quantities, i.e. quantities expressed as a magnitude and units. Units were inspired by the Unified Code for Units of Measure (UCUM), developed by Gunther Schadow and Clement J. McDonald of The Regenstrief Institute. http://unitsofmeasure.org/ Can also be used for time durations, where it is more convenient to treat these as simply a number of individual seconds, minutes, hours, days, months, years, etc. when no temporal calculation is to be performed.</p>

Diagram

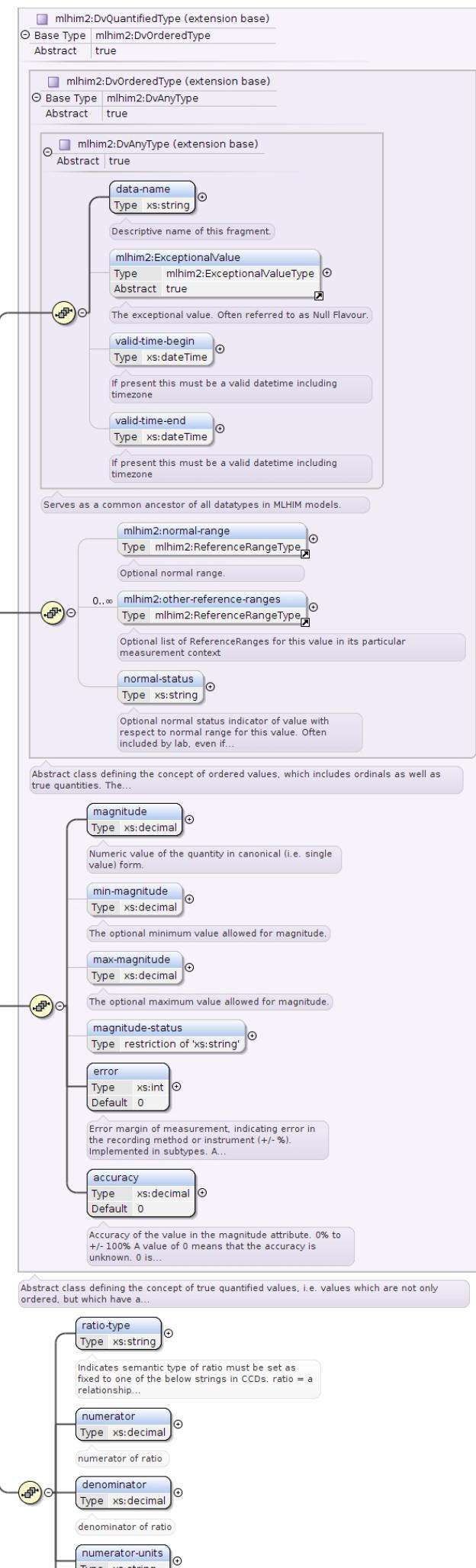


Type	extension of mlhim2:DvQuantifiedType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:DvOrderedType • mlhim2:DvQuantifiedType • mlhim2:DvQuantityType
Used by	Element mlhim2:DvQuantity
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:normal-range{0,1} , mlhim2:other-reference-ranges* , mlhim2:normal-status{0,1} , mlhim2:magnitude , mlhim2:min-magnitude{0,1} , mlhim2:max-magnitude{0,1} , mlhim2:magnitude-status{0,1} , mlhim2:error , mlhim2:accuracy , mlhim2:DvQuantity-units
Children	mlhim2:DvQuantity-units, mlhim2:ExceptionalValue, mlhim2:accuracy, mlhim2:data-name, mlhim2:error, mlhim2:magnitude, mlhim2:magnitude-status, mlhim2:max-magnitude, mlhim2:min-magnitude, mlhim2:normal-range, mlhim2:normal-status, mlhim2:other-reference-ranges, mlhim2:valid-time-begin, mlhim2:valid-time-end
Source	<pre><xs:complexType name="DvQuantityType"> <xs:annotation> <xs:documentation>Quantified type representing "scientific" quantities, i.e. quantities expressed as a magnitude and units. Units were inspired by the Unified Code for Units of Measure (UCUM), developed by Gunther Schadow and Clement J. McDonald of The Regenstrief Institute. http://unitsofmeasure.org/ Can also be used for time durations, where it is more convenient to treat these as simply a number of individual seconds, minutes, hours, days, months, years, etc. when no temporal calculation is to be performed.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:DvQuantifiedType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:DvQuantity-units"> <xs:annotation> <xs:documentation>Stringified units, expressed in UCUM unit syn- tax, e.g. "kg/m2", "mm[Hg]", "ms-1", "km/h". NOTICE! The type is DvCodedString and it must be completed correctly. Entering a string as a 'value' here will cause the CCD to be invalid. UOM codes can be found: http://aurora.regenstrief.org/~ucum/ucum.html Also see: http://www.unitsofmeasure.org/ Also available in other terminologies such as SNOMEDCT.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:DvRatioType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Models a ratio of values, i.e. where the numerator and denominator are both pure numbers. Should not be used to represent things like blood pressure which are often written using a '/' character, giving the misleading impression that the item is a ratio, when in fact it is a structured value. Similarly, visual acuity, often written as (e.g.) "6/24" in clinical notes is not a ratio but an ordinal (which includes non-numeric symbols like CF = count fingers etc). Should not be used for formulations.

Diagram



Type	extension of mlhim2:DvQuantifiedType
Type hierarchy	<ul style="list-style-type: none"> mlhim2:DvAnyType mlhim2:DvOrderedType mlhim2:DvQuantifiedType mlhim2:DvRatioType
Used by	Element mlhim2:DvRatio
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:normal-range{0,1} , mlhim2:other-reference-ranges* , mlhim2:normal-status{0,1} , mlhim2:magnitude , mlhim2:min-magnitude{0,1} , mlhim2:max-magnitude{0,1} , mlhim2:magnitude-status{0,1} , mlhim2:error , mlhim2:accuracy , mlhim2:ratio-type , mlhim2:denominator , mlhim2:denominator-units , mlhim2:denominator-units
Children	mlhim2:ExceptionalValue, mlhim2:accuracy, mlhim2:data-name, mlhim2:denominator, mlhim2:denominator-units, mlhim2:error, mlhim2:magnitude, mlhim2:magnitude-status, mlhim2:max-magnitude, mlhim2:min-magnitude, mlhim2:normal-range, mlhim2:normal-status, mlhim2:denominator-units, mlhim2:denominator-units, mlhim2:other-reference-ranges, mlhim2:ratio-type, mlhim2:valid-time-begin, mlhim2:valid-time-end
Source	<pre> <xs:complexType name="DvRatioType"> <xs:annotation> <xs:documentation>Models a ratio of values, i.e. where the numerator and denominator are both pure numbers. Should not be used to represent things like blood pressure which are often written using a '/' character, giving the misleading impression that the item is a ratio, when in fact it is a structured value. Similarly, visual acuity, often written as (e.g.) "6/24" in clinical notes is not a ratio but an ordinal (which includes non-numeric symbols like CF = count fingers etc). Should not be used for formulations.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:DvQuantifiedType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" name="ratio-type" type="xs:string"> <xs:annotation> <xs:documentation>Indicates semantic type of ratio must be set as fixed to one of the below strings in CCDs. ratio = a relationship between two numbers. proportion = a relationship between two numbers where there is a bi-univocal relationship between the numerator and the denominator (the numerator is contained in the denominator) rate = a relationship between two numbers where there is not a bi-univocal relationship between the numerator and the denominator (the numerator is not contained in the denominator)</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" name="numerator" type="xs:decimal"> <xs:annotation> <xs:documentation>numerator of ratio</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" name="denominator" type="xs:decimal"> <xs:annotation> <xs:documentation>denominator of ratio</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" name="numerator-units" type="xs:string"> <xs:annotation> <xs:documentation>Used to convey the meaning of the numerator. Typically countable units such as; cigarettes, drinks, exercise periods, etc. May or may not come from a terminology such as UCUM.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" name="denominator-units" type="xs:string"> <xs:annotation> <xs:documentation>Used to convey the meaning of the denominator. Typically units such as; days, years, months, etc. May or may not come from a standard terminology.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:DvTemporalType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	<p>Class defining the concept of date and time types. Must be constrained in CCDs to be one of the below elements. This gives the modeller the ability to optionally allow partial dates at run time. Setting maxOccurs and minOccurs to zero cause the element to be prohibited.</p>

Diagram



Type	extension of mlhim2:DvOrderedType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:DvAnyType • mlhim2:DvOrderedType • mlhim2:DvTemporalType
Used by	Element mlhim2:DvTemporal
Model	mlhim2:data-name , mlhim2:ExceptionalValue{0,1} , mlhim2:valid-time-begin{0,1} , mlhim2:valid-time-end{0,1} , mlhim2:normal-range{0,1} , mlhim2:other-reference-ranges* , mlhim2:normal-status{0,1} , mlhim2:dvtemporal-date{0,1} , mlhim2:dvtemporal-time{0,1} , mlhim2:dvtemporal-datetime{0,1} , mlhim2:dvtemporal-day{0,1} , mlhim2:dvtemporal-

	month{0,1} , mlhim2:dvtemporal-year{0,1} , mlhim2:dvtemporal-year-month{0,1} , mlhim2:dvtemporal-month-day{0,1} , mlhim2:dvtemporal-duration{0,1}
Children	mlhim2:ExceptionalValue, mlhim2:data-name, mlhim2:dvtemporal-date, mlhim2:dvtemporal-datetime, mlhim2:dvtemporal-day, mlhim2:dvtemporal-duration, mlhim2:dvtemporal-month, mlhim2:dvtemporal-month-day, mlhim2:dvtemporal-time, mlhim2:dvtemporal-year, mlhim2:dvtemporal-year-month, mlhim2:normal-range, mlhim2:normal-status, mlhim2:other-reference-ranges, mlhim2:valid-time-begin, mlhim2:valid-time-end
Source	<pre> <xs:complexType name="DvTemporalType"> <xs:annotation> <xs:documentation>Class defining the concept of date and time types. Must be constrained in CCDs to be one of the below elements. This gives the modeller the ability to optionally allow partial dates at run time. Setting maxOccurs and minOccurs to zero cause the element to be prohibited.</xs:documentation> <xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:DvOrderedType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="0" name="dvtemporal-date" type="xs:date"/> <xs:element maxOccurs="1" minOccurs="0" name="dvtemporal-time" type="xs:time"/> <xs:element maxOccurs="1" minOccurs="0" name="dvtemporal-datetime" type="xs:dateTime"/> <xs:element maxOccurs="1" minOccurs="0" name="dvtemporal-day" type="xs:gDay"/> <xs:element maxOccurs="1" minOccurs="0" name="dvtemporal-month" type="xs:gMonth"/> <xs:element maxOccurs="1" minOccurs="0" name="dvtemporal-year" type="xs:gYear"/> <xs:element maxOccurs="1" minOccurs="0" name="dvtemporal-year-month" type="xs:gYearMonth"/> <xs:element maxOccurs="1" minOccurs="0" name="dvtemporal-month-day" type="xs:gMonthDay"/> <xs:element maxOccurs="1" minOccurs="0" name="dvtemporal-duration" type="xs:duration"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:annotation> </xs:complexType></pre>

Complex Type mlhim2:FeederAuditType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Audit and other meta-data for software applications and systems in the feeder chain. This information is not typically used by modellers but by the applications themselves to "tag" entries when performing an extract.
Diagram	<pre> classDiagram class FeederAuditType { <<Audit and other meta-data for software applications and systems in the feeder chain. This information is not typically...>> } class mlhim2:originating-system-audit { <<Any audit information for the information item from the originating system.>> } class mlhim2:feeder-system-audit { <<Any audit information for the information item from the feeder system, if different from the originating system.>> } class mlhim2:originating-system-ids { <<Identifiers used for the item in the originating system, e.g. filler and placer ids.>> } class mlhim2:feeder-system-ids { <<Identifiers used for the item in the feeder system, where the feeder system is distinct from the originating system.>> } class mlhim2:original-content { <<Reference to original content corresponding to the MLHIM content at this node. Typically a URI reference to a document...>> } FeederAuditType < -- mlhim2:originating-system-audit FeederAuditType < -- mlhim2:feeder-system-audit FeederAuditType --> mlhim2:originating-system-ids FeederAuditType --> mlhim2:feeder-system-ids FeederAuditType --> mlhim2:original-content </pre>
Used by	Elements mlhim2:FeederAudit, mlhim2:feeder-audit
Model	mlhim2:originating-system-audit , mlhim2:originating-system-ids+ , mlhim2:feeder-system-audit , mlhim2:feeder-system-ids+ , mlhim2:original-content
Children	mlhim2:feeder-system-audit, mlhim2:feeder-system-ids, mlhim2:original-content, mlhim2:originating-system-audit, mlhim2:originating-system-ids
Source	<pre> <xs:complexType name="FeederAuditType"> <xs:annotation> <xs:documentation>Audit and other meta-data for software applications and systems in the feeder chain. This information is not typically used by modellers but by the applications themselves to "tag" entries when performing an extract.</xs:documentation> </xs:annotation> </xs:complexType></pre>

```

<xs:sequence>
  <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:originating-system-audit">
    <xs:annotation>
      <xs:documentation>Any audit information for the information item from the originating system.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element maxOccurs="unbounded" minOccurs="1" ref="mlhim2:originating-system-ids">
    <xs:annotation>
      <xs:documentation>Identifiers used for the item in the originating system, e.g. filler and placer ids.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:feeder-system-audit">
    <xs:annotation>
      <xs:documentation>Any audit information for the information item from the feeder system, if different from the originating system.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element maxOccurs="unbounded" minOccurs="1" ref="mlhim2:feeder-system-ids">
    <xs:annotation>
      <xs:documentation>Identifiers used for the item in the feeder system, where the feeder system is distinct from the originating system.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:original-content">
    <xs:annotation>
      <xs:documentation>Reference to original content corresponding to the MLHIM content at this node. Typically a URI reference to a document or message in a persistent store associated with the record.</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>

```

Complex Type mlhim2:FeederAuditDetailsType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Audit details for any system in a feeder system chain. Audit details here means the general notion of who/where/when the information item to which the audit is attached was created. None of the attributes are defined as mandatory, however, in different scenarios, various combinations of attributes will usually be mandatory. This can be controlled by specifying feeder audit details in CCDs used when conjunction with non-MLHIM systems as interface definitions.
Diagram	<p>The diagram illustrates the structure of the FeederAuditDetailsType complex type. It consists of the following components:</p> <ul style="list-style-type: none"> mlhim2:system-id: Type mlhim2:DvIdentifierType. Description: Identifier of the system which handled the information item. mlhim2:provider: Type mlhim2:PartyIdentifiedType. Description: Provider(s) who created, committed, forwarded or otherwise handled the item. mlhim2:location: Type mlhim2:itemType. Description: Identifier of the particular site/facility within an organisation which handled the item. mlhim2:timestamp: Type xs:dateTime. Description: DvDateTime timestamp of handling the item. For an originating system, this will be time of creation, for an... mlhim2:subject: Type mlhim2:PartyProxyType. Description: Identifiers for subject of the received information item. version-id: Type xs:string. Description: Applicable version information. <p>A callout box provides the detailed annotation for the FeederAuditDetailsType:</p> <p>Audit details for any system in a feeder system chain. Audit details here means the general notion of who/where/when...</p>
Used by	Elements mlhim2:FeederAuditDetails, mlhim2:feeder-system-audit, mlhim2:originating-system-audit

Model	mlhim2:system-id , mlhim2:provider , mlhim2:location , mlhim2:timestamp , mlhim2:subject , mlhim2:version-id
Children	mlhim2:location, mlhim2:provider, mlhim2:subject, mlhim2:system-id, mlhim2:timestamp, mlhim2:version-id
Source	<pre> <xs:complexType name="FeederAuditDetailsType"> <xs:annotation> <xs:documentation>Audit details for any system in a feeder system chain. Audit details here means the general notion of who/where/when the information item to which the audit is attached was created. None of the attributes are defined as mandatory, however, in different scenarios, various combinations of attributes will usually be mandatory. This can be controlled by specifying feeder audit details in CCDs used when conjunction with non-MLHIM systems as interface definitions.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:system-id"> <xs:annotation> <xs:documentation>Identifier of the system which handled the information item.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:provider"> <xs:annotation> <xs:documentation>Provider(s) who created, committed, forwarded or otherwise handled the item.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:location"> <xs:annotation> <xs:documentation>Identifier of the particular site/facility within an organisation which handled the item.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:timestamp"> <xs:annotation> <xs:documentation>DvDateTime timestamp of handling the item. For an originating system, this will be time of creation, for an intermediate feeder system, this will be a time of accession or other time of handling, where available.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:subject"> <xs:annotation> <xs:documentation>Identifiers for subject of the received information item.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" name="version-id" type="xs:string"> <xs:annotation> <xs:documentation>Applicable version information.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType></pre>

Complex Type mlhim2:PartyIdentifiedType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	<p>Proxy data for an identified party other than the subject of the record, minimally consisting of human-readable identifier(s), such as name, formal (and possibly computable) identifiers such as NHS number, and an optional link to external data. There must be at least one of name, identifier or external-ref present. Used to describe parties where only identifiers may be known, and there is no entry at all in the demographic system (or even no demographic system). Typically for health care providers, e.g. name and provider number of an institution. Should not be used to include patient identifying information.</p>

Diagram

	<p>mlhim2:PartyProxyType (extension base) Base Type: mlhim2:LocatableType Abstract: true</p> <p>mlhim2:LocatableType (extension base) Abstract: true</p> <ul style="list-style-type: none"> mlhim2:links (Type: mlhim2:DvURIType) Optional link(s) to other Locatable structures or external entities. mlhim2:feeder-audit (Type: mlhim2:FeederAuditType) Audit trail from the system of original commit of information forming the content of this node, or from a conversion... Root class of all information model classes that can be located via links in a data instance. party-name (Type: xs:string) Optional human-readable name (in String form). mlhim2:external-ref (Type: mlhim2:DvURIType) Optional reference to more detailed demographic or identification information for this party, in an external system. Abstract concept of a proxy description of a party, including an optional link to data for this party in a demographic... mlhim2:details (Type: mlhim2:itemType) Structural details about the party
Type	extension of mlhim2:PartyProxyType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType • mlhim2:PartyProxyType • mlhim2:PartyIdentifiedType
Used by	Elements mlhim2:PartyIdentified, mlhim2:provider
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}, mlhim2:party-name{0,1}, mlhim2:external-ref{0,1}, mlhim2:details
Children	mlhim2:details, mlhim2:external-ref, mlhim2:feeder-audit, mlhim2:links, mlhim2:party-name
Source	<pre> <xs:complexType name="PartyIdentifiedType"> <xs:annotation> <xs:documentation>Proxy data for an identified party other than the subject of the record, minimally consisting of human-readable identifier(s), such as name, formal (and possibly computable) identifiers such as NHS number, and an optional link to external data. There must be at least one of name, identifier or external-ref present. Used to describe parties where only identifiers may be known, and there is no entry at all in the demographic system (or even no demographic system). Typically for health care providers, e.g. name and provider number of an institution. Should not be used to include patient identifying information.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:PartyProxyType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:details"> <xs:annotation> <xs:documentation>Structural details about the party</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>

Complex Type mlhim2:PartyProxyType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Abstract concept of a proxy description of a party, including an optional link to data for this party in a demographic or other identity management system. Sub-typed into PartyIdentified and PartySelf.

Diagram	<p>The diagram illustrates the UML class mlhim2:LocatableType (extension base) which is abstract and true. It has an association named mlhim2:links of type mlhim2:DvURIType with multiplicity 0..∞. This association is described as "Optional link(s) to other Locatable structures or external entities." Another association named mlhim2:feeder-audit of type mlhim2:FeederAuditType is shown, with a note: "Audit trail from the system of original commit of information forming the content of this node, or from a conversion..." A third association, party-name, is of type xs:string and is described as "Optional human-readable name (in String form)." A fourth association, mlhim2:external-ref, is of type mlhim2:DvURIType and is described as "Optional reference to more detailed demographic or identification information for this party, in an external system." A box labeled PartyProxyType is shown as a subtype of mlhim2:LocatableType, with a note: "Abstract concept of a proxy description of a party, including an optional link to data for this party in a demographic...".</p>				
Type	extension of mlhim2:LocatableType				
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType <ul style="list-style-type: none"> • mlhim2:PartyProxyType 				
Properties	abstract: true				
Used by	<table border="0"> <tr> <td>Complex Types</td><td>mlhim2:PartyIdentifiedType, mlhim2:PartySelfType</td></tr> <tr> <td>Elements</td><td>mlhim2:PartyProxy, mlhim2:committer, mlhim2:entry-provider, mlhim2:entry-subject, mlhim2:performer, mlhim2:subject</td></tr> </table>	Complex Types	mlhim2:PartyIdentifiedType , mlhim2:PartySelfType	Elements	mlhim2:PartyProxy , mlhim2:committer , mlhim2:entry-provider , mlhim2:entry-subject , mlhim2:performer , mlhim2:subject
Complex Types	mlhim2:PartyIdentifiedType , mlhim2:PartySelfType				
Elements	mlhim2:PartyProxy , mlhim2:committer , mlhim2:entry-provider , mlhim2:entry-subject , mlhim2:performer , mlhim2:subject				
Model	mlhim2:links* , mlhim2:feeder-audit{0,1} , mlhim2:party-name{0,1} , mlhim2:external-ref{0,1}				
Children	mlhim2:external-ref , mlhim2:feeder-audit , mlhim2:links , mlhim2:party-name				
Source	<pre> <xs:complexType abstract="true" name="PartyProxyType"> <xs:annotation> <xs:documentation>Abstract concept of a proxy description of a party, including an optional link to data for this party in a demographic or other identity management system. Sub-typed into PartyIdentified and PartySelf.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:LocatableType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="0" name="party-name" type="xs:string"> <xs:annotation> <xs:documentation>Optional human-readable name (in String form).</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" ref="mlhim2:external-ref"> <xs:annotation> <xs:documentation>Optional reference to more detailed demographic or identification information for this party, in an external system.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>				

Complex Type **mlhim2:LocatableType**

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Root class of all information model classes that can be located via links in a data instance.

Diagram	<p>Root class of all information model classes that can be located via links in a data instance.</p> <p>Optional link(s) to other Locatable structures or external entities.</p> <p>Audit trail from the system of original commit of information forming the content of this node, or from a conversion...</p>
Properties	abstract: true
Used by	Complex Types mlhim2:AttestationType, mlhim2:DefinitionType, mlhim2:PartyProxyType Element mlhim2:Locatable
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}
Children	mlhim2:feeder-audit, mlhim2:links
Source	<pre><xs:complexType abstract="true" name="LocatableType"> <xs:annotation> <xs:documentation>Root class of all information model classes that can be located via links in a data instance.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element maxOccurs="unbounded" minOccurs="0" ref="mlhim2:links"> <xs:annotation> <xs:documentation>Optional link(s) to other Locatable structures or external entities.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" ref="mlhim2:feeder-audit"> <xs:annotation> <xs:documentation>Audit trail from the system of original commit of information forming the content of this node, or from a conversion gateway which has synthesised this node.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType></pre>

Complex Type mlhim2:ItemType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	The abstract parent of Event, Slot, Cluster and Element representation classes.
Diagram	<p>The abstract parent of Event, Slot, Cluster and Element representation classes.</p> <p>Root class of all structural information model classes that can be expressed in a constraint model. IOW: as the value...</p>
Type	extension of mlhim2:DefinitionType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType <ul style="list-style-type: none"> • mlhim2:DefinitionType • mlhim2:ItemType
Properties	abstract: true

Used by	Elements mlhim2:Item, mlhim2:details, mlhim2:entry-data, mlhim2:items, mlhim2:location Complex Types mlhim2:ClusterType, mlhim2:ElementType, mlhim2:SlotType
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}
Children	mlhim2:feeder-audit, mlhim2:links
Source	<pre><xs:complexType abstract="true" name="ItemType"> <xs:annotation> <xs:documentation>The abstract parent of Event, Slot, Cluster and Element representation classes.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:DefinitionType"/> </xs:complexContent> </xs:complexType></pre>

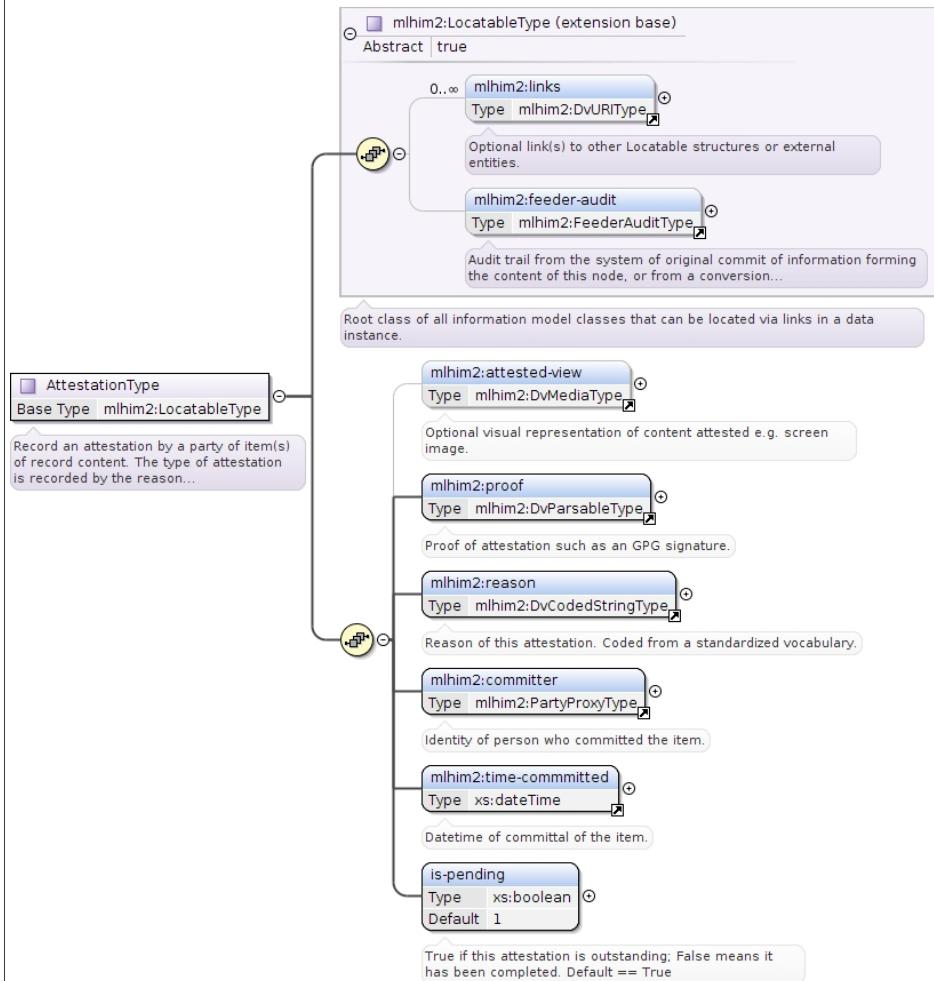
Complex Type mlhim2:DefinitionType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Root class of all structural information model classes that can be expressed in a constraint model. IOW: as the value of the CCD.definition attribute.
Diagram	
Type	extension of mlhim2:LocatableType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType • mlhim2:DefinitionType
Properties	abstract: true
Used by	Complex Types mlhim2:EntryType, mlhim2:ItemType Elements mlhim2:Definition, mlhim2:definition
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}
Children	mlhim2:feeder-audit, mlhim2:links
Source	<pre><xs:complexType abstract="true" name="DefinitionType"> <xs:annotation> <xs:documentation>Root class of all structural information model classes that can be expressed in a constraint model. IOW: as the value of the CCD.definition attribute.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:LocatableType"/> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:AttestationType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Record an attestation by a party of item(s) of record content. The type of attestation is recorded by the reason attribute, which may be coded.

Diagram



Type	extension of mlhim2:LocatableType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType <ul style="list-style-type: none"> • mlhim2:AttestationType
Used by	Elements mlhim2:Attestation, mlhim2:attestation
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}, mlhim2:attested-view{0,1}, mlhim2:proof, mlhim2:reason, mlhim2:committer, mlhim2:time-committed, mlhim2:is-pending
Children	mlhim2:attested-view, mlhim2:committer, mlhim2:feeder-audit, mlhim2:is-pending, mlhim2:links, mlhim2:proof, mlhim2:reason, mlhim2:time-committed
Source	<pre> <xs:complexType name="AttestationType"> <xs:annotation> <xs:documentation>Record an attestation by a party of item(s) of record content. The type of attestation is recorded by the reason attribute, which may be coded.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:LocatableType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="0" ref="mlhim2:attested-view"> <xs:annotation> <xs:documentation>Optional visual representation of content attested e.g. screen image.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:proof"> <xs:annotation> <xs:documentation>Proof of attestation such as an GPG signature.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:reason"> <xs:annotation> <xs:documentation>Reason of this attestation. Coded from a standardized vocabulary.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>

```

</xs:element>
<xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:committer">
  <xs:annotation>
    <xs:documentation>Identity of person who committed the item.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:time-committed">
  <xs:annotation>
    <xs:documentation>Datetime of committal of the item.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="1" default="1" name="is-pending" type="xs:boolean">
  <xs:annotation>
    <xs:documentation>True if this attestation is outstanding; False means it has been completed. Default == True</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

Complex Type mlhim2:ParticipationType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Model of a participation of a Party (any Actor or Role) in an activity. Used to represent any participation of a Party in some activity, which is not explicitly in the model, e.g. assisting nurse. Can be used to record past or future participations. Should not be used in place of more permanent relationships between demographic entities.
Diagram	<p>The diagram illustrates the structure of the ParticipationType complex type. It features a central node labeled ParticipationType with a multiplicity of 0..1. Five associations extend from this central node to other nodes, each accompanied by a brief description:</p> <ul style="list-style-type: none"> mlhim2:performer: Type mlhim2:PartyProxyType. Description: The id and possibly demographic system link of the party participating in the activity. mlhim2:function: Type mlhim2:DvCodedStringType. Description: The function of the Party in this participation (note that a given party might participate in more than one way in a...). mlhim2:mode: Type mlhim2:DvCodedStringType. Description: The mode of the performer / activity interaction, e.g. present, by telephone, by email etc. If the participation is by... mlhim2:start-time: Type xs:dateTime. Description: The beginning datetime when the participation took place. mlhim2:end-time: Type xs:dateTime. Description: The ending datetime when the participation took place.
Used by	Elements mlhim2:Participation, mlhim2:other-participations
Model	mlhim2:performer , mlhim2:function , mlhim2:mode , mlhim2:start-time , mlhim2:end-time{0,1}
Children	mlhim2:end-time, mlhim2:function, mlhim2:mode, mlhim2:performer, mlhim2:start-time
Source	<pre> <xs:complexType name="ParticipationType"> <xs:annotation> <xs:documentation>Model of a participation of a Party (any Actor or Role) in an activity. Used to represent any participation of a Party in some activity, which is not explicitly in the model, e.g. assisting nurse. Can be used to record past or future participations. Should not be used in place of more permanent relationships between demographic entities.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:performer"> <xs:annotation> <xs:documentation>The id and possibly demographic system link of the party participating in the activity.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:function"> <xs:annotation> </pre>

```

<xs:documentation>The function of the Party in this participation (note that a given party might participate in more than one way in a particular activity). In some applications this might be called a Role.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:mode">
<xs:annotation>
<xs:documentation>The mode of the performer / activity interaction, e.g. present, by telephone, by email etc. If the participation is by device or software it may contain a protocol standard or interface definition.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:start-time">
<xs:annotation>
<xs:documentation>The beginning datetime when the participation took place.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="0" ref="mlhim2:end-time">
<xs:annotation>
<xs:documentation>The ending datetime when the participation took place.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

Complex Type mlhim2:PartySelfType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Party proxy representing the subject of the record. May or may not have external-ref set. But external-ref usually points to a record persisted in a demographics service.
Diagram	<p>The diagram illustrates the inheritance path of the mlhim2:PartySelfType complex type. It starts with mlhim2:PartyProxyType as the restriction base, which is a Base Type of mlhim2:LocatableType. mlhim2:LocatableType is an abstract base type. Below it is mlhim2:links, which is a sequence of mlhim2:DvURIType elements. This is followed by mlhim2:feeder-audit, which is a sequence of mlhim2:FeederAuditType elements. mlhim2:PartyProxyType also contains attributes for party-name (type xs:string) and mlhim2:external-ref (type mlhim2:DvURIType). PartySelfType is a restriction of mlhim2:PartyProxyType. It adds a fixed attribute party-name with the value "Self". A note states: "Party proxy representing the subject of the record. May or may not have external-ref set. But external-ref usually..."</p>
Type	restriction of mlhim2:PartyProxyType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType • mlhim2:PartyProxyType • mlhim2:PartySelfType
Used by	Element mlhim2:PartySelf
Model	mlhim2:party-name
Children	mlhim2:party-name

Source	<pre> <xss:complexType name="PartySelfType"> <xss:annotation> <xss:documentation>Party proxy representing the subject of the record. May or may not have external-ref set. But external-ref usually points to a record persisted in a demographics service.</xss:documentation> </xss:annotation> <xss:complexContent> <xss:restriction base="mlhim2:PartyProxyType"> <xss:sequence> <xss:element maxOccurs="1" minOccurs="1" name="party-name" type="xs:string" fixed="Self"> <xss:annotation> <xss:documentation>Fixed to the string "Self".</xss:documentation> </xss:annotation> </xss:element> </xss:sequence> </xss:restriction> </xss:complexContent> </xss:complexType> </pre>
--------	--

Complex Type mlhim2:NIType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	No Information : The value is exceptional (missing, omitted, incomplete, improper). No information as to the reason for being an exceptional value is provided. This is the most general exceptional value. It is also the default exceptional value
Diagram	<pre> classDiagram class ExceptionalValueType { <<Abstract true>> ev-name : xs:string ev-meaning : xs:string } class NIType { <<No Information : The value is exceptional (missing, omitted, incomplete, improper). No information as to the reason for...>> ev-name : xs:string ev-meaning : xs:string } ExceptionalValueType < -- NIType </pre> <p>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p>
Type	restriction of mlhim2:ExceptionalValueType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType <ul style="list-style-type: none"> • mlhim2:NIType
Used by	Element mlhim2:NI
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Source	<pre> <xss:complexType name="NIType"> <xss:complexContent> <xss:restriction base="mlhim2:ExceptionalValueType"> <xss:annotation> <xss:documentation>No Information : The value is exceptional (missing, omitted, incomplete, improper). No information as to the reason for being an exceptional value is provided. This is the most general exceptional value. It is also the default exceptional value</xss:documentation> </xss:annotation> <xss:sequence> <xss:element fixed="No Information" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xss:element fixed="The value is exceptional (missing, omitted, incomplete, improper). No information as to the reason for being an exceptional value is provided. This is the most general exceptional value. It is also the default exceptional value" maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xss:sequence> </xss:restriction> </xss:complexContent> </xss:complexType> </pre>

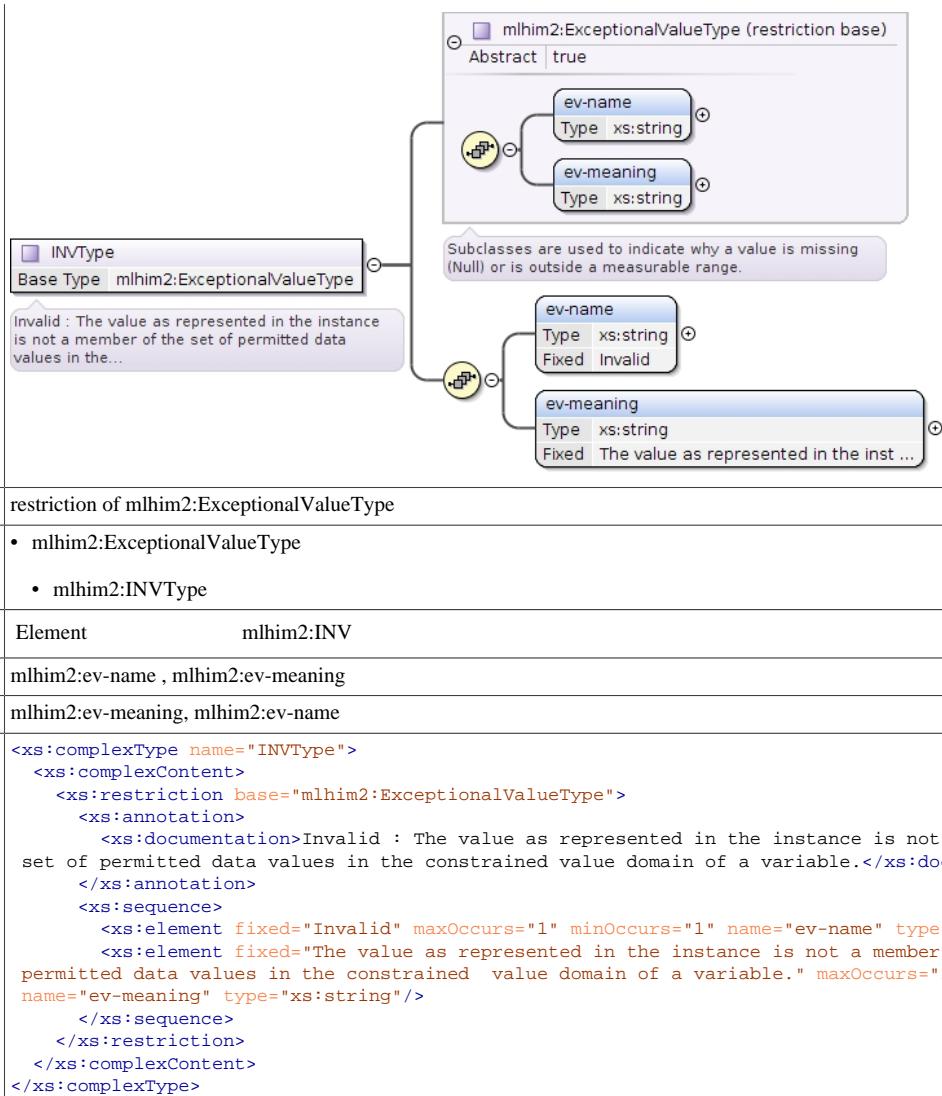
Complex Type mlhim2:MSKType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	<p>Masked : There is information on this item available but it has not been provided by the sender due to security, privacy or other reasons. There may be an alternate mechanism for gaining access to this information. Warning: Using this exceptional value does provide information that may be a breach of confidentiality, even though no detail data is provided. Its primary purpose is for those circumstances where it is necessary to inform the receiver that the information does exist without providing any detail</p>
Diagram	<pre> classDiagram class MSKType { <<Masked : There is information on this item available but it has not been provided by the sender due to security....>> } class ExceptionalValueType { <<Abstract true>> <<Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.>> ev-name { Type xs:string <<ev-name Type xs:string Fixed Masked>> } ev-meaning { Type xs:string <<ev-meaning Type xs:string Fixed There is information on this item av ...>> } } MSKType --> ExceptionalValueType MSKType < -- ExceptionalValueType </pre>
Type	restriction of mlhim2:ExceptionalValueType
Type hierarchy	<ul style="list-style-type: none"> mlhim2:ExceptionalValueType mlhim2:MSKType
Used by	Element mlhim2:MSK
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Source	<pre> <xs:complexType name="MSKType"> <xs:complexContent> <xs:restriction base="mlhim2:ExceptionalValueType"> <xs:annotation> <xs:documentation>Masked : There is information on this item available but it has not been provided by the sender due to security, privacy or other reasons. There may be an alternate mechanism for gaining access to this information. Warning: Using this exceptional value does provide information that may be a breach of confidentiality, even though no detail data is provided. Its primary purpose is for those circumstances where it is necessary to inform the receiver that the information does exist without providing any detail</xs:documentation> </xs:annotation> <xs:sequence> <xs:element fixed="Masked" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xs:element fixed="There is information on this item available but it has not been provided by the sender due to security, privacy or other reasons. There may be an alternate mechanism for gaining access to this information. Warning: Using this exceptional value does provide information that may be a breach of confidentiality, even though no detail data is provided. Its primary purpose is for those circumstances where it is necessary to inform the receiver that the information does exist without providing any detail " maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xs:sequence> </xs:restriction> </xs:complexContent> </xs:complexType> </pre>

Complex Type mlhim2:INVType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Invalid : The value as represented in the instance is not a member of the set of permitted data values in the constrained value domain of a variable.

Diagram

**Complex Type mlhim2:DERType**

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Derived : An actual value may exist, but it must be derived from the provided information; usually an expression is provided directly.
Diagram	<p>mlhim2:ExceptionalValueType (restriction base) Abstract true</p> <p>mlhim2:DERType Base Type mlhim2:ExceptionalValueType</p> <p>Derived : An actual value may exist, but it must be derived from the provided information; usually an expression is...</p> <p>mlhim2:ExceptionalValueType</p> <p>ev-name Type xs:string</p> <p>ev-meaning Type xs:string</p> <p>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p> <p>mlhim2:DERType</p> <p>ev-name Type xs:string Fixed Derived</p> <p>ev-meaning Type xs:string Fixed An actual value may exist, but it mu ...</p>
Type	restriction of mlhim2:ExceptionalValueType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType

	<ul style="list-style-type: none"> • mlhim2:DERType
Used by	Element mlhim2:DER
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Source	<pre><xs:complexType name="DERType"> <xs:complexContent> <xs:restriction base="mlhim2:ExceptionalValueType"> <xs:annotation> <xs:documentation>Derived : An actual value may exist, but it must be derived from the provided information; usually an expression is provided directly.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element fixed="Derived" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xs:element fixed="An actual value may exist, but it must be derived from the provided information; usually an expression is provided directly." maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xs:sequence> </xs:restriction> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:UNCType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Unencoded : No attempt has been made to encode the information correctly but the raw source information is represented, usually in free text
Diagram	<p>mlhim2:ExceptionalValueType (restriction base) Abstract true</p> <p>mlhim2:UNCType Base Type mlhim2:ExceptionalValueType</p> <p>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p> <p>ev-name Type xs:string Fixed Unencoded</p> <p>ev-meaning Type xs:string Fixed No attempt has been made to encode t ...</p>
Type	restriction of mlhim2:ExceptionalValueType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType • mlhim2:UNCType
Used by	Element mlhim2:UNC
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Source	<pre><xs:complexType name="UNCType"> <xs:complexContent> <xs:restriction base="mlhim2:ExceptionalValueType"> <xs:annotation> <xs:documentation>Unencoded : No attempt has been made to encode the information correctly but the raw source information is represented, usually in free text</xs:documentation> </xs:annotation> <xs:sequence> <xs:element fixed="Unencoded" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xs:element fixed="No attempt has been made to encode the information correctly but the raw source information is represented, usually in free text" maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xs:sequence> </xs:restriction> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:OTHType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Other : The actual value is not a member of the permitted data values in the variable. (e.g., when the value of the variable is not by the coding system)
Diagram	<p>The diagram illustrates the UML class structure for the OTHType complex type. It shows OTHType as a restriction of mlhim2:ExceptionalValueType. OTHType has two attributes: ev-name (Type xs:string) and ev-meaning (Type xs:string). A note indicates that subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p> <pre> classDiagram class OTHType { <<mlhim2:ExceptionalValueType>> <<Base Type mlhim2:ExceptionalValueType>> Other : The actual value is not a member of the permitted data values in the variable. (e.g., when the value of the... ev-name Type xs:string ev-meaning Type xs:string } class mlhim2:ExceptionalValueType { <<Abstract true>> ev-name Type xs:string ev-meaning Type xs:string } OTHType < -- mlhim2:ExceptionalValueType </pre>
Type	restriction of mlhim2:ExceptionalValueType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType • mlhim2:OTHType
Used by	Element mlhim2:OTH
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Source	<pre> <xs:complexType name="OTHType"> <xs:complexContent> <xs:restriction base="mlhim2:ExceptionalValueType"> <xs:annotation> <xs:documentation>Other : The actual value is not a member of the permitted data values in the variable. (e.g., when the value of the variable is not by the coding system)</xs:documentation> </xs:annotation> <xs:sequence> <xs:element fixed="Other" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xs:element fixed="The actual value is not a member of the permitted data values in the variable. (e.g., when the value of the variable is not by the coding system)" maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xs:sequence> </xs:restriction> </xs:complexContent> </xs:complexType> </pre>

Complex Type mlhim2:NINFTYPE

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Negative Infinity : Negative infinity of numbers

Diagram	<pre> classDiagram mlhim2:ExceptionalValueType < -- mlhim2:NINFTYPE mlhim2:NINFTYPE { <<Negative Infinity : Negative infinity of numbers>> ev-name ev-meaning } note over mlhim2:NINFTYPE: Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range. </pre>
Type	restriction of mlhim2:ExceptionalValueType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType <ul style="list-style-type: none"> • mlhim2:NINFTYPE
Used by	Element mlhim2:NINF
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Source	<pre> <xsd:complexType name="NINFTYPE"> <xsd:complexContent> <xsd:restriction base="mlhim2:ExceptionalValueType"> <xsd:annotation> <xsd:documentation>Negative Infinity : Negative infinity of numbers</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element fixed="Negative Infinity" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xsd:element fixed="Negative infinity of numbers" maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xsd:sequence> </xsd:restriction> </xsd:complexContent> </xsd:complexType> </pre>

Complex Type mlhim2:PINFTYPE

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Positive Infinity : Positive infinity of numbers
Diagram	<pre> classDiagram mlhim2:ExceptionalValueType < -- mlhim2:PINFTYPE mlhim2:PINFTYPE { <<Positive Infinity : Positive infinity of numbers>> ev-name ev-meaning } note over mlhim2:PINFTYPE: Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range. </pre>
Type	restriction of mlhim2:ExceptionalValueType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType <ul style="list-style-type: none"> • mlhim2:PINFTYPE

Used by	Element mlhim2:PINF
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Source	<pre><xs:complexType name="PINFTYPE"> <xs:complexContent> <xs:restriction base="mlhim2:ExceptionalValueType"> <xs:annotation> <xs:documentation>Positive Infinity : Positive infinity of numbers</xs:documentation> </xs:annotation> <xs:sequence> <xs:element fixed="Positive Infinity" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xs:element fixed="Positive infinity of numbers" maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xs:sequence> </xs:restriction> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:UNKType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Unknown : A proper value is applicable, but not known
Diagram	<p>The diagram illustrates the inheritance of the UNKType complex type from the ExceptionalValueType base type. UNKType is defined as a restriction of ExceptionalValueType. It has two subclasses: ev-name and ev-meaning. The ev-name subclass is typed as xs:string and has a fixed value of "Unknown". The ev-meaning subclass is also typed as xs:string and has a fixed value of "A proper value is applicable, but not known". A note indicates that subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p>
Type	restriction of mlhim2:ExceptionalValueType
Type hierarchy	<ul style="list-style-type: none"> mlhim2:ExceptionalValueType mlhim2:UNKType
Used by	Element mlhim2:UNK
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Source	<pre><xs:complexType name="UNKType"> <xs:complexContent> <xs:restriction base="mlhim2:ExceptionalValueType"> <xs:annotation> <xs:documentation>Unknown : A proper value is applicable, but not known</xs:documentation> </xs:annotation> <xs:sequence> <xs:element fixed="Unknown" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xs:element fixed="A proper value is applicable, but not known" maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xs:sequence> </xs:restriction> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:ASKRTType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Asked and Refused : Information was sought but refused to be provided (e.g., patient was asked but refused to answer)

Diagram	<p>mlhim2:ExceptionalValueType (restriction base) Abstract true</p> <p>ev-name Type xs:string</p> <p>ev-meaning Type xs:string</p> <p>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p> <p>ASKRType Base Type mlhim2:ExceptionalValueType</p> <p>Asked and Refused : Information was sought but refused to be provided (e.g., patient was asked but refused to answer)</p> <p>ev-name Type xs:string Fixed Asked and Refused</p> <p>ev-meaning Type xs:string Fixed Information was sought but refused t ...</p>
Type	restriction of mlhim2:ExceptionalValueType
Type hierarchy	<ul style="list-style-type: none"> mlhim2:ExceptionalValueType mlhim2:ASKRType
Used by	Element mlhim2:ASKR
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Source	<pre><xs:complexType name="ASKRType"> <xs:complexContent> <xs:restriction base="mlhim2:ExceptionalValueType"> <xs:annotation> <xs:documentation>Asked and Refused : Information was sought but refused to be provided (e.g., patient was asked but refused to answer)</xs:documentation> </xs:annotation> <xs:sequence> <xs:element fixed="Asked and Refused" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xs:element fixed="Information was sought but refused to be provided (e.g., patient was asked but refused to answer)" maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xs:sequence> </xs:restriction> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:NASKType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Not Asked : This information has not been sought (e.g., patient was not asked)
Diagram	<p>mlhim2:ExceptionalValueType (restriction base) Abstract true</p> <p>ev-name Type xs:string</p> <p>ev-meaning Type xs:string</p> <p>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p> <p>NASKType Base Type mlhim2:ExceptionalValueType</p> <p>Not Asked : This information has not been sought (e.g., patient was not asked)</p> <p>ev-name Type xs:string Fixed Not Asked</p> <p>ev-meaning Type xs:string Fixed This information has not been sought ...</p>
Type	restriction of mlhim2:ExceptionalValueType
Type hierarchy	<ul style="list-style-type: none"> mlhim2:ExceptionalValueType mlhim2:NASKType

Used by	Element mlhim2:NASK
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Source	<pre> <xss:complexType name="NASKType"> <xss:complexContent> <xss:restriction base="mlhim2:ExceptionalValueType"> <xss:annotation> <xss:documentation>Not Asked : This information has not been sought (e.g., patient was not asked)</xss:documentation> </xss:annotation> <xss:sequence> <xss:element fixed="Not Asked" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xss:element fixed="This information has not been sought (e.g., patient was not asked)." maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xss:sequence> </xss:restriction> </xss:complexContent> </xss:complexType> </pre>

Complex Type mlhim2:QSType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Sufficient Quantity : The specific quantity is not known, but is known to non-zero and it is not specified because it makes up the bulk of the material; Add 10mg of ingredient X, 50mg of ingredient Y and sufficient quantity of water to 100mL.
Diagram	<pre> classDiagram class mlhim2:ExceptionalValueType { <<Abstract true>> } class QSType { <<Base Type mlhim2:ExceptionalValueType>> } class ev-name { <<ev-name Type xs:string Fixed Sufficient Quantity>> } class ev-meaning { <<ev-meaning Type xs:string Fixed The specific quantity is not known, ... >> } mlhim2:ExceptionalValueType < -- QSType QSType < -- ev-name QSType < -- ev-meaning </pre> <p>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p>
Type	restriction of mlhim2:ExceptionalValueType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType • mlhim2:QSType
Used by	Element mlhim2:QS
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Source	<pre> <xss:complexType name="QSType"> <xss:complexContent> <xss:restriction base="mlhim2:ExceptionalValueType"> <xss:annotation> <xss:documentation>Sufficient Quantity : The specific quantity is not known, but is known to non-zero and it is not specified because it makes up the bulk of the material; Add 10mg of ingredient X, 50mg of ingredient Y and sufficient quantity of water to 100mL.</xss:documentation> </xss:annotation> <xss:sequence> <xss:element fixed="Sufficient Quantity" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xss:element fixed="The specific quantity is not known, but is known to non-zero and it is not specified because it makes up the bulk of the material; Add 10mg of ingredient X, 50mg of ingredient Y and sufficient quantity of water to 100mL." maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xss:sequence> </xss:restriction> </xss:complexContent> </xss:complexType> </pre>

Complex Type mlhim2:TRCType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Trace : The content is greater or less than zero but too small to be quantified.
Diagram	<p>mlhim2:ExceptionalValueType (restriction base) Abstract true</p> <p>ev-name Type xs:string</p> <p>ev-meaning Type xs:string</p> <p>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p> <p>mlhim2:TRCType Base Type mlhim2:ExceptionalValueType</p> <p>Trace : The content is greater or less than zero but too small to be quantified.</p> <p>ev-name Type xs:string Fixed Trace</p> <p>ev-meaning Type xs:string Fixed The content is greater or less than ...</p>
Type	restriction of mlhim2:ExceptionalValueType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType <ul style="list-style-type: none"> • mlhim2:TRCType
Used by	Element mlhim2:TRC
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Source	<pre><xs:complexType name="TRCType"> <xs:complexContent> <xs:restriction base="mlhim2:ExceptionalValueType"> <xs:annotation> <xs:documentation>Trace : The content is greater or less than zero but too small to be quantified.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element fixed="Trace" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xs:element fixed="The content is greater or less than zero but too small to be quantified." maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xs:sequence> </xs:restriction> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:ASKUType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Asked but Unknown : Information was sought but not found (e.g., patient was asked but did not know)
Diagram	<p>mlhim2:ExceptionalValueType (restriction base) Abstract true</p> <p>ev-name Type xs:string</p> <p>ev-meaning Type xs:string</p> <p>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p> <p>mlhim2:ASKUType Base Type mlhim2:ExceptionalValueType</p> <p>Asked but Unknown : Information was sought but not found (e.g., patient was asked but did not know)</p> <p>ev-name Type xs:string Fixed Asked but Unknown</p> <p>ev-meaning Type xs:string Fixed Information was sought but not found ...</p>
Type	restriction of mlhim2:ExceptionalValueType

Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType <ul style="list-style-type: none"> • mlhim2:ASKUType
Used by	Element mlhim2:ASKU
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Source	<pre><xs:complexType name="ASKUType"> <xs:complexContent> <xs:restriction base="mlhim2:ExceptionalValueType"> <xs:annotation> <xs:documentation>Asked but Unknown : Information was sought but not found (e.g., patient was asked but did not know)</xs:documentation> </xs:annotation> <xs:sequence> <xs:element fixed="Asked but Unknown" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xs:element fixed="Information was sought but not found (e.g., patient was asked but did not know)." maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xs:sequence> </xs:restriction> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:NAVType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Not Available : Information is unavailable at this time but is expected that it will be available later.
Diagram	<p>The diagram illustrates the inheritance of the NAVType complex type from the ExceptionalValueType abstract type. The NAVType class is shown as a subclass of ExceptionalValueType. It has two subclasses: ev-name and ev-meaning. The ev-name subclass is marked as 'Not Available' with a fixed value of 'Not Available'. The ev-meaning subclass is also marked as 'Not Available' with a fixed value of 'Information is unavailable at this time but is expected that it will be available later.'</p>
Type	restriction of mlhim2:ExceptionalValueType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType <ul style="list-style-type: none"> • mlhim2:NAVType
Used by	Element mlhim2:NAV
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Source	<pre><xs:complexType name="NAVType"> <xs:complexContent> <xs:restriction base="mlhim2:ExceptionalValueType"> <xs:annotation> <xs:documentation>Not Available : Information is unavailable at this time but is expected that it will be available later.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element fixed="Not Available" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xs:element fixed="Information is unavailable at this time but is expected that it will be available later." maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xs:sequence> </xs:restriction> </xs:complexContent> </xs:complexType></pre>

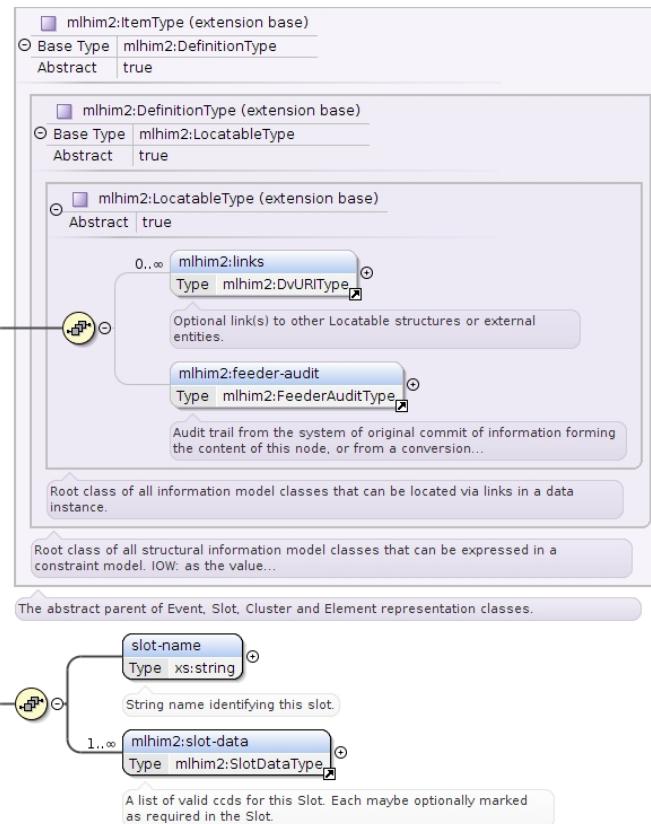
Complex Type mlhim2:NAType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Not Applicable : No proper value is applicable in this context e.g.,the number of cigarettes smoked per day by a non-smoker subject.
Diagram	<pre> classDiagram class NAType { <<Base Type mlhim2:ExceptionalValueType>> <<Not Applicable : No proper value is applicable in this context e.g.,the number of cigarettes smoked per day by a non-smoker subject.>> } class ExceptionalValueType { <<Abstract true>> <<mlhim2:ExceptionalValueType (restriction base)>> ev-name : xs:string ev-meaning : xs:string } NAType < -- ExceptionalValueType ExceptionalValueType < -- "Not Applicable : Not Applicable" ExceptionalValueType < -- "No proper value is applicable in thi..." </pre> <p>Subclasses are used to indicate why a value is missing (Null) or is outside a measurable range.</p>
Type	restriction of mlhim2:ExceptionalValueType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:ExceptionalValueType <ul style="list-style-type: none"> • mlhim2:NAType
Used by	Element mlhim2:NA
Model	mlhim2:ev-name , mlhim2:ev-meaning
Children	mlhim2:ev-meaning, mlhim2:ev-name
Source	<pre> <xs:complexType name="NAType"> <xs:complexContent> <xs:restriction base="mlhim2:ExceptionalValueType"> <xs:annotation> <xs:documentation>Not Applicable : No proper value is applicable in this context e.g.,the number of cigarettes smoked per day by a non-smoker subject.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element fixed="Not Applicable" maxOccurs="1" minOccurs="1" name="ev-name" type="xs:string"/> <xs:element fixed="No proper value is applicable in this context e.g.,the number of cigarettes smoked per day by a non-smoker subject." maxOccurs="1" minOccurs="1" name="ev-meaning" type="xs:string"/> </xs:sequence> </xs:restriction> </xs:complexContent> </xs:complexType> </pre>

Complex Type mlhim2:SlotType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	A structure allowing the inclusion of one CCD inside a CCD. The possible CCDs allowed is restricted to those CCDs in the allowed-ccds attribute.

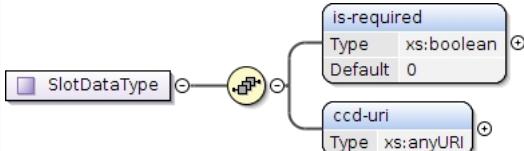
Diagram



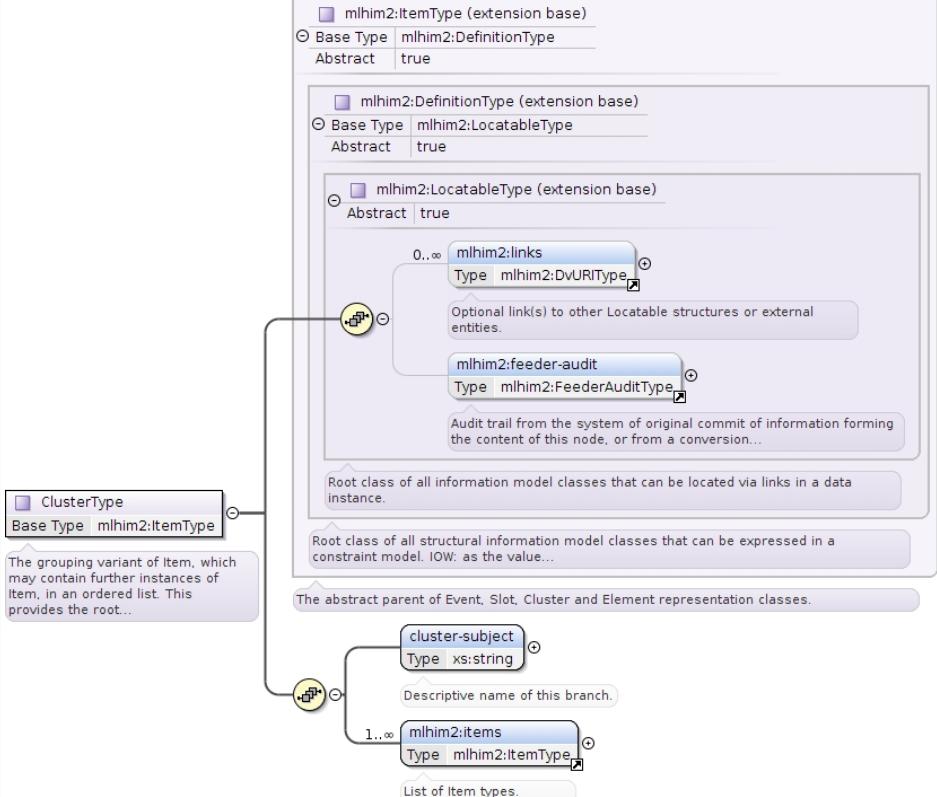
Type	extension of mlhim2:ItemType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType • mlhim2:DefinitionType • mlhim2:ItemType • mlhim2:SlotType
Used by	Element mlhim2:Slot
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}, mlhim2:slot-name, mlhim2:slot-data+
Children	mlhim2:feeder-audit, mlhim2:links, mlhim2:slot-data, mlhim2:slot-name
Source	<pre> <xs:complexType name="SlotType"> <xs:annotation> <xs:documentation>A structure allowing the inclusion of one CCD inside a CCD. The possible CCDs allowed is restricted to those CCDs in the allowed-ccds attribute.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:ItemType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" name="slot-name" type="xs:string"> <xs:annotation> <xs:documentation>String name identifying this slot.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="unbounded" minOccurs="1" ref="mlhim2:slot-data"> <xs:annotation> <xs:documentation>A list of valid ccds for this Slot. Each maybe optionally marked as required in the Slot.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>

Complex Type mlhim2:SlotDataType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
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Diagram	
Used by	Element mlhim2:slot-data
Model	mlhim2:is-required , mlhim2:ccd-uri
Children	mlhim2:ccd-uri, mlhim2:is-required
Source	<pre><xs:complexType name="SlotDataType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" default="0" name="is-required" type="xs:boolean"/> <xs:element maxOccurs="1" minOccurs="1" name="ccd-uri" type="xs:anyURI"/> </xs:sequence> </xs:complexType></pre>

Complex Type mlhim2:ClusterType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	The grouping variant of Item, which may contain further instances of Item, in an ordered list. This provides the root Item for potentially very complex structures.
Diagram	
Type	extension of mlhim2:ItemType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType • mlhim2:DefinitionType • mlhim2:ItemType • mlhim2:ClusterType
Used by	Element mlhim2:Cluster
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}, mlhim2:cluster-subject, mlhim2:items+
Children	mlhim2:cluster-subject, mlhim2:feeder-audit, mlhim2:items, mlhim2:links
Source	<pre><xs:complexType name="ClusterType"> <xs:annotation></pre>

```

<xs:documentation>The grouping variant of Item, which may contain further instances of Item, in an ordered list. This provides the root Item for potentially very complex structures.</xs:documentation>
</xs:annotation>
<xs:complexContent>
<xs:extension base="mlhim2:ItemType">
<xs:sequence>
<xs:element maxOccurs="1" minOccurs="1" name="cluster-subject" type="xs:string">
<xs:annotation>
<xs:documentation>Descriptive name of this branch.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element maxOccurs="unbounded" minOccurs="1" ref="mlhim2:items">
<xs:annotation>
<xs:documentation>List of Item types.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

Complex Type mlhim2:ElementType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	The leaf variant of Item, to which any DvAny subtype instance is attached.
Diagram	
Type	extension of mlhim2:ItemType
Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType • mlhim2:DefinitionType • mlhim2:ItemType • mlhim2:ElementType
Used by	Element mlhim2:Element
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}, mlhim2:Element-dv
Children	mlhim2:Element-dv, mlhim2:feeder-audit, mlhim2:links
Source	<pre> <xs:complexType name="ElementType"> <xs:annotation> <xs:documentation>The leaf variant of Item, to which any DvAny subtype instance is attached.</xs:documentation> </xs:annotation> <xs:complexContent> </pre>

```

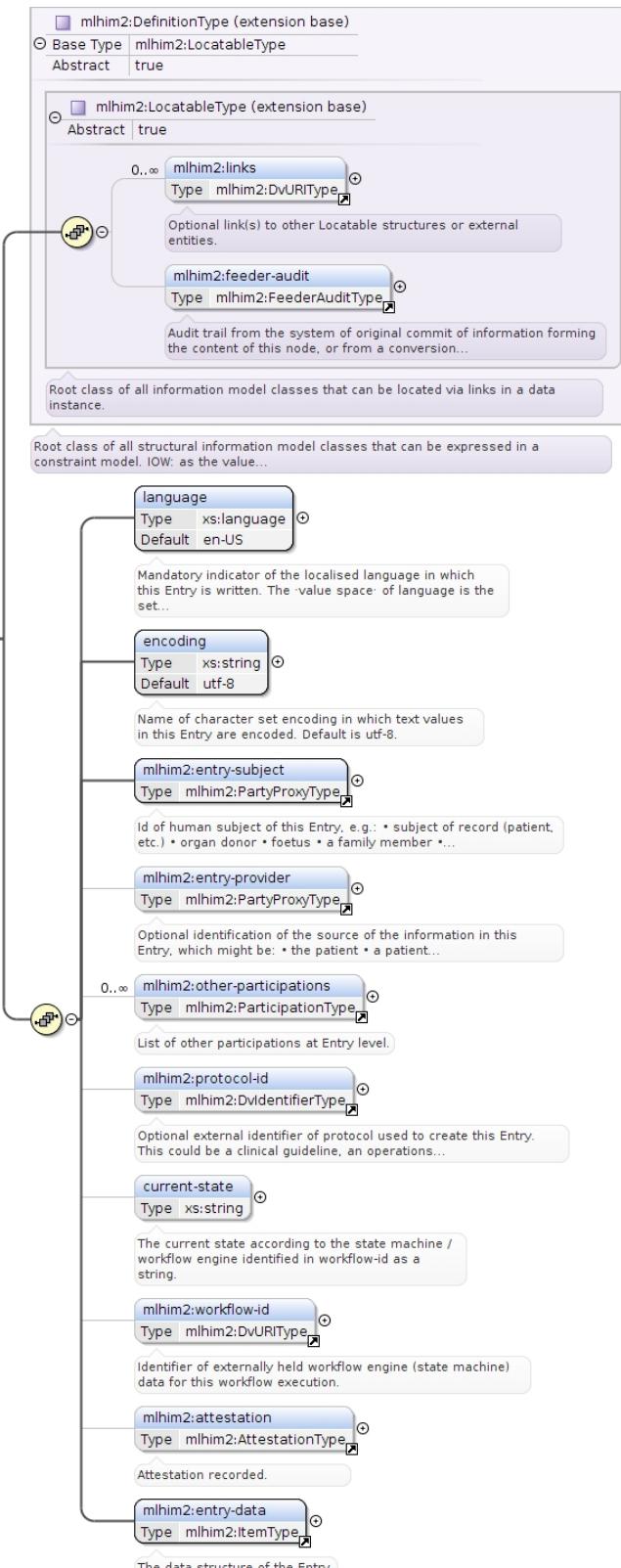
<xs:extension base="mlhim2:ItemType">
  <xs:sequence>
    <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:Element-dv">
      <xs:annotation>
        <xs:documentation>Data value type of this leaf</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

Complex Type mlhim2:EntryType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	<p>The abstract parent of all Entry subtypes. An Entry is the root of a logical set of data items. An Entry is also the minimal unit of information any query should return, since a whole Entry (including sub-parts) records spatial structure, timing information, and contextual information, as well as the subject and generator of the information; required for complete semantic interoperability. Each subtype has identical attribute information. The subtyping is used to allow persistence to separate the types of Entries; primarily import in healthcare for the de-identification of clinical information.</p>

Diagram



Type	extension of <code>mlhim2:DefinitionType</code>
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Type hierarchy	<ul style="list-style-type: none"> • <code>mlhim2:LocatableType</code> • <code>mlhim2:DefinitionType</code> • <code>mlhim2:EntryType</code>
----------------	--

Properties	abstract: true
------------	----------------

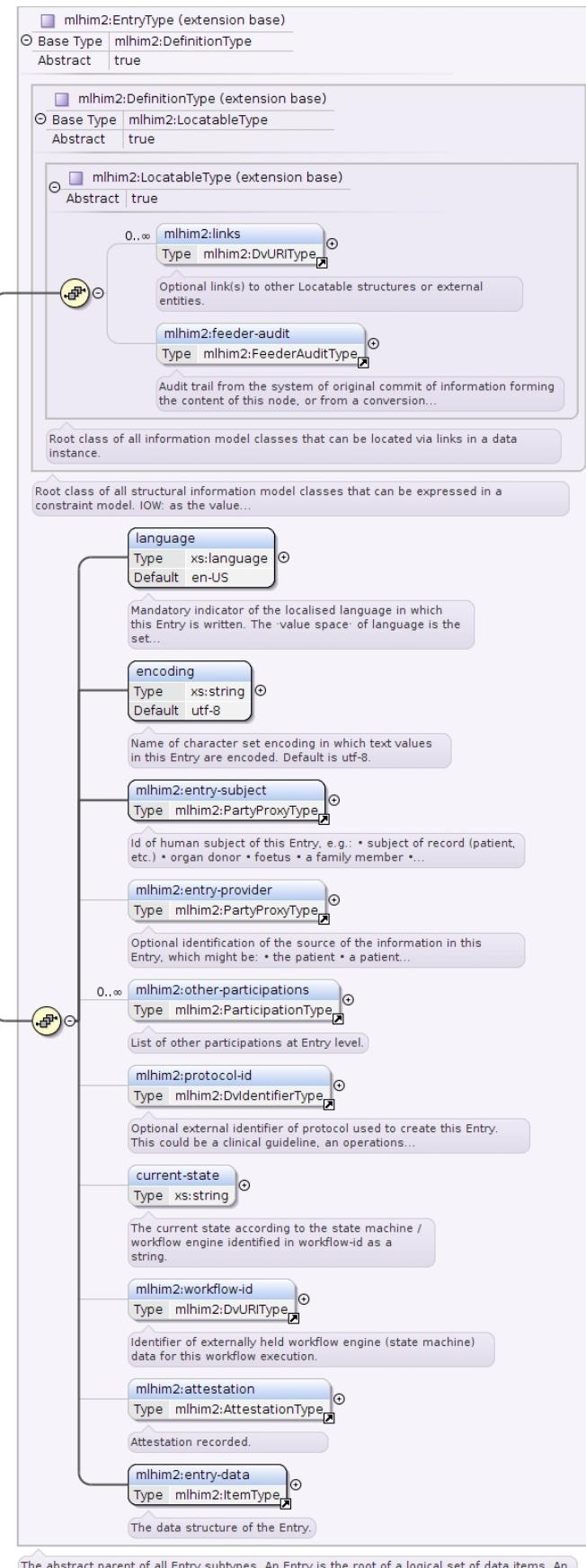
Used by	<p>Element mlhim2:Entry</p> <p>Complex Types mlhim2:AdminEntryType, mlhim2:CareEntryType, mlhim2:DemographicEntryType</p>
Model	mlhim2:links*, mlhim2:feeder-audit{0,1} , mlhim2:language , mlhim2:encoding , mlhim2:entry-subject , mlhim2:entry-provider{0,1} , mlhim2:other-participations* , mlhim2:protocol-id{0,1} , mlhim2:current-state{0,1} , mlhim2:workflow-id{0,1} , mlhim2:attestation{0,1} , mlhim2:entry-data
Children	mlhim2:attestation, mlhim2:current-state, mlhim2:encoding, mlhim2:entry-data, mlhim2:entry-provider, mlhim2:entry-subject, mlhim2:feeder-audit, mlhim2:language, mlhim2:links, mlhim2:other-participations, mlhim2:protocol-id, mlhim2:workflow-id
Source	<pre> <xs:complexType abstract="true" name="EntryType"> <xs:annotation> <xs:documentation>The abstract parent of all Entry subtypes. An Entry is the root of a logical set of data items. An Entry is also the minimal unit of information any query should return, since a whole Entry (including sub-parts) records spatial structure, timing information, and contextual information, as well as the subject and generator of the information; required for complete semantic interoperability. Each subtype has identical attribute information. The subtyping is used to allow persistence to separate the types of Entries; primarily import in healthcare for the de-identification of clinical information.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:DefinitionType"> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" name="language" type="xs:language" default="en-US"> <xs:annotation> <xs:documentation>Mandatory indicator of the localised language in which this Entry is written. The .value space. of language is the set of all strings that are valid language identifiers as defined [RFC 3066] .</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" name="encoding" type="xs:string" default="utf-8"> <xs:annotation> <xs:documentation>Name of character set encoding in which text values in this Entry are encoded. Default is utf-8.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:entry-subject"> <xs:annotation> <xs:documentation>Id of human subject of this Entry, e.g.: • subject of record (patient, etc.) • organ donor • foetus • a family member • another clinically relevant person.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" ref="mlhim2:entry-provider"> <xs:annotation> <xs:documentation>Optional identification of the source of the information in this Entry, which might be: • the patient • a patient agent, e.g. parent, guardian • the clinician • a device or software</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="unbounded" minOccurs="0" ref="mlhim2:other-participations"> <xs:annotation> <xs:documentation>List of other participations at Entry level.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" ref="mlhim2:protocol-id"> <xs:annotation> <xs:documentation>Optional external identifier of protocol used to create this Entry. This could be a clinical guideline, an operations protocol,etc.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" name="current-state" type="xs:string"> <xs:annotation> <xs:documentation>The current state according to the state machine / workflow engine identified in workflow-id as a string.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" ref="mlhim2:workflow-id"> <xs:annotation> <xs:documentation>Identifier of externally held workflow engine (state machine) data for this workflow execution.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="0" ref="mlhim2:attestation"> <xs:annotation> <xs:documentation>Attestation recorded.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:entry-data"> <xs:annotation> <xs:documentation>The data structure of the Entry.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre>

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

Complex Type mlhim2:CareEntryType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	CareEntry defines protocol and guideline attributes for all clinical entries.

Diagram



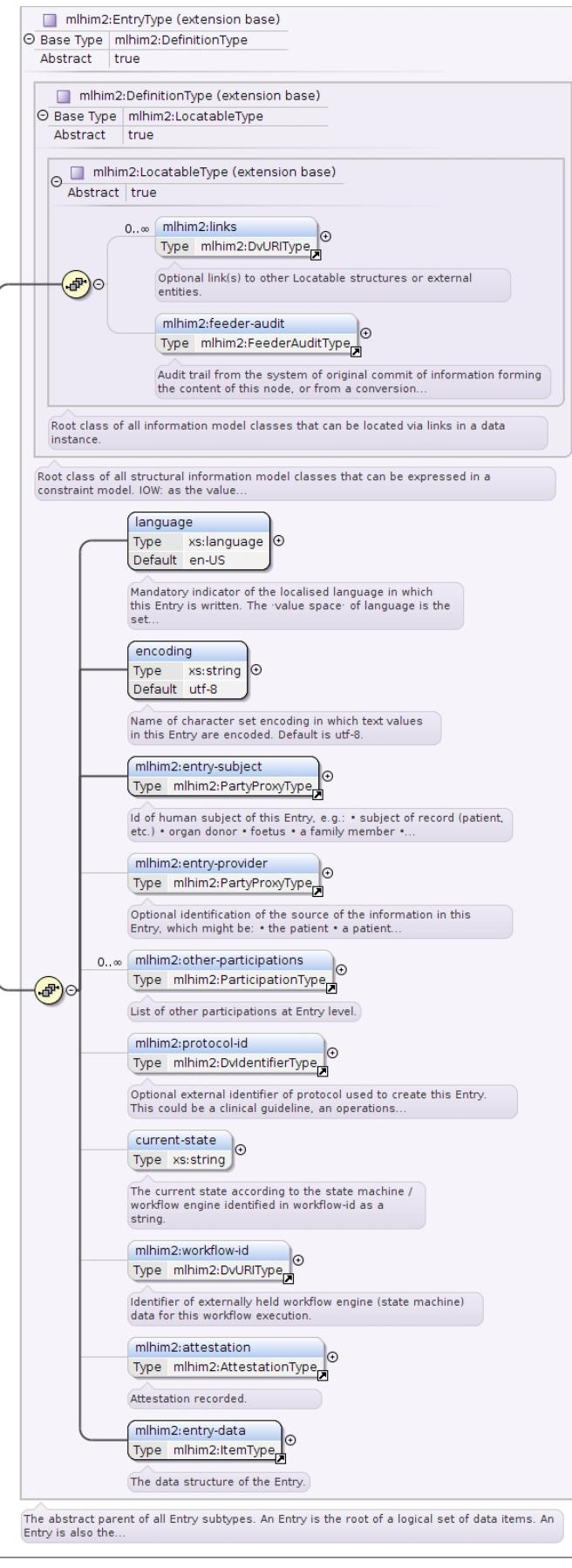
Type	extension of <code>mlhim2:EntryType</code>
------	--

Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType <ul style="list-style-type: none"> • mlhim2:DefinitionType • mlhim2:EntryType • mlhim2:CareEntryType
Used by	Element mlhim2:CareEntry
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}, mlhim2:language, mlhim2:encoding, mlhim2:entry-subject, mlhim2:entry-provider{0,1}, mlhim2:other-participations*, mlhim2:protocol-id{0,1}, mlhim2:current-state{0,1}, mlhim2:workflow-id{0,1}, mlhim2:attestation{0,1}, mlhim2:entry-data
Children	mlhim2:attestation, mlhim2:current-state, mlhim2:encoding, mlhim2:entry-data, mlhim2:entry-provider, mlhim2:entry-subject, mlhim2:feeder-audit, mlhim2:language, mlhim2:links, mlhim2:other-participations, mlhim2:protocol-id, mlhim2:workflow-id
Source	<pre><xss:complexType name="CareEntryType"> <xss:annotation> <xss:documentation>CareEntry defines protocol and guideline attributes for all clinical entries.</xss:documentation> </xss:annotation> <xss:complexContent> <xss:extension base="mlhim2:EntryType" /> </xss:complexContent> </xss:complexType></pre>

Complex Type mlhim2:AdminEntryType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Entry subtype for administrative information, i.e. information about setting up the clinical process, but not itself clinically relevant. Archetypes will define contained information. Used for administrative details of admission, episode, ward location, discharge, appointment (if not stored in a practice management or appointments system). Not used for any clinically significant information.

Diagram



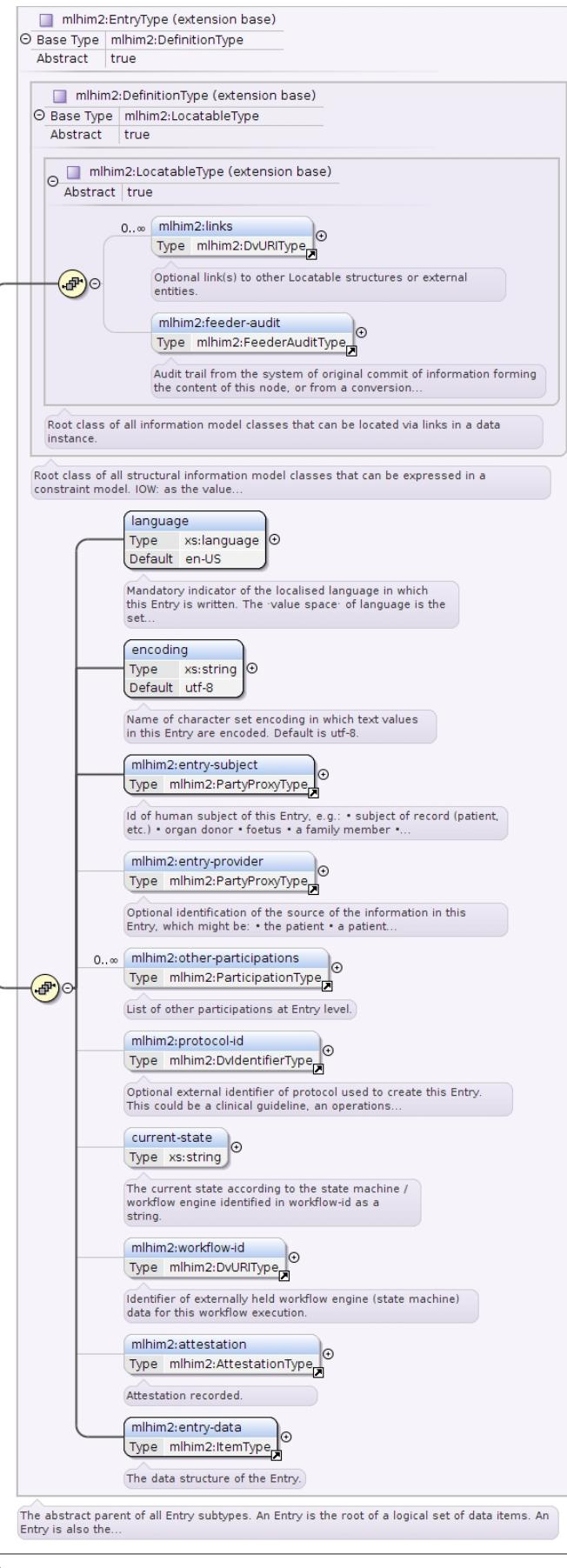
Type	extension of <code>mlhim2:EntryType</code>
------	--

Type hierarchy	<ul style="list-style-type: none"> • mlhim2:LocatableType • mlhim2:DefinitionType • mlhim2:EntryType • mlhim2:AdminEntryType
Used by	Element mlhim2:AdminEntry
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}, mlhim2:language, mlhim2:encoding, mlhim2:entry-subject, mlhim2:entry-provider{0,1}, mlhim2:other-participations*, mlhim2:protocol-id{0,1}, mlhim2:current-state{0,1}, mlhim2:workflow-id{0,1}, mlhim2:attestation{0,1}, mlhim2:entry-data
Children	mlhim2:attestation, mlhim2:current-state, mlhim2:encoding, mlhim2:entry-data, mlhim2:entry-provider, mlhim2:entry-subject, mlhim2:feeder-audit, mlhim2:language, mlhim2:links, mlhim2:other-participations, mlhim2:protocol-id, mlhim2:workflow-id
Source	<pre><xs:complexType name="AdminEntryType"> <xs:annotation> <xs:documentation>Entry subtype for administrative information, i.e. information about setting up the clinical process, but not itself clinically relevant. Archetypes will define contained information. Used for administrative details of admission, episode, ward location, discharge, appointment (if not stored in a practice management or appointments system). Not used for any clinically significant information.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:EntryType" /> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:DemographicEntryType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	Entry subtype for demographic information, i.e. name structures, roles, locations, etc. Modelled as a separate class from AdminEntry in order to facilitate the separation of clinical and non-clincal information to support de-identification of clinical and administrative data.

Diagram



Type	extension of <code>mlhim2:EntryType</code>
------	--

Type hierarchy	<ul style="list-style-type: none"> mlhim2:LocatableType <ul style="list-style-type: none"> mlhim2:DefinitionType <ul style="list-style-type: none"> mlhim2:EntryType <ul style="list-style-type: none"> mlhim2:DemographicEntryType
Used by	Element mlhim2:DemographicEntry
Model	mlhim2:links*, mlhim2:feeder-audit{0,1}, mlhim2:language, mlhim2:encoding, mlhim2:entry-subject, mlhim2:entry-provider{0,1}, mlhim2:other-participations*, mlhim2:protocol-id{0,1}, mlhim2:current-state{0,1}, mlhim2:workflow-id{0,1}, mlhim2:attestation{0,1}, mlhim2:entry-data
Children	mlhim2:attestation, mlhim2:current-state, mlhim2:encoding, mlhim2:entry-data, mlhim2:entry-provider, mlhim2:entry-subject, mlhim2:feeder-audit, mlhim2:language, mlhim2:links, mlhim2:other-participations, mlhim2:protocol-id, mlhim2:workflow-id
Source	<pre><xs:complexType name="DemographicEntryType"> <xs:annotation> <xs:documentation>Entry subtype for demographic information, i.e. name structures, roles, locations, etc. Modelled as a separate class from AdminEntry in order to facilitate the separation of clinical and non-clincal information to support de-identification of clinical and administrative data.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="mlhim2:EntryType" /> </xs:complexContent> </xs:complexType></pre>

Complex Type mlhim2:CCDType

Namespace	http://www.mlhim.org/xmlns/mlhim2/2_4_1
Annotations	This is the root node of a Concept Constraint Definition.
Diagram	<pre> graph LR CCDType[CCDType] --> mlhim2definition["mlhim2:definition Type mlhim2:DefinitionType"] style CCDType fill:#e0e0ff style mlhim2definition fill:#e0e0ff </pre>
Used by	Element mlhim2:CCD
Model	mlhim2:definition
Children	mlhim2:definition
Source	<pre><xs:complexType name="CCDType"> <xs:annotation> <xs:documentation>This is the root node of a Concept Constraint Definition.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element maxOccurs="1" minOccurs="1" ref="mlhim2:definition"> <xs:annotation> <xs:documentation>Structural definition element for this CCD.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType></pre>