

Schema XPMDocReificationSchema.xsd

schema location: <U:\DataOnPc03701\XPMSchema\V09R61\XPMDocReificationSchema.xsd>
attribute form default: **unqualified**
element form default: **qualified**
targetNamespace: <http://www.em2i.org/XPMSchemaReification/v09r61/>

Attributes	Elements	Simple types	Attr. groups
an	column	allNNI	occurs
ant	document	attachment	
att	figure	classificationIdentifier	
cid	head	classifier	
cls	paragraph	columnNumber	
ct	phrase	conceptIdentifier	
ctx	row	conceptIdentifierList	
did	section	conceptType	
dp	sentence	dataType	
dt	table	documentIdentifier	
fc	word	figureNumber	
fcx		function	
fn		grammarType	
gid		groupIdentifier	
gt		handle	
hdl		language	
iid		mathFormula	
lang		mode	
mf		operand	
mlq		quantifier	
myns		referenceTo	
op		reifierDocumentIdentifier	
pc		rowNumber	
pf		selection	
pt		status	
qfr		tableNumber	
rt		visibility	
sec		vocabularyIdentifier	
sel		vocabularyType	
sim			
st			
syn			
unspsc			
vid			
vis			
vt			

attribute an

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:string
used by	elements document word
annotation	documentation Definition of the concept.
source	<pre><xs:attribute name="an" type="xs:string"> <xs:annotation> <xs:documentation>Definition of the concept.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute ant

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:referenceTo
annotation	documentation Pointer to antonym concept set. Data type: xpm:referenceTo.
source	<pre><xs:attribute name="ant" type="xpm:referenceTo"> <xs:annotation> <xs:documentation>Pointer to antonym concept set. Data type: xpm:referenceTo.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute att

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:attachment
facets	enumeration yes enumeration no
annotation	documentation Define whether the document is attached or not.
source	<pre><xs:attribute name="att" type="xpm:attachment"> <xs:annotation> <xs:documentation>Define whether the document is attached or not.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute cid

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:classifier
annotation	documentation Define classifier ID. Data type: xpm:classificationIdentifier.
source	<pre><xs:attribute name="cid" type="xpm:classifier"> <xs:annotation> <xs:documentation>Define classifier ID. Data type: xpm:classificationIdentifier.</xs:documentation> </xs:annotation></pre>

	<code></xs:attribute></code>
--	------------------------------------

attribute cls

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:classifier
used by	elements column figure head paragraph phrase row section sentence table word
annotation	documentation [New] classifier for a hierachical placeholder. Data type: xpm:classifier.
source	<code><xs:attribute name="cls" type="xpm:classifier"> <xs:annotation> <xs:documentation>[New] classifier for a hierachical placeholder. Data type: xpm:classifier.</xs:documentation> </xs:annotation> </xs:attribute></code>

attribute ct

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:conceptType
used by	elements phrase sentence word
facets	enumeration atomicNoun enumeration fixedGroup enumeration compGroup enumeration terminology enumeration verb enumeration infinitive enumeration adjective enumeration adverb enumeration quantifier enumeration numeral enumeration pronoun enumeration preposition enumeration supRule enumeration inclusionRule enumeration exclusionRule enumeration ranking
annotation	documentation Define the concept type. Data type: xpm:conceptType.
source	<code><xs:attribute name="ct" type="xpm:conceptType"> <xs:annotation> <xs:documentation>Define the concept type. Data type: xpm:conceptType.</xs:documentation> </xs:annotation> </xs:attribute></code>

attribute ctx

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:referenceTo
annotation	documentation Pointer to the context concept of the current concept through the type of conceptIdentifier. This is to form the non-vector concept hierarchy. Data type: xpm:referenceTo.

source	<pre><xs:attribute name="ctx" type="xpm:referenceTo"> <xs:annotation> <xs:documentation>Pointer to the context concept of the current concept through the type of conceptIdentifier. This is to form the non-vector concept hierarchy. Data type: xpm:referenceTo.</xs:documentation> </xs:annotation> </xs:attribute></pre>
--------	--

attribute did

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:documentIdentifier
used by	element document
annotation	documentation Define the document identifier. Syntax: xpm:documentIdentifier
source	<pre><xs:attribute name="did" type="xpm:documentIdentifier"> <xs:annotation> <xs:documentation>Define the document identifier. Syntax: xpm:documentIdentifier</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute dp

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:string
used by	element document
annotation	documentation [Revised] Define the displayed simple or regular-expressed phrase for the current concept or reification. This displayed phrase is for human visual use and also controls how to display. Data type: xs:string.
source	<pre><xs:attribute name="dp" type="xs:string"> <xs:annotation> <xs:documentation>[Revised] Define the displayed simple or regular-expressed phrase for the current concept or reification. This displayed phrase is for human visual use and also controls how to display. Data type: xs:string.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute dt

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:dataType
facets	enumeration xs:string enumeration xs:integer enumeration xs:decimal enumeration xs:anyURI enumeration xpm:valueRange
annotation	documentation Define the data type of the concept reification. Data type: xpm:dataType.
source	<pre><xs:attribute name="dt" type="xpm:dataType"> <xs:annotation></pre>

	<pre> <xs:documentation>Define the data type of the concept reification. Data type: xpm:dataType.</xs:documentation> </xs:annotation> </xs:attribute> </pre>
--	--

attribute fc

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:string
used by	elements document phrase word
annotation	documentation Formal concept in the form of a word or a phrase to denote the meaning of the defined concept in both machine-readable and human-understandable way as a linguistic term. Data type: xs:string
source	<pre> <xs:attribute name="fc" type="xs:string"> <xs:annotation> <xs:documentation>Formal concept in the form of a word or a phrase to denote the meaning of the defined concept in both machine-readable and human-understandable way as a linguistic term. Data type: xs:string</xs:documentation> </xs:annotation> </xs:attribute> </pre>

attribute fcx

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:referenceTo
used by	element document
annotation	documentation Pointer to the industrial classification context concept of the current concept through the type of classificationIdentifier. This is to form the vector concept hierarchy. Data type: xpm:referenceTo.
source	<pre> <xs:attribute name="fcx" type="xpm:referenceTo"> <xs:annotation> <xs:documentation>Pointer to the industrial classification context concept of the current concept through the type of classificationIdentifier. This is to form the vector concept hierarchy. Data type: xpm:referenceTo.</xs:documentation> </xs:annotation> </xs:attribute> </pre>

attribute fn

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:function
used by	elements paragraph phrase section sentence word
annotation	documentation Define the function for operating the concept.
source	<pre> <xs:attribute name="fn" type="xpm:function"> <xs:annotation> <xs:documentation>Define the function for operating the concept.</xs:documentation> </xs:annotation> </xs:attribute> </pre>

attribute gid

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:groupIdentifier
annotation	documentation Define group ID. Data type: xpm:groupIdentifier.
source	<pre><xs:attribute name="gid" type="xpm:groupIdentifier"> <xs:annotation> <xs:documentation>Define group ID. Data type: xpm:groupIdentifier.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute gt

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:grammarType
used by	elements figure head phrase sentence table word
facets	enumeration word enumeration phrase enumeration simpleSentence enumeration conditionalSentence enumeration CompoundSentence enumeration subject enumeration object enumeration predicate enumeration attribute enumeration adverbial enumeration nominalClause enumeration attributiveClause enumeration adverbialClause enumeration title
annotation	documentation [New] Grammar type with data type grammarType.
source	<pre><xs:attribute name="gt" type="xpm:grammarType"> <xs:annotation> <xs:documentation>[New] Grammar type with data type grammarType.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute hdl

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:handle
facets	enumeration manual enumeration automatic
annotation	documentation Define the method of handling of the "iaction" - manual or automatic.
source	<pre><xs:attribute name="hdl" type="xpm:handle"> <xs:annotation> <xs:documentation>Define the method of handling of the "iaction" - manual or automatic.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute iid

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:conceptIdentifier
annotation	documentation Concept identifier. Data type: xpm:conceptIdentifier. Syntax: xpm:conceptIdentifier.
source	<pre><xs:attribute name="iid" type="xpm:conceptIdentifier"> <xs:annotation> <xs:documentation>Concept identifier. Data type: xpm:conceptIdentifier. Syntax: xpm:conceptIdentifier.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute lang

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:language
used by	element document
facets	enumeration eng enumeration chn
annotation	documentation Define a natural language name abbreviation in three letter using standard of ISO 639-2, e.g. Chinese in "chi" and English in "eng". Data type: xpm:language. Syntax: ISO 693-2 three-letter abbreviation.
source	<pre><xs:attribute name="lang" type="xpm:language"> <xs:annotation> <xs:documentation>Define a natural language name abbreviation in three letter using standard of ISO 639-2, e.g. Chinese in "chi" and English in "eng". Data type: xpm:language. Syntax: ISO 693-2 three-letter abbreviation.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute mf

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:mathFormula
used by	elements column paragraph phrase section sentence word
annotation	documentation Define math formula of computing the concept result. Data type: xpm:mathFormula.
source	<pre><xs:attribute name="mf" type="xpm:mathFormula"> <xs:annotation> <xs:documentation>Define math formula of computing the concept result. Data type: xpm:mathFormula.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute mlg

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:referenceTo

annotation	documentation Pointer to multilingual concept set. Data type: xpm:referenceTo.
source	<code><xs:attribute name="mlg" type="xpm:referenceTo"> <xs:annotation> <xs:documentation>Pointer to multilingual concept set. Data type: xpm:referenceTo.</xs:documentation> </xs:annotation> </xs:attribute></code>

attribute myns

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:anyURI
annotation	documentation Current concept namespace ending with the iid-ed concept name or #conceptName pointing to a particular concept. The concept can be, for example, document or logic.
source	<code><xs:attribute name="myns" type="xs:anyURI"> <xs:annotation> <xs:documentation>Current concept namespace ending with the iid-ed concept name or #conceptName pointing to a particular concept. The concept can be, for example, document or logic.</xs:documentation> </xs:annotation> </xs:attribute></code>

attribute op

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:operand
used by	elements column paragraph phrase section sentence word
annotation	documentation Define the operator for the value.
source	<code><xs:attribute name="op" type="xpm:operand"> <xs:annotation> <xs:documentation>Define the operator for the value.</xs:documentation> </xs:annotation> </xs:attribute></code>

attribute pc

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:classificationIdentifier
annotation	documentation Ponter to the parent concept in the vector concept hierarchy. Data type: xpm:classificationIdentifier.
source	<code><xs:attribute name="pc" type="xpm:classificationIdentifier"> <xs:annotation> <xs:documentation>Ponter to the parent concept in the vector concept hierarchy. Data type: xpm:classificationIdentifier.</xs:documentation> </xs:annotation> </xs:attribute></code>

attribute pf

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:string
annotation	documentation Preferred term for the synonym set. Data type: xs:string
source	<pre><xs:attribute name="pf" type="xs:string"> <xs:annotation> <xs:documentation>Preferred term for the synonym set. Data type: xs:string</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute pt

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:string
annotation	documentation Define the presentation style of the concept. Data type: concatenation of concept value result, e.g. [USD][value result]/[/][piece]
source	<pre><xs:attribute name="pt" type="xs:string"> <xs:annotation> <xs:documentation>Define the presentation style of the concept. Data type: concatenation of concept value result, e.g. [USD][value result]/[/][piece]</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute qfr

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:quantifier
facets	enumeration one enumeration multi enumeration all
annotation	documentation Define the local quantifier for "there exist one", "there exist many" and "for all".
source	<pre><xs:attribute name="qfr" type="xpm:quantifier"> <xs:annotation> <xs:documentation>Define the local quantifier for "there exist one", "there exist many" and "for all".</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute rt

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:referenceTo
used by	elements phrase word
annotation	documentation Pointer to the the referenced concept. Data type: xpm:referenceTo.

source	<pre><xs:attribute name="rt" type="xpm:referenceTo"> <xs:annotation> <xs:documentation>Pointer to the the referenced concept. Data type: xpm:referenceTo.</xs:documentation> </xs:annotation> </xs:attribute></pre>
--------	---

attribute sec

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:NMTOKEN
annotation	documentation Define the secure transmission method.
source	<pre><xs:attribute name="sec" type="xs:NMTOKEN"> <xs:annotation> <xs:documentation>Define the secure transmission method.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute sel

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:selection
used by	elements column document paragraph phrase row section sentence table
facets	enumeration sequence enumeration choice enumeration preference
annotation	documentation [New] Define either a choice or a sequence during reification. During reasoning, if selected are sequence, then all the TRUE must be conjuncted using AND, if selected are choice, all the TRUE must be at most be selected ONE.
source	<pre><xs:attribute name="sel" type="xpm:selection"> <xs:annotation> <xs:documentation>[New] Define either a choice or a sequence during reification. During reasoning, if selected are sequence, then all the TRUE must be conjuncted using AND, if selected are choice, all the TRUE must be at most be selected ONE.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute sim

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:referenceTo
annotation	documentation Pointer to similar concept set. Data type: xpm:referenceTo.
source	<pre><xs:attribute name="sim" type="xpm:referenceTo"> <xs:annotation> <xs:documentation>Pointer to similar concept set. Data type: xpm:referenceTo.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute st

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:status
used by	element word
facets	enumeration undesigned enumeration editing enumeration using enumeration deprecated enumeration withdrawn
annotation	documentation Define the status of the document or process. Data type: xpm:status.
source	<pre><xs:attribute name="st" type="xpm:status"> <xs:annotation> <xs:documentation>Define the status of the document or process. Data type: xpm:status.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute syn

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:referenceTo
annotation	documentation Pointer to synonym concept set. Data type: xpm:referenceTo.
source	<pre><xs:attribute name="syn" type="xpm:referenceTo"> <xs:annotation> <xs:documentation>Pointer to synonym concept set. Data type: xpm:referenceTo.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute unspsc

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:integer
annotation	documentation Define the UNSPSC classification code. Data type: xs:integer
source	<pre><xs:attribute name="unspsc" type="xs:integer"> <xs:annotation> <xs:documentation>Define the UNSPSC classification code. Data type: xs:integer</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute vid

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:vocabularyIdentifier
annotation	documentation Define vocabulary identifier. Syntax: xpm:vocabularyIdentifier

source	<pre><xs:attribute name="vid" type="xpm:vocabularyIdentifier"> <xs:annotation> <xs:documentation>Define vocabulary identifier. Syntax: xpm:vocabularyIdentifier</xs:documentation> </xs:annotation> </xs:attribute></pre>
--------	---

attribute vis

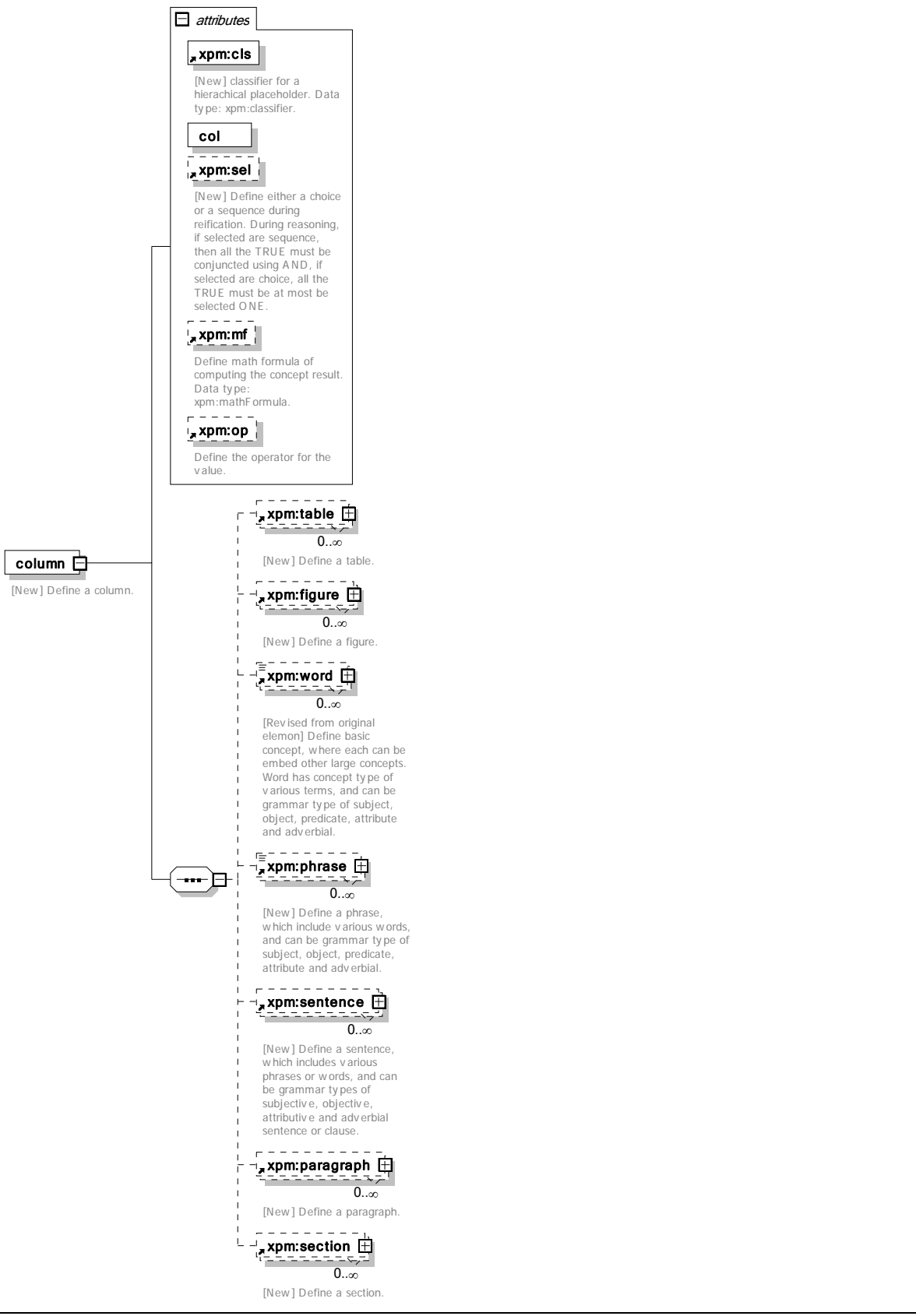
namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:visibility
facets	enumeration public enumeration community enumeration private
annotation	documentation Define the visibility of the instance action "iaction". Data type: xpm:visibility.
source	<pre><xs:attribute name="vis" type="xpm:visibility"> <xs:annotation> <xs:documentation>Define the visibility of the instance action "iaction". Data type: xpm:visibility.</xs:documentation> </xs:annotation> </xs:attribute></pre>

attribute vt

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xpm:vocabularyType
facets	enumeration term enumeration classifier enumeration multilingual enumeration synonym enumeration simterm enumeration antonym
annotation	documentation Define vocabulary type of term, classifier, multilingual, synonym, simterm, antonym.
source	<pre><xs:attribute name="vt" type="xpm:vocabularyType"> <xs:annotation> <xs:documentation>Define vocabulary type of term, classifier, multilingual, synonym, simterm, antonym.</xs:documentation> </xs:annotation> </xs:attribute></pre>

element column

diagram



namespace	http://www.em2i.org/XPMSchemaReification/v09r61/					
properties	content complex					
children	xpm:table xpm:figure xpm:word xpm:phrase xpm:sentence xpm:paragraph xpm:section					
used by	element row					
attributes	Name	Type	Use	Default	Fixed	annotation
	cls		required			documentation [New] classifier for a hierachical placeholder. Data type: xpm:classifier.
	col	xpm:tableNumber	required			
	sel			sequence		documentation [New] Define either a choice or a sequence during reification. During reasoning, if selected are sequence, then all the TRUE must be conjuncted using AND, if selected are choice, all the TRUE must be at most be selected ONE.
	mf					documentation Define math formula of computing the concept result. Data type: xpm:mathFormula.
	op					documentation Define the operator for the value.
annotation	documentation [New] Define a column.					
source	<pre> <xs:element name="column"> <xs:annotation> <xs:documentation>[New] Define a column.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="xpm:table" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:figure" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:word" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:phrase" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:sentence" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:paragraph" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:section" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute ref="xpm:cls" use="required"/> <xs:attribute name="col" type="xpm:tableNumber" use="required"/> <xs:attribute ref="xpm:sel" default="sequence"/> <xs:attribute ref="xpm:mf"/> <xs:attribute ref="xpm:op"/> </xs:complexType> </xs:element> </pre>					

attribute column/@col

type	xpm:tableNumber
properties	isRef 0 use required
source	<code><xs:attribute name="col" type="xpm:tableNumber" use="required"/></code>

element document

diagram

attributes

xpm:did

Define the document identifier. Syntax: xpm:documentIdentifier

xpm:lang

Define a natural language name abbreviation in three letter using standard of ISO 639-2, e.g. Chinese in "chi" and English in "eng". Data type: xpm:language. Syntax: ISO 693-2 three-letter abbreviation.

xpm:fc

Formal concept in the form of a word or a phrase to denote the meaning of the defined concept in both machine-readable and human-understandable way as a linguistic term. Data type: xs:string

xpm:dp

[Revised] Define the displayed simple or regular-expressed phrase for the current concept or refication. This displayed phrase is for human visual use and also controls how to display. Data type: xs:string.

xpm:en

Definition of the concept.

xpm:fcx

Pointer to the industrial classification context concept of the current concept through the type of classificationIdentifier. This is to form the vector concept hierarchy. Data type: xpm:referenceTo.

xpm:sel

[New] Define either a choice or a sequence during refication. During reasoning, if selected are sequence, then all the TRUE must be conjoined using AND, if selected are choice, all the TRUE must be at most be selected ONE.

document

Define the root concept as a composite concept made by a collection of hierarchical concepts attributed by "xpm:it" referenced by a concept lid defined in "term".

xpm:head

[New] Define head for document, section, table and figure, which could include sentence, phrase or word. It has grammar type "gt a title".

xpm:word

[Revised from original element] Define basic concept, where each can be embed other large concepts. Word has concept type of various terms, and can be grammar type of subject, object, predicate, attribute and adverbial.

xpm:phrase

[New] Define a phrase, which include various words, and can be grammar type of subject, object, predicate, attribute and adverbial.

xpm:sentence

[New] Define a sentence, which includes various phrases or words, and can be grammar types of subjective, objective, attributive and adverbial sentence or clause.

xpm:paragraph

[New] Define a paragraph.

xpm:section

[New] Define a section.

xpm:table

[New] Define a table.

xpm:figure

[New] Define a figure.

xpm:history

[New] Define the historical elements.

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/					
properties	content complex					
children	xpm:head xpm:word xpm:phrase xpm:sentence xpm:paragraph xpm:section xpm:table xpm:figure xpm:history					
attributes	Name	Type	Use	Default	Fixed	annotation
	did		required			documentation Define the document identifier. Syntax: xpm:documentIdentifier
	lang		required			documentation Define a natural language name abbreviation in three letter using standard of ISO 639-2, e.g. Chinese in "chi" and English in "eng". Data type: xpm:language. Syntax: ISO 693-2 three-letter abbreviation.
	fc		required			documentation Formal concept in the form of a word or a phrase to denote the meaning of the defined concept in both machine-readable and human-understandable way as a linguistic term. Data type: xs:string
	dp		optional			documentation [Revised] Define the displayed simple or regular-expressed phrase for the current concept or reification. This displayed phrase is for human visual use and also controls how to display. Data type: xs:string.
	an		optional			documentation Definition of the concept.
	fcx		required			documentation Pointer to the industrial classification context concept of the current concept through the type of classificationIdentifier. This is to form the vector concept hierarchy. Data type: xpm:referenceTo.
	sel			sequence		documentation [New] Define either a choice or a sequence during reification. During reasoning, if selected are sequence, then all the TRUE must be conjuncted using AND, if selected are choice, all the TRUE must be at most be selected ONE.

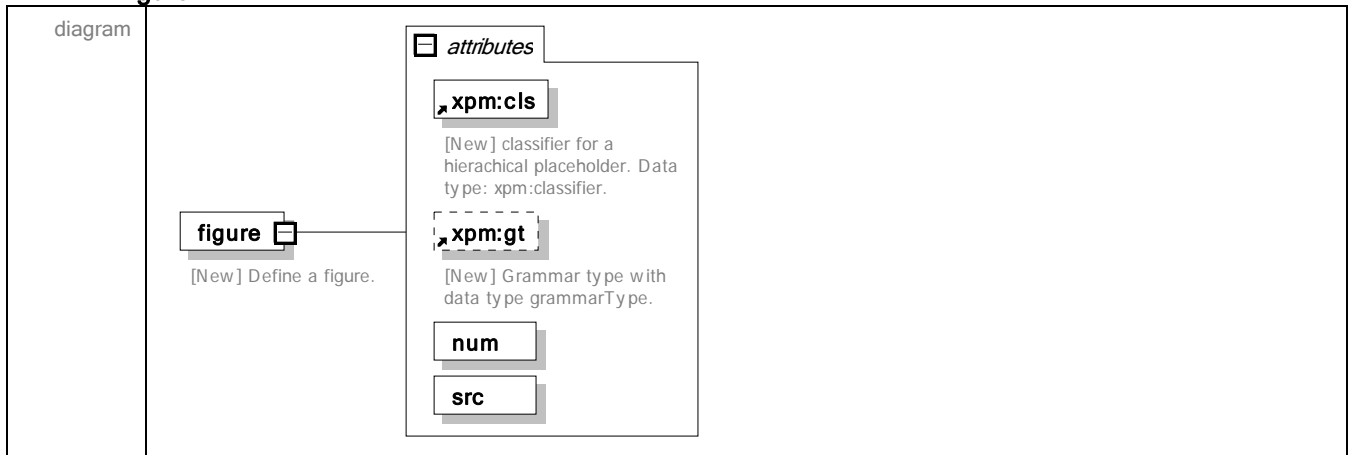
annotation	documentation Define the root concept as a composite concept made by a collection of hierarchical concepts attributed by "xpm:rt" referenced by a concept iid defined in "term".
source	<pre> <xs:element name="document"> <xs:annotation> <xs:documentation>Define the root concept as a composite concept made by a collection of hierarchical concepts attributed by "xpm:rt" referenced by a concept iid defined in "term". </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="xpm:head" minOccurs="0"/> <xs:element ref="xpm:word" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:phrase" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:sentence" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:paragraph" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:section" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:table" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:figure" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="history" minOccurs="0"> <xs:annotation> <xs:documentation>[New] Define the historical elemons.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="xpm:section"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> <xs:attribute ref="xpm:did" use="required"/> <xs:attribute ref="xpm:lang" use="required"/> <xs:attribute ref="xpm:fc" use="required"/> <xs:attribute ref="xpm:dp" use="optional"/> <xs:attribute ref="xpm:an" use="optional"/> <xs:attribute ref="xpm:fcx" use="required"/> <xs:attribute ref="xpm:sel" default="sequence"/> <!-- "rt" is copied from classifier where document names are classified --> </xs:complexType> </xs:element> </pre>

element document/history

diagram	<p>The diagram shows a dashed box labeled 'xpm:history' with a small square icon to its right. A line connects this box to a solid box labeled 'xpm:section' with a small square icon to its right. Below the dashed box is the text '[New] Define the historical elemons.' and below the solid box is the text '[New] Define a section.'</p>
namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
properties	isRef 0 minOcc 0 maxOcc 1 content complex
children	xpm:section
annotation	documentation [New] Define the historical elemons.

source	<pre> <xs:element name="history" minOccurs="0"> <xs:annotation> <xs:documentation>[New] Define the historical elemons.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="xpm:section"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--------	---

element figure



namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
-----------	--

properties	content complex
------------	-----------------

used by	elements column document section
---------	--

attributes	Name	Type	Use	Default	Fixed	annotation
	cls		required			documentation [New] classifier for a hierachical placeholder. Data type: xpm:classifier.
	gt			title		documentation [New] Grammar type with data type grammarType.
	num	xpm:figureNumber	required			
	src	xs:anyURI	required			

annotation	documentation [New] Define a figure.
------------	---

source	<pre> <xs:element name="figure"> <xs:annotation> <xs:documentation>[New] Define a figure.</xs:documentation> </xs:annotation> <xs:complexType> <xs:attribute ref="xpm:cls" use="required"/> <xs:attribute ref="xpm:gt" default="title"/> <xs:attribute name="num" type="xpm:figureNumber" use="required"/> </xs:complexType> </xs:element> </pre>
--------	---

	<pre> <xs:attribute name="src" type="xs:anyURI" use="required"/> </xs:complexType> </xs:element> </pre>
--	---

attribute **figure/@num**

type	xpm:figureNumber
properties	isRef 0 use required
source	<pre><xs:attribute name="num" type="xpm:figureNumber" use="required"/></pre>

attribute **figure/@src**

type	xs:anyURI
properties	isRef 0 use required
source	<pre><xs:attribute name="src" type="xs:anyURI" use="required"/></pre>

element head

<p>diagram</p> <p>head</p> <p>[New] Define head for document, section, table and figure, which could include sentence, phrase or word. It has grammar type "gt = title".</p> <p>attributes</p> <p>xpm:cls</p> <p>[New] classifier for a hierachical placeholder. Data type: xpm:classifier.</p> <p>xpm:gt</p> <p>[New] Grammar type with data type grammarType.</p> <p>xpm:word 0..∞</p> <p>[Revised from original elemon] Define basic concept, where each can be embed other large concepts. Word has concept type of various terms, and can be grammar type of subject, object, predicate, attribute and adverbial.</p> <p>xpm:phrase 0..∞</p> <p>[New] Define a phrase, which include various words, and can be grammar type of subject, object, predicate, attribute and adverbial.</p> <p>xpm:sentence 0..∞</p> <p>[New] Define a sentence, which includes various phrases or words, and can be grammar types of subjective, objective, attributive and adverbial sentence or clause.</p>																			
namespace	http://www.em2i.org/XPMSchemaReification/v09r61/																		
properties	content complex																		
children	xpm:word xpm:phrase xpm:sentence																		
used by	elements document section table																		
attributes	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>annotation</th> </tr> </thead> <tbody> <tr> <td>cls</td> <td></td> <td>required</td> <td></td> <td></td> <td>documentation [New] classifier for a hierachical placeholder. Data type: xpm:classifier.</td> </tr> <tr> <td>gt</td> <td></td> <td>required</td> <td></td> <td></td> <td>documentation [New] Grammar type with data type grammarType.</td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	annotation	cls		required			documentation [New] classifier for a hierachical placeholder. Data type: xpm:classifier.	gt		required			documentation [New] Grammar type with data type grammarType.
Name	Type	Use	Default	Fixed	annotation														
cls		required			documentation [New] classifier for a hierachical placeholder. Data type: xpm:classifier.														
gt		required			documentation [New] Grammar type with data type grammarType.														
annotation	documentation [New] Define head for document, section, table and figure, which could include sentence, phrase or word. It has grammar type "gt = title".																		

source

```
<xs:element name="head">
  <xs:annotation>
    <xs:documentation>[New] Define head for document, section, table and figure, which could
include sentence, phrase or word. It has grammar type "gt = title".</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="xpm:word" minOccurs="0" maxOccurs="unbounded"/>
      <xs:element ref="xpm:phrase" minOccurs="0" maxOccurs="unbounded"/>
      <xs:element ref="xpm:sentence" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute ref="xpm:cls" use="required"/>
    <xs:attribute ref="xpm:gt" use="required"/>
  </xs:complexType>
</xs:element>
```

element paragraph

diagram

paragraph

[New] Define a paragraph.

attributes

- xpm:cls**
[New] classifier for a hierarchical placeholder. Data type: xpm:classifier.
- xpm:sel**
[New] Define either a choice or a sequence during reification. During reasoning, if selected are sequence, then all the TRUE must be conjuncted using AND, if selected are choice, all the TRUE must be at most be selected ONE.
- xpm:mf**
Define math formula of computing the concept result. Data type: xpm:mathFormula.
- xpm:op**
Define the operator for the value.
- xpm:fn**
Define the function for operating the concept.

xpm:word

0..∞

[Revised from original elemon] Define basic concept, where each can be embed other large concepts. Word has concept type of various terms, and can be grammar type of subject, object, predicate, attribute and adverbial.

xpm:phrase

0..∞

[New] Define a phrase, which include various words, and can be grammar type of subject, object, predicate, attribute and adverbial.

xpm:sentence

0..∞

[New] Define a sentence, which includes various phrases or words, and can be grammar types of subjective, objective, attributive and adverbial sentence or clause.

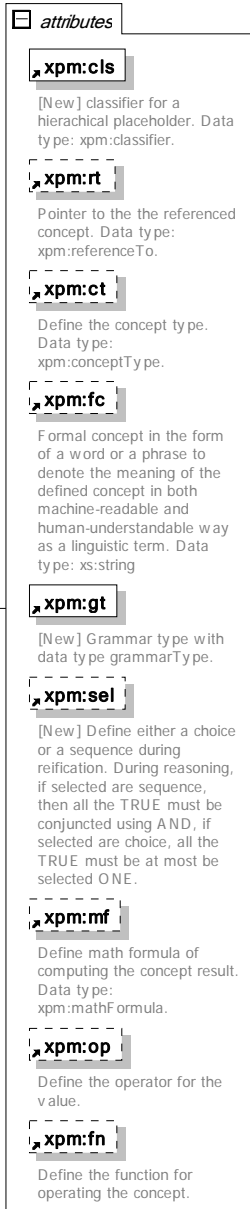
namespace

<http://www.em2i.org/XPMSchemaReification/v09r61/>

properties	content complex					
children	xpm:word xpm:phrase xpm:sentence					
used by	elements column document section					
attributes	Name	Type	Use required	Default	Fixed	annotation documentation [New] classifier for a hierachical placeholder. Data type: xpm:classifier. documentation [New] Define either a choice or a sequence during reification. During reasoning, if selected are sequence, then all the TRUE must be conjuncted using AND, if selected are choice, all the TRUE must be at most be selected ONE. documentation Define math formula of computing the concept result. Data type: xpm:mathFormula. documentation Define the operator for the value. documentation Define the function for operating the concept.
	cls					
	sel			sequence		
	mf					
	op					
	fn					
annotation	documentation [New] Define a paragraph.					
source	<pre> <xs:element name="paragraph"> <xs:annotation> <xs:documentation>[New] Define a paragraph.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="xpm:word" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:phrase" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:sentence" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute ref="xpm:cls" use="required"/> <xs:attribute ref="xpm:sel" default="sequence"/> <xs:attribute ref="xpm:mf"/> <xs:attribute ref="xpm:op"/> <xs:attribute ref="xpm:fn"/> </xs:complexType> </xs:element> </pre>					

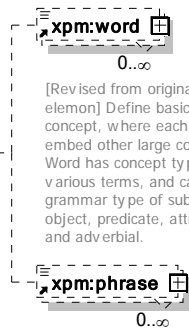
element phrase

diagram



phrase

[New] Define a phrase, which include various words, and can be grammar type of subject, object, predicate, attribute and adverial.



[New] Define a phrase, which include various words, and can be grammar type of subject, object, predicate, attribute and adverial.

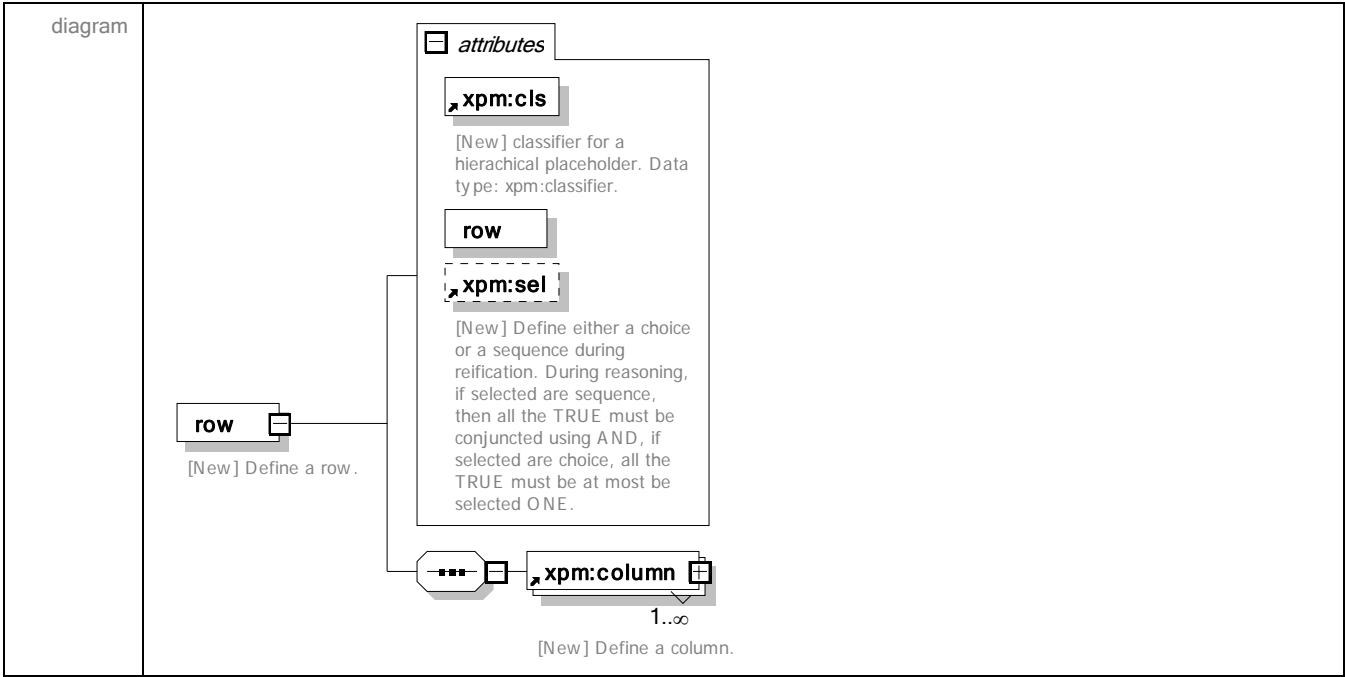
namespace	http://www.em2i.org/XPMSchemaReification/v09r61/					
properties	content mixed	complex true				
children	xpm:word xpm:phrase					
used by	elements	column document head paragraph phrase section sentence				
attributes	Name cls	Type	Use required	Default	Fixed	annotation documentation [New] classifier for a hierarchical placeholder. Data type: xpm:classifier.
	rt					documentation Pointer to the the referenced concept. Data type: xpm:referenceTo.
	ct					documentation Define the concept type. Data type: xpm:conceptType.
	fc		optional			documentation Formal concept in the form of a word or a phrase to denote the meaning of the defined concept in both machine-readable and human-understandable way as a linguistic term. Data type: xs:string
	gt		required			documentation [New] Grammar type with data type grammarType.
	sel			sequence		documentation [New] Define either a choice or a sequence during reification. During reasoning, if selected are sequence, then all the TRUE must be conjuncted using AND, if selected are choice, all the TRUE must be at most be selected ONE.
	mf					documentation Define math formula of computing the concept result. Data type: xpm:mathFormula.
	op					documentation Define the operator for the value.
	fn					documentation Define the function for operating the concept.
annotation	documentation [New] Define a phrase, which include various words, and can be grammar type of subject, object, predicate, attribute and adverbial.					
source	<pre><xs:element name="phrase"> <xs:annotation> <xs:documentation>[New] Define a phrase, which include various words, and can be grammar type of subject, object, predicate, attribute and adverbial.</xs:documentation></pre>					

```

</xs:annotation>
<xs:complexType mixed="true">
  <xs:sequence>
    <xs:element ref="xpm:word" minOccurs="0" maxOccurs="unbounded"/>
    <xs:element ref="xpm:phrase" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
  <xs:attribute ref="xpm:cls" use="required"/>
  <xs:attribute ref="xpm:rt"/>
  <xs:attribute ref="xpm:ct"/>
  <xs:attribute ref="xpm:fc" use="optional"/>
  <xs:attribute ref="xpm:gt" use="required"/>
  <xs:attribute ref="xpm:sel" default="sequence"/>
  <xs:attribute ref="xpm:mf"/>
  <xs:attribute ref="xpm:op"/>
  <xs:attribute ref="xpm:fn"/>
</xs:complexType>
</xs:element>

```

element row



namespace	http://www.em2i.org/XPMSchemaReification/v09r61/					
properties	content complex					
children	xpm:column					
used by	element table					
attributes	Name	Type	Use	Default	Fixed	annotation documentation
	cls		required			[New] classifier for a hierachical placeholder. Data type: xpm:classifier.
	row	xpm:rowNumber	required			

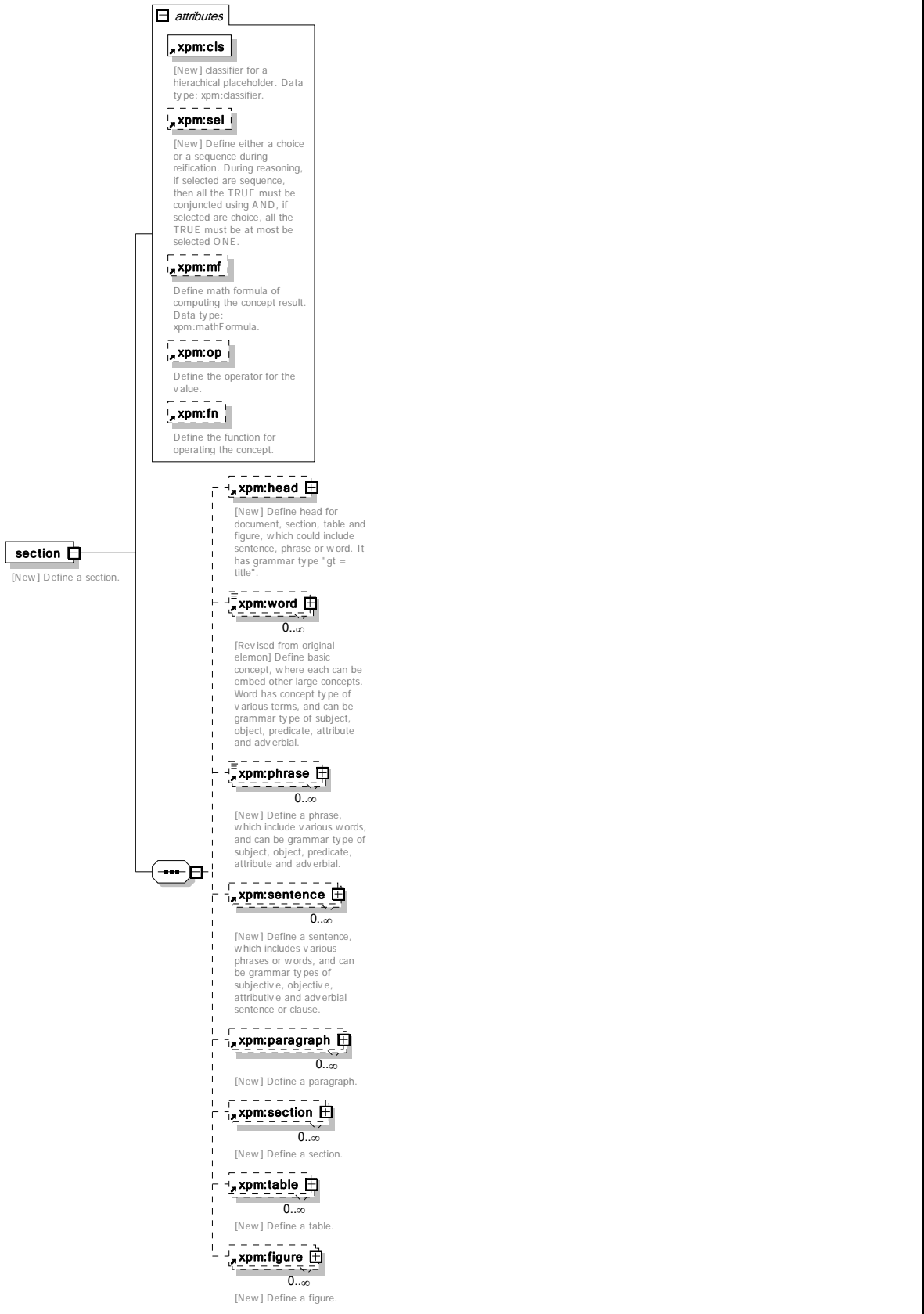
	sel	sequence	documentation [New] Define either a choice or a sequence during reification. During reasoning, if selected are sequence, then all the TRUE must be conjoined using AND, if selected are choice, all the TRUE must be at most be selected ONE.
annotation	documentation [New] Define a row.		
source	<pre> <xs:element name="row"> <xs:annotation> <xs:documentation>[New] Define a row.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="xpm:column" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute ref="xpm:cls" use="required"/> <xs:attribute name="row" type="xpm:rowNumber" use="required"/> <xs:attribute ref="xpm:sel" default="sequence"/> </xs:complexType> </xs:element> </pre>		

attribute row/@row

type	xpm:rowNumber
properties	isRef 0 use required
source	<pre><xs:attribute name="row" type="xpm:rowNumber" use="required"/></pre>

element section

diagram



namespace	http://www.em2i.org/XPMSchemaReification/v09r61/					
properties	content complex					
children	xpm:head xpm:word xpm:phrase xpm:sentence xpm:paragraph xpm:section xpm:table xpm:figure					
used by	elements column document section document/history					
attributes	Name	Type	Use	Default	Fixed	annotation
	cls		required			documentation [New] classifier for a hierachical placeholder. Data type: xpm:classifier.
	sel			sequence		documentation [New] Define either a choice or a sequence during reification. During reasoning, if selected are sequence, then all the TRUE must be conjuncted using AND, if selected are choice, all the TRUE must be at most be selected ONE.
	mf					documentation Define math formula of computing the concept result. Data type: xpm:mathFormula.
	op					documentation Define the operator for the value.
	fn					documentation Define the function for operating the concept.
annotation	documentation [New] Define a section.					
source	<pre> <xs:element name="section"> <xs:annotation> <xs:documentation>[New] Define a section.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="xpm:head" minOccurs="0"/> <xs:element ref="xpm:word" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:phrase" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:sentence" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:paragraph" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:section" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:table" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:figure" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute ref="xpm:cls" use="required"/> <xs:attribute ref="xpm:sel" default="sequence"/> <xs:attribute ref="xpm:mf"/> <xs:attribute ref="xpm:op"/> </xs:complexType> </xs:element> </pre>					

	<pre><xs:attribute ref="xpm:fn"/> </xs:complexType> </xs:element></pre>
--	---

element sentence

diagram

sentence

[New] Define a sentence, which includes various phrases or words, and can be grammar types of subjective, objective, attributive and adverbial sentence or clause.

attributes

- xpm:cls**
[New] classifier for a hierarchical placeholder. Data type: xpm:classifier.
- xpm:ct**
Define the concept type. Data type: xpm:conceptType.
- xpm:gt**
[New] Grammar type with data type grammarType.
- xpm:sel**
[New] Define either a choice or a sequence during reification. During reasoning, if selected are sequence, then all the TRUE must be conjuncted using AND, if selected are choice, all the TRUE must be at most be selected ONE.
- xpm:mf**
Define math formula of computing the concept result. Data type: xpm:mathFormula.
- xpm:op**
Define the operator for the value.
- xpm:fn**
Define the function for operating the concept.

xpm:word

0..∞

[Revised from original elemon] Define basic concept, where each can be embed other large concepts. Word has concept type of various terms, and can be grammar type of subject, object, predicate, attribute and adverbial.

xpm:phrase

0..∞

[New] Define a phrase, which include various words, and can be grammar type of subject, object, predicate, attribute and adverbial.

xpm:sentence

[New] Define a sentence, which includes various phrases or words, and can be grammar types of subjective, objective, attributive and adverbial sentence or clause.

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/					
properties	content complex					
children	xpm:word xpm:phrase xpm:sentence					
used by	elements column document head paragraph section sentence					
attributes	Name	Type	Use	Default	Fixed	annotation
	cls		required			documentation [New] classifier for a hierarchical placeholder. Data type: xpm:classifier.
	ct					documentation Define the concept type. Data type: xpm:conceptType.
	qt		required			documentation [New] Grammar type with data type grammarType.
	sel			sequence		documentation [New] Define either a choice or a sequence during reification. During reasoning, if selected are sequence, then all the TRUE must be conjoined using AND, if selected are choice, all the TRUE must be at most be selected ONE.
	mf					documentation Define math formula of computing the concept result. Data type: xpm:mathFormula.
	op					documentation Define the operator for the value.
	fn					documentation Define the function for operating the concept.
annotation	documentation [New] Define a sentence, which includes various phrases or words, and can be grammar types of subjective, objective, attributive and adverbial sentence or clause.					
source	<pre> <xs:element name="sentence"> <xs:annotation> <xs:documentation>[New] Define a sentence, which includes various phrases or words, and can be grammar types of subjective, objective, attributive and adverbial sentence or clause.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="xpm:word" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:phrase" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="xpm:sentence"/> </xs:sequence> </xs:complexType> </xs:element> </pre>					

```

<xs:attribute ref="xpm:cls" use="required"/>
<xs:attribute ref="xpm:ct"/>
<xs:attribute ref="xpm:gt" use="required"/>
<xs:attribute ref="xpm:sel" default="sequence"/>
<xs:attribute ref="xpm:mf"/>
<xs:attribute ref="xpm:op"/>
<xs:attribute ref="xpm:fn"/>
</xs:complexType>
</xs:element>

```

element table

<p>diagram</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>attributes</p> <p>xpm:cls [New] classifier for a hierarchical placeholder. Data type: xpm:classifier.</p> <p>xpm:gt [New] Grammar type with data type grammarType.</p> <p>xpm:sel [New] Define either a choice or a sequence during reification. During reasoning, if selected are sequence, then all the TRUE must be conjuncted using AND, if selected are choice, all the TRUE must be at most be selected ONE.</p> <p>tbl</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>table [New] Define a table.</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>xpm:row [New] Define a row. 1..∞</p> </div>												
<p>namespace</p>	<p>http://www.em2i.org/XPMSchemaReification/v09r61/</p>												
<p>properties</p>	<p>content complex</p>												
<p>children</p>	<p>xpm:head xpm:row</p>												
<p>used by</p>	<p>elements column document section</p>												
<p>attributes</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>annotation documentation</th> </tr> </thead> <tbody> <tr> <td>cls</td> <td></td> <td>required</td> <td></td> <td></td> <td>[New] classifier for a hierarchical placeholder.</td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	annotation documentation	cls		required			[New] classifier for a hierarchical placeholder.
Name	Type	Use	Default	Fixed	annotation documentation								
cls		required			[New] classifier for a hierarchical placeholder.								

	<p>gt title</p> <p>sel</p> <p>tbl xpm:tableNumber</p>	<p>Data type: xpm:classifier. documentation [New] Grammar type with data type grammarType. documentation [New] Define either a choice or a sequence during reification. During reasoning, if selected are sequence, then all the TRUE must be conjuncted using AND, if selected are choice, all the TRUE must be at most be selected ONE.</p>
annotation	documentation [New] Define a table.	
source	<pre> <xs:element name="table"> <xs:annotation> <xs:documentation>[New] Define a table.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="xpm:head" minOccurs="0"/> <xs:element ref="xpm:row" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute ref="xpm:cls" use="required"/> <xs:attribute ref="xpm:gt" default="title"/> <xs:attribute ref="xpm:sel"/> <xs:attribute name="tbl" type="xpm:tableNumber"/> </xs:complexType> </xs:element> </pre>	

attribute **table/@tbl**

type	xpm:tableNumber
properties	isRef 0
source	<code><xs:attribute name="tbl" type="xpm:tableNumber"/></code>

element word

<p>diagram</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>word</p> <p>[Revised from original elemon] Define basic concept, where each can be embed other large concepts. Word has concept type of various terms, and can be grammar type of subject, object, predicate, attribute and adverbial.</p> </div> <div style="width: 65%;"> <p>attributes</p> <p>xpm:cls [New] classifier for a hierachical placeholder. Data type: xpm:classifier.</p> <p>xpm:fc Formal concept in the form of a word or a phrase to denote the meaning of the defined concept in both machine-readable and human-understandable way as a linguistic term. Data type: xs:string</p> <p>xpm:ct Define the concept type. Data type: xpm:conceptType.</p> <p>xpm:gt [New] Grammar type with data type grammarType.</p> <p>xpm:rt Pointer to the the referenced concept. Data type: xpm:referenceTo.</p> <p>xpm:an Definition of the concept.</p> <p>xpm:st Define the status of the document or process. Data type: xpm:status.</p> <p>xpm:op Define the operator for the value.</p> <p>xpm:mf Define math formula of computing the concept result. Data type: xpm:mathFormula.</p> <p>xpm:fn Define the function for operating the concept.</p> </div> </div>												
<p>namespace</p>	<p>http://www.em2i.org/XPMSchemaReification/v09r61/</p>												
<p>properties</p>	<p>content complex mixed true</p>												
<p>used by</p>	<p>elements column document head paragraph phrase section sentence</p>												
<p>attributes</p>	<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>annotation</th> </tr> </thead> <tbody> <tr> <td>cls</td> <td></td> <td>required</td> <td></td> <td></td> <td>documentation [New] classifier for a hierachical</td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	annotation	cls		required			documentation [New] classifier for a hierachical
Name	Type	Use	Default	Fixed	annotation								
cls		required			documentation [New] classifier for a hierachical								

	<p>fc required</p> <p>ct required</p> <p>gt required</p> <p>rt required</p> <p>an optional</p> <p>st</p> <p>op</p> <p>mf</p> <p>fn</p>	<p>placeholder. Data type: xpm:classifier. documentation Formal concept in the form of a word or a phrase to denote the meaning of the defined concept in both machine-readable and human-understandable way as a linguistic term. Data type: xs:string</p> <p>documentation Define the concept type. Data type: xpm:conceptType. documentation [New] Grammar type with data type grammarType. documentation Pointer to the the referenced concept. Data type: xpm:referenceTo. documentation Definition of the concept. documentation Define the status of the document or process. Data type: xpm:status. documentation Define the operator for the value. documentation Define math formula of computing the concept result. Data type: xpm:mathFormula. documentation Define the function for operating the concept.</p>
annotation	documentation [Revised from original elemon] Define basic concept, where each can be embed other large concepts. Word has concept type of various terms, and can be grammar type of subject, object, predicate, attribute and adverbial.	
source	<pre> <xs:element name="word"> <xs:annotation> <xs:documentation>[Revised from original elemon] Define basic concept, where each can be embed other large concepts. Word has concept type of various terms, and can be grammar type of subject, object, predicate, attribute and adverbial.</xs:documentation> </xs:annotation> <xs:complexType mixed="true"> <xs:attribute ref="xpm:cls" use="required"/> <xs:attribute ref="xpm:fc" use="required"/> <xs:attribute ref="xpm:ct" use="required"/> <xs:attribute ref="xpm:gt" use="required"/> <xs:attribute ref="xpm:rt" use="required"/> <xs:attribute ref="xpm:an" use="optional"/> <xs:attribute ref="xpm:st"/> <xs:attribute ref="xpm:op"/> <xs:attribute ref="xpm:mf"/> <xs:attribute ref="xpm:fn"/> </xs:complexType> </pre>	

	<code></xs:element></code>
--	----------------------------------

simpleType allNNI

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	union of (xs:nonNegativeInteger , restriction of xs:NMTOKEN)
used by	attribute occurs/@maxOccurs
annotation	documentation Definition for maxOccurs.
source	<pre> <xs:simpleType name="allNNI"> <xs:annotation> <xs:documentation>Definition for maxOccurs.</xs:documentation> </xs:annotation> <xs:union memberTypes="xs:nonNegativeInteger"> <xs:simpleType> <xs:restriction base="xs:NMTOKEN"> <xs:enumeration value="unbounded"/> </xs:restriction> </xs:simpleType> </xs:union> </xs:simpleType> </pre>

simpleType attachment

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	restriction of xs:NMTOKEN
used by	attribute att
facets	enumeration yes enumeration no
annotation	documentation Define whether the document is attached or not.
source	<pre> <xs:simpleType name="attachment"> <xs:annotation> <xs:documentation>Define whether the document is attached or not.</xs:documentation> </xs:annotation> <xs:restriction base="xs:NMTOKEN"> <xs:enumeration value="yes"/> <xs:enumeration value="no"/> </xs:restriction> </xs:simpleType> </pre>

simpleType classificationIdentifier

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:string
used by	attribute pc
annotation	documentation Classification identifier. Data type: xs:string. Syntax in decimal form: "i...i:YYYYMMDDHHMMSSNN:YYYYMMDDHHMMSSNN". In implementation, i...i is the concept on a vector concept tree. The YYYYMMDDHHMMSSNN:YYYYMMDDHHMMSSNN is the concept idnetifier. The mixed 60-number base of classifier identifier is "i...i:YybKGYYY:YybKGYYY" in which the "i" is the decimal base.

source	<pre><xs:simpleType name="classificationIdentifier"> <xs:annotation> <xs:documentation>Classification identifier. Data type: xs:string. Syntax in decimal form: "i...i:YYYYMMDDHHMMSSNN:YYYYMMDDHHMMSSNN". In implementation, i...i is the concept on a vector concept tree. The YYYYMMDDHHMMSSNN:YYYYMMDDHHMMSSNN is the concept idnetifier. The mixed 60-number base of classifier identifier is "i...i:YYbKGYYY:YYbKGYYY" in which the "i" is the decimal base.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"/> </xs:simpleType></pre>
--------	--

simpleType classifier

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:string
used by	attributes cid cls
annotation	<p>documentation</p> <p>[New] Classifier, used a concept position placeholder so the classificationIdentifier has the correct hierarchy. Data type: xs:string in the form of i...i-YYbKGYYY. In implementation, the first part i...i is the concept on a vector concept tree. However, when id node is a paragraph, it is "i+p"; when i node is a section, it is "i+s"; when i node is a table, it is "i+t"; when i node is a row, it is "i+r"; when a node is a column, it is "i+c"; when i node is a figure, it is "i+f"; . For example, 1s.1p.1.1.2 or 2t.1r.ic or 3f. The second part YYbKGYYY is the time-stamp.</p>
source	<pre><xs:simpleType name="classifier"> <xs:annotation> <xs:documentation>[New] Classifier, used a concept position placeholder so the classificationIdentifier has the correct hierarchy. Data type: xs:string in the form of i...i-YYbKGYYY. In implementation, the first part i...i is the concept on a vector concept tree. However, when id node is a paragraph, it is "i+p"; when i node is a section, it is "i+s"; when i node is a table, it is "i+t"; when i node is a row, it is "i+r"; when a node is a column, it is "i+c"; when i node is a figure, it is "i+f"; . For example, 1s.1p.1.1.2 or 2t.1r.ic or 3f. The second part YYbKGYYY is the time-stamp.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"/> </xs:simpleType></pre>

simpleType columnNumber

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:integer
annotation	<p>documentation</p> <p>[New] Define the column number.</p>
source	<pre><xs:simpleType name="columnNumber"> <xs:annotation> <xs:documentation>[New] Define the column number.</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"/> </xs:simpleType></pre>

simpleType conceptIdentifier

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
-----------	--

type	xs:string
used by	attribute iid
annotation	documentation <p>Concept identifier. Data type: xpm:conceptIdentifier based on xs:string. Syntax in two parts of decimal form: YYYYMMDDHHMMSSNN:YYYYMMDDHHMMSSNN. The first part is the history time of creation time that the concept is first time to be created plus sequence number NN=(00, 59) and the second part is the current time plus NN=(0, 59) . In implementation, the timestamp YYYYMMDDHHMMSS and the sequence number NN could be generated by machine. But the decimal timestamp and sequence number should be converted to 60-number base character to save space with 8-character defined in the sequence of [0123456789aAbBcCdDeEffGgHhIiJjKkLlMmNnOoPpQqRrSsTtUuVvWwXxYy]. Syntax: YYbKGYYY:YYbKGYYY, where each part is constructed as 1st two YY is year (e.g. Lj=2008; 3nd b is month [0-9aAb]; 4th K is day [0-9aA-kK], 5th G is hour [0-9aA-gG]; 6th Y is minute [0-9aA-yY], 7th Y is second [0-9aA-yY] and 8th Y is a sequence number NN=(0, Y). In implementation, a decimal to 60-base converter must be implemented. The left part of timestamp refers to an original concept and the right part is the latest time refers to a latest version of the concept. With this timestamp, every concept can be traced how it is developed and different uses can be mapped onto the correct versioning concept.</p>
source	<pre><xs:simpleType name="conceptIdentifier"> <xs:annotation> <xs:documentation>Concept identifier. Data type: xpm:conceptIdentifier based on xs:string. Syntax in two parts of decimal form: YYYYMMDDHHMMSSNN:YYYYMMDDHHMMSSNN. The first part is the history time of creation time that the concept is first time to be created plus sequence number NN=(00, 59) and the second part is the current time plus NN=(0, 59) . In implementation, the timestamp YYYYMMDDHHMMSS and the sequence number NN could be generated by machine. But the decimal timestamp and sequence number should be converted to 60-number base character to save space with 8-character defined in the sequence of [0123456789aAbBcCdDeEffGgHhIiJjKkLlMmNnOoPpQqRrSsTtUuVvWwXxYy]. Syntax: YYbKGYYY:YYbKGYYY, where each part is constructed as 1st two YY is year (e.g. Lj=2008; 3nd b is month [0-9aAb]; 4th K is day [0-9aA-kK], 5th G is hour [0-9aA-gG]; 6th Y is minute [0-9aA-yY], 7th Y is second [0-9aA-yY] and 8th Y is a sequence number NN=(0, Y). In implementation, a decimal to 60-base converter must be implemented. The left part of timestamp refers to an original concept and the right part is the latest time refers to a latest version of the concept. With this timestamp, every concept can be traced how it is developed and different uses can be mapped onto the correct versioning concept.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"/> </xs:simpleType></pre>

simpleType conceptIdentifierList

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:string
annotation	documentation <p>[New] Concept identifierList. A list of cocept identifiers. Data type: list.</p>
source	<pre><xs:simpleType name="conceptIdentifierList"> <xs:annotation> <xs:documentation>[New] Concept identifierList. A list of cocept identifiers. Data type: list.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"/> </xs:simpleType></pre>

simpleType conceptType

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	restriction of xs:NMTOKEN

used by	attribute ct
facets	enumeration atomicNoun enumeration fixedGroup enumeration compGroup enumeration terminology enumeration verb enumeration infinitive enumeration adjective enumeration adverb enumeration quantifier enumeration numeral enumeration pronoun enumeration preposition enumeration supRule enumeration inclusionRule enumeration exclusionRule enumeration ranking
annotation	documentation The concept type of atomic noun, verb, adjective, adverb, quantifier, numerical, group concept and terminology.
source	<pre> <xs:simpleType name="conceptType"> <xs:annotation> <xs:documentation>The concept type of atomic noun, verb, adjective, adverb, quantifier, numerical, group concept and terminology.</xs:documentation> </xs:annotation> <xs:restriction base="xs:NMTOKEN"> <xs:enumeration value="atomicNoun"/> <xs:enumeration value="fixedGroup"/> <xs:enumeration value="compGroup"/> <xs:enumeration value="terminology"/> <xs:enumeration value="verb"/> <xs:enumeration value="infinitive"/> <xs:enumeration value="adjective"/> <xs:enumeration value="adverb"/> <xs:enumeration value="quantifier"/> <xs:enumeration value="numeral"/> <xs:enumeration value="pronoun"/> <xs:enumeration value="preposition"/> <xs:enumeration value="supRule"/> <xs:enumeration value="inclusionRule"/> <xs:enumeration value="exclusionRule"/> <xs:enumeration value="ranking"/> </xs:restriction> </xs:simpleType> </pre>

simpleType dataType

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	restriction of xs:NMTOKEN
used by	attribute dt
facets	enumeration xs:string enumeration xs:integer enumeration xs:decimal enumeration xs:anyURI enumeration xpm:valueRange
annotation	documentation Define all the enumeration of XPM data types.
source	<pre> <xs:simpleType name="dataType"> <xs:annotation> </pre>

	<pre> <xs:documentation>Define all the enumeration of XPM data types.</xs:documentation> </xs:annotation> <xs:restriction base="xs:NMTOKEN"> <xs:enumeration value="xs:string"/> <xs:enumeration value="xs:integer"/> <xs:enumeration value="xs:decimal"/> <xs:enumeration value="xs:anyURI"/> <xs:enumeration value="xpm:valueRange"/> <!--xpm:valueRange is defined as a value range between a minimum value and a maximum value such that valueRange = (min, max)--> </xs:restriction> </xs:simpleType> </pre>
--	---

simpleType documentIdentifier

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:string
used by	attribute did
annotation	documentation Define the identifier of document. Based data type: xs:string. Syntax: "vocabularyIdentifier-classifierIdentifier" in 60-number base. The first is vocabularyIdentifier of a classifier vocabulary and the second part is the cid of a particular classifier in that classifier vocabulary, which points to the document template.
source	<pre> <xs:simpleType name="documentIdentifier"> <xs:annotation> <xs:documentation>Define the identifier of document. Based data type: xs:string. Syntax: "vocabularyIdentifier-classifierIdentifier" in 60-number base. The first is vocabularyIdentifier of a classifier vocabulary and the second part is the cid of a particular classifier in that classifier vocabulary, which points to the document template.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"/> </xs:simpleType> </pre>

simpleType figureNumber

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:integer
used by	attribute figure/@num
annotation	documentation [New] Define the figure number.
source	<pre> <xs:simpleType name="figureNumber"> <xs:annotation> <xs:documentation>[New] Define the figure number.</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"/> </xs:simpleType> </pre>

simpleType function

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:string

used by	attribute fn
annotation	documentation [Revised] Define the function for computing the concept value in reification. Data type: xs:anyURL
source	<pre><xs:simpleType name="function"> <xs:annotation> <xs:documentation>[Revised] Define the function for computing the concept value in reification. Data type: xs:anyURL</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"/> </xs:simpleType></pre>

simpleType grammarType

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	restriction of xs:NMTOKEN
used by	attribute qt
facets	<ul style="list-style-type: none"> enumeration word enumeration phrase enumeration simpleSentence enumeration conditionalSentence enumeration CompoundSentence enumeration subject enumeration object enumeration predicate enumeration attribute enumeration adverbial enumeration nominalClause enumeration atributiveClause enumeration adverbialClause enumeration title
annotation	documentation [New] Grammar type.
source	<pre><xs:simpleType name="grammarType"> <xs:annotation> <xs:documentation>[New] Grammar type.</xs:documentation> </xs:annotation> <xs:restriction base="xs:NMTOKEN"> <xs:enumeration value="word"/> <xs:enumeration value="phrase"/> <xs:enumeration value="simpleSentence"/> <xs:enumeration value="conditionalSentence"/> <xs:enumeration value="CompoundSentence"/> <xs:enumeration value="subject"/> <xs:enumeration value="object"/> <xs:enumeration value="predicate"/> <xs:enumeration value="attribute"/> <xs:enumeration value="adverbial"/> <xs:enumeration value="nominalClause"/> <xs:enumeration value="atributiveClause"/> <xs:enumeration value="adverbialClause"/> <xs:enumeration value="title"/> </xs:restriction> </xs:simpleType></pre>

simpleType groupldentifier

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:string
used by	attribute gid
annotation	documentation [Revised] Group identifier. Data type: xpm:conceptIdentifier+i. The iid is copied from term iid and i is a sequence number. For the root of the hierarchy, it is always like iid-0. For each lower level, iid-i has i, where i starting from 1, NOT 0. This is used to differentiate which is a root group concept that is defining and using.
source	<pre><xs:simpleType name="groupldentifier"> <xs:annotation> <xs:documentation>[Revised] Group identifier. Data type: xpm:conceptIdentifier+i. The iid is copied from term iid and i is a sequence number. For the root of the hierarchy, it is always like iid-0. For each lower level, iid-i has i, where i starting from 1, NOT 0. This is used to differentiate which is a root group concept that is defining and using.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"/> </xs:simpleType></pre>

simpleType handle

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	restriction of xs:NMTOKEN
used by	attribute hdl
facets	enumeration manual enumeration automatic
annotation	documentation Define how the action is handled - manula or automatic.
source	<pre><xs:simpleType name="handle"> <xs:annotation> <xs:documentation>Define how the action is handled - manula or automatic.</xs:documentation> </xs:annotation> <xs:restriction base="xs:NMTOKEN"> <xs:enumeration value="manual"/> <xs:enumeration value="automatic"/> </xs:restriction> </xs:simpleType></pre>

simpleType language

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	restriction of xs:NMTOKEN
used by	attribute lang
facets	enumeration eng enumeration chn
annotation	documentation Natural language name representation in short form using standard of ISO 639-2, e.g. Chinese in "chi" and English for "eng". Data type: xs:NMTOKEN. Syntax: ISO 693-2 three-letter abbreviation.
source	<pre><xs:simpleType name="language"> <xs:annotation> <xs:documentation>Natural language name representation in short form using standard of ISO 639-2, e.g. Chinese in "chi" and English for "eng". Data type: xs:NMTOKEN. Syntax: ISO 693-2</pre>

	<pre> three-letter abbreviation.</xs:documentation> </xs:annotation> <xs:restriction base="xs:NMTOKEN"> <xs:enumeration value="eng"/> <xs:enumeration value="chn"/> </xs:restriction> </xs:simpleType> </pre>
--	---

simpleType mathFormula

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:string
used by	attribute mf
annotation	documentation Define the mathematical formula for the group concept if it is a computational concept. Data type: xs:string. Syntax: formula is placed in "{ }". For implementation, math notation for math symbols and math operators must first be defined. It is suggested to follow a certain math parser standard. More instruction will be followed in next versions.
source	<pre> <xs:simpleType name="mathFormula"> <xs:annotation> <xs:documentation>Define the mathematical formula for the group concept if it is a computational concept. Data type: xs:string. Syntax: formula is placed in "{ }". For implementation, math notation for math symbols and math operators must first be defined. It is suggested to follow a certain math parser standard. More instruction will be followed in next versions.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"/> </xs:simpleType> </pre>

simpleType mode

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	restriction of xs:NMTOKEN
facets	enumeration template enumeration pattern enumeration reification
annotation	documentation Define whether the processing mode of documents and processes in either "template", "pattern" or "reification"
source	<pre> <xs:simpleType name="mode"> <xs:annotation> <xs:documentation>Define whether the processing mode of documents and processes in either "template", "pattern" or "reification"</xs:documentation> </xs:annotation> <xs:restriction base="xs:NMTOKEN"> <xs:enumeration value="template"/> <xs:enumeration value="pattern"/> <xs:enumeration value="reification"/> </xs:restriction> </xs:simpleType> </pre>

simpleType operand

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
-----------	--

type	union of (xs:nonNegativeInteger , restriction of xs:string)
used by	attribute op
annotation	documentation Define the operand for operating the concept value in reification
source	<pre> <xs:simpleType name="operand"> <xs:annotation> <xs:documentation>Define the operand for operating the concept value in reification</xs:documentation> </xs:annotation> <xs:union memberTypes="xs:nonNegativeInteger"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="LgAndEq"/> <xs:enumeration value="LgThan"/> <xs:enumeration value="Eq"/> <xs:enumeration value="LsAndEq"/> <xs:enumeration value="LsThan"/> <xs:enumeration value="true"/> <xs:enumeration value="false"/> <xs:enumeration value="null"/> <xs:enumeration value="("/> <xs:enumeration value=")"/> <xs:enumeration value="["/> <xs:enumeration value="]"/> <xs:enumeration value="{"/> <xs:enumeration value="}"/> <xs:enumeration value="fn"/> <xs:enumeration value="val"/> <xs:enumeration value="const"/> <xs:enumeration value="+"/> <xs:enumeration value="-"/> <xs:enumeration value="*"/> <xs:enumeration value="/"> <xs:enumeration value="^"/> <xs:enumeration value="sqrt"/> <xs:enumeration value="cube"/> <xs:enumeration value="and"/> <xs:enumeration value="or"/> <xs:enumeration value="xor"/> <xs:enumeration value="not"/> <xs:enumeration value="min"/> <xs:enumeration value="max"/> </xs:restriction> </xs:simpleType> </xs:union> </xs:simpleType> </pre>

simpleType quantifier

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	restriction of xs:NMTOKEN
used by	attribute qfr
facets	enumeration one enumeration multi

	enumeration all
annotation	documentation Define logical quantifier of "there exists one", "there exist many" and "for all".
source	<pre><xs:simpleType name="quantifier"> <xs:annotation> <xs:documentation>Define logical quantifier of "there exists one", "there exist many" and "for all".</xs:documentation> </xs:annotation> <xs:restriction base="xs:NMTOKEN"> <xs:enumeration value="one"/> <xs:enumeration value="multi"/> <xs:enumeration value="all"/> </xs:restriction> </xs:simpleType></pre>

simpleType referenceTo

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:string
used by	attributes ant ctx fcx mlg rt sim syn
annotation	documentation The concept that the current concept refers to, i.e. the referenced concept. Data type: vid:iid when pointing to a term or vid:cid when pointing to a classifier.
source	<pre><xs:simpleType name="referenceTo"> <xs:annotation> <xs:documentation>The concept that the current concept refers to, i.e. the referenced concept. Data type: vid:iid when pointing to a term or vid:cid when pointing to a classifier.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"/> </xs:simpleType></pre>

simpleType reifierDocumentIdentifier

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:string
annotation	documentation Define the identifier of reified document. Format: documentIdentifier + the IID part for current time..
source	<pre><xs:simpleType name="reifierDocumentIdentifier"> <xs:annotation> <xs:documentation>Define the identifier of reified document. Format: documentIdentifier + the IID part for current time..</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"/> </xs:simpleType></pre>

simpleType rowNumber

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:integer
used by	attribute row/@row

annotation	documentation [New] Define the row number.
source	<pre><xs:simpleType name="rowNumber"> <xs:annotation> <xs:documentation>[New] Define the row number.</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"/> </xs:simpleType></pre>

simpleType selection

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	restriction of xs:NMTOKEN
used by	attribute sel
facets	enumeration sequence enumeration choice enumeration preference
annotation	documentation [New] Define whether the concept list is a choice or a sequence. A sequence means that all the selected should be conjuncted (AND) and a choice means that all the selected should be disjuncted (OR) and a preference (superiority).
source	<pre><xs:simpleType name="selection"> <xs:annotation> <xs:documentation>[New] Define whether the concept list is a choice or a sequence. A sequence means that all the selected should be conjuncted (AND) and a choice means that all the selected should be disjuncted (OR) and a preference (superiority).</xs:documentation> </xs:annotation> <xs:restriction base="xs:NMTOKEN"> <xs:enumeration value="sequence"/> <xs:enumeration value="choice"/> <xs:enumeration value="preference"/> </xs:restriction> </xs:simpleType></pre>

simpleType status

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	restriction of xs:NMTOKEN
used by	attribute st
facets	enumeration undesigned enumeration editing enumeration using enumeration deprecated enumeration withdrawn
annotation	documentation Define whether the status in "template" for document, "pattern" for process, or their "reification", or "editing", "using", "deprecated", or "withdrawn"
source	<pre><xs:simpleType name="status"> <xs:annotation> <xs:documentation>Define whether the stutus in "template" for document, "pattern" for process, or their "reification", or "editing", "using", "deprecated", or "withdrawn"</xs:documentation> </xs:annotation> <xs:restriction base="xs:NMTOKEN"> <xs:enumeration value="undesigned"/> </xs:restriction> </xs:simpleType></pre>

	<pre> <xs:enumeration value="editing"/> <xs:enumeration value="using"/> <xs:enumeration value="depreciated"/> <xs:enumeration value="withdrawn"/> <!-- is in editing mode --> <!-- is in using mode --> <!-- is in depreciation mode and not encouraged to use but instead of latest concept --> <!-- is in withdraw mode and no one is in use and could be safely moved to deep history storage --> </xs:restriction> </xs:simpleType> </pre>
--	--

simpleType tableNumber

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	xs:integer
used by	attributes column/@col table/@tbl
annotation	documentation [New] Define the table number.
source	<pre> <xs:simpleType name="tableNumber"> <xs:annotation> <xs:documentation>[New] Define the table number.</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"/> </xs:simpleType> </pre>

simpleType visibility

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	restriction of xs:NMTOKEN
used by	attribute vis
facets	enumeration public enumeration community enumeration private
annotation	documentation Define whether the action is visible to "public", "community" or "private".
source	<pre> <xs:simpleType name="visibility"> <xs:annotation> <xs:documentation>Define whether the action is visible to "public", "community" or "private".</xs:documentation> </xs:annotation> <xs:restriction base="xs:NMTOKEN"> <xs:enumeration value="public"/> <xs:enumeration value="community"/> <xs:enumeration value="private"/> </xs:restriction> </xs:simpleType> </pre>

simpleType vocabularyIdentifier

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
-----------	--

type	xs:string
used by	attribute vid
annotation	documentation Vocabulary identifier. Base data type: xs:string. Syntax: "conceptIdentifier-conceptIdentifier" in 60-number base. The first conceptIdentifier is parent vocabulary iid and the second conceptIdentifier is the current vocabulary iid.
source	<pre><xs:simpleType name="vocabularyIdentifier"> <xs:annotation> <xs:documentation>Vocabulary identifier. Base data type: xs:string. Syntax: "conceptIdentifier-conceptIdentifier" in 60-number base. The first conceptIdentifier is parent vocabulary iid and the second conceptIdentifier is the current vocabulary iid. </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"/> </xs:simpleType></pre>

simpleType vocabularyType

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/
type	restriction of xs:NMTOKEN
used by	attribute vt
facets	<ul style="list-style-type: none"> enumeration term enumeration classifier enumeration multilingual enumeration synonym enumeration simterm enumeration antonym
annotation	documentation The concept type of atomic noun, verb, adjective, adverb, quantifier, numerical, group concept and terminology.
source	<pre><xs:simpleType name="vocabularyType"> <xs:annotation> <xs:documentation>The concept type of atomic noun, verb, adjective, adverb, quantifier, numerical, group concept and terminology.</xs:documentation> </xs:annotation> <xs:restriction base="xs:NMTOKEN"> <xs:enumeration value="term"/> <xs:enumeration value="classifier"/> <xs:enumeration value="multilingual"/> <xs:enumeration value="synonym"/> <xs:enumeration value="simterm"/> <xs:enumeration value="antonym"/> </xs:restriction> </xs:simpleType></pre>

attributeGroup occurs

namespace	http://www.em2i.org/XPMSchemaReification/v09r61/					
attributes	Name	Type	Use	Default	Fixed	annotation
	minOccurs	xs:nonNegativeInteger		1		
	maxOccurs	xpm:allNNI		1		
annotation	documentation Define the occurrence of the concept to include "minOccurs" and "maxOccurs".					
source	<pre><xs:attributeGroup name="occurs"> <xs:annotation> <xs:documentation>Define the occurrence of the concept to include "minOccurs" and</pre>					

	<pre>"maxOccurs".</xs:documentation> </xs:annotation> <xs:attribute name="minOccurs" type="xs:nonNegativeInteger" default="1"/> <xs:attribute name="maxOccurs" type="xpm:allNNI" default="1"/> </xs:attributeGroup></pre>
--	---

attribute occurs/@minOccurs

type	xs:nonNegativeInteger
properties	isRef 0 default 1
source	<pre><xs:attribute name="minOccurs" type="xs:nonNegativeInteger" default="1"/></pre>

attribute occurs/@maxOccurs

type	xpm:allNNI
properties	isRef 0 default 1
source	<pre><xs:attribute name="maxOccurs" type="xpm:allNNI" default="1"/></pre>