

Schema documentation for CDML-TradeValuationReport-003.xsd

september 3, 2014

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Resource hierarchy:

Legend:  Import,  Include,  Redefine,  Override,  Cycle detected

CDML-TradeValuationReport-003.xsd

  CDML-datatypes-003.xsd

Namespace: "urn:cdml:schema:position:tradeValuation"

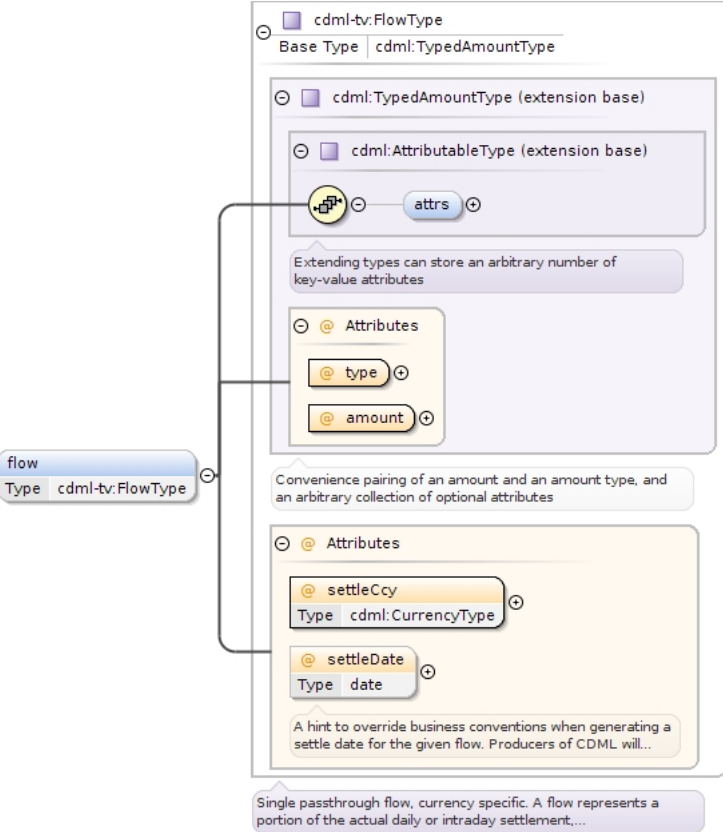
Schema(s)

Main schema CDML - TradeValuationReport - 003.xsd

Namespace	urn:cdml:schema:position:tradeValuation
Properties	attribute form default: unqualified
	element form default: qualified
	version: 2

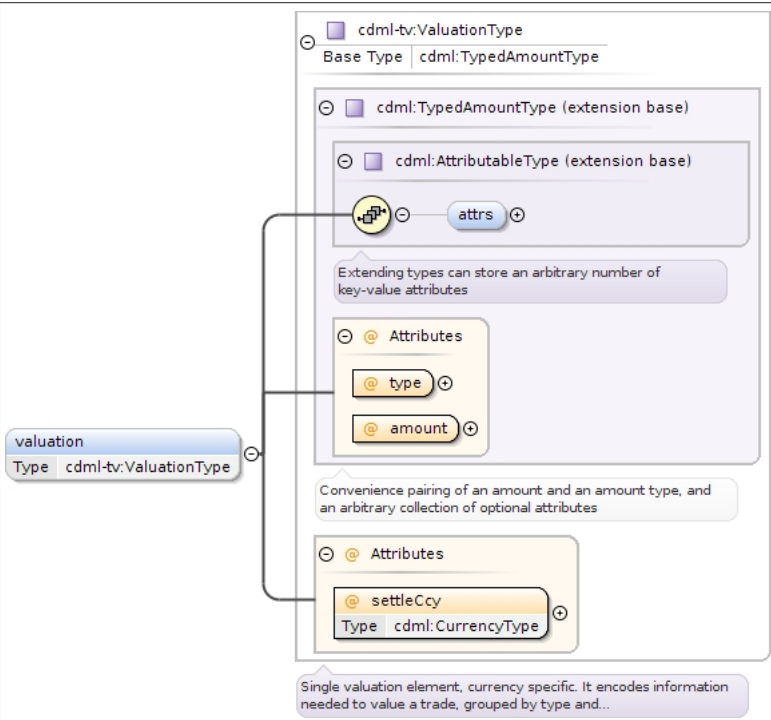
Element(s)

Element cdml-tv:FlowGroupType / cdml-tv:flow

Namespace	urn:cdml:schema:position:tradeValuation
Diagram	

Type	cdml-tv:FlowType			
Type hierarchy	- cdml:AttributableType - cdml:TypedAmountType - cdml-tv:FlowType			
Properties	content:	complex		
	minOccurs:	0		
	maxOccurs:	unbounded		
Model	cdml:attrs{0,1}			
Children	cdml:attrs			
Instance	<pre><cdml-tv:flow amount="" settleCcy="" settleDate="" type="" xmlns:cdml-tv="urn:cdml:schema:position:tradeValuation" xmlns:cdml="urn:cdml:schema:common:types"> <cdml:attrs>{0,1}</cdml:attrs> </cdml-tv:flow></pre>			
Attributes	QName	Type	Use	
	amount	cdml:AmountType	required	
	settleCcy	cdml:CurrencyType	required	
	settleDate	date	optional	
		A hint to override business conventions when generating a settle date for the given flow. Producers of CDML will normally delegate on consumers to generate a settle date, based on the economic characteristics of the flow use this attribute to signal the date is already chosen. Setting the settleDate signals them to ignore other economic characteristics, and use it as provided		
	type	cdml:AmountTypeType	required	
Source	<element name="flow" type="cdml-tv:FlowType" minOccurs="0" maxOccurs="unbounded"/>			

Element cdml-tv:ValuationGroupType / cdml-tv:valuation

Namespace	urn:cdml:schema:position:tradeValuation			
Diagram				
Type	cdml-tv:ValuationType			
Type hierarchy	cdml:AttributableType			

	- cdml:TypedAmountType - cdml-tv:ValuationType			
Properties	content:	complex		
	minOccurs:	0		
	maxOccurs:	unbounded		
Model	cdml:attrs{0,1}			
Children	cdml:attrs			
Instance	<pre><cdml-tv:valuation amount="" settleCcy="" type="" xmlns:cdml-tv="urn:cdml:schema:position:tradeValuation" xmlns:cdml="urn:cdml:schema:common:types"> <cdml:attrs>{0,1}</cdml:attrs> </cdml-tv:valuation></pre>			
Attributes	QName	Type	Use	
	amount	cdml:AmountType	required	
	settleCcy	cdml:CurrencyType	required	
	type	cdml:AmountTypeType	required	
Source	<pre><element name="valuation" type="cdml-tv:ValuationType" minOccurs="0" maxOccurs="unbounded"/></pre>			

Element cdml-tv:TradeElementsGroup / cdml-tv:clearedTradeId

Namespace	urn:cdml:schema:position:tradeValuation		
Diagram	<pre>classDiagram class clearedTradeId { Type cdml:TradeIdType } class cdmlTradeIdType["cdml:TradeIdType"] clearedTradeId --> cdmlTradeIdType note for cdmlTradeIdType "Arbitrary trade identifier"</pre>		
Type	cdml:TradeIdType		
Type hierarchy	• token • cdml:AlphanumericIdType • cdml:TradeIdType		
Properties	content:	simple	
	minOccurs:	1	
	maxOccurs:	1	
Facets	minLength	1	
	maxLength	256	
Source	<element name="clearedTradeId" type="cdml:TradeIdType" minOccurs="1" maxOccurs="1"/>		

Element cdml-tv:TradeElementsGroup / cdml-tv:CCP

Namespace	urn:cdml:schema:position:tradeValuation			
Diagram				
Type	cdml:CCPIdType			
Type hierarchy	- token - cdml:AlphanumericIdType - cdml:CCPIdType			
Properties	content:	simple		
	minOccurs:	1		
	maxOccurs:	1		
Facets	minLength	1		
	maxLength	64		

Source	<code><element name="CCP" type="cdml:CCPIdType" minOccurs="1" maxOccurs="1"/></code>
--------	--

Element `cdml-tv:TradeElementsGroup / cdml-tv:clearingService`

Namespace	urn:cdml:schema:position:tradeValuation						
Diagram							
Type	cdml:ClearingServiceType						
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						
Facets	<table> <tr><td>minLength</td><td>1</td></tr> <tr><td>maxLength</td><td>32</td></tr> </table>	minLength	1	maxLength	32		
minLength	1						
maxLength	32						
Source	<code><element name="clearingService" type="cdml:ClearingServiceType" minOccurs="1" maxOccurs="1"/></code>						

Element `cdml-tv:TradeElementsGroup / cdml-tv:memberId`

Namespace	urn:cdml:schema:position:tradeValuation						
Diagram							
Type	cdml:MemberIdType						
Type hierarchy	- token - cdml:AlphanumericIdType - cdml:MemberIdType						
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						
Facets	<table> <tr><td>minLength</td><td>1</td></tr> <tr><td>maxLength</td><td>256</td></tr> </table>	minLength	1	maxLength	256		
minLength	1						
maxLength	256						
Source	<code><element name="memberId" type="cdml:MemberIdType" minOccurs="1" maxOccurs="1"/></code>						

Element `cdml-tv:TradeElementsGroup / cdml-tv:positionAccountId`

Namespace	urn:cdml:schema:position:tradeValuation						
Diagram							
Type	cdml:AccountIdType						
Type hierarchy	- token - cdml:AlphanumericIdType - cdml:AccountIdType						
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						
Facets	<table> <tr><td>minLength</td><td>1</td></tr> <tr><td>maxLength</td><td>64</td></tr> </table>	minLength	1	maxLength	64		
minLength	1						
maxLength	64						

Source	<code><element name="positionAccountId" type="cdml:AccountIdType" minOccurs="1" maxOccurs="1"/></code>
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Element `cdml-tv:TradeElementsGroup / cdml-tv:segregationType`

Namespace	urn:cdml:schema:position:tradeValuation						
Annotations	The use of SegregationTypeType is deprecated, and may be removed from future versions						
Diagram	The use of SegregationTypeType is deprecated, and may be removed from future versions The use of SegregationTypeType is deprecated. Future versions of the CDML specification may remove this datatype....						
Type	cdml:SegregationTypeType						
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						
Facets	<table> <tr><td>enumeration</td><td>CLIENT</td></tr> <tr><td>enumeration</td><td>HOUSE</td></tr> </table>	enumeration	CLIENT	enumeration	HOUSE		
enumeration	CLIENT						
enumeration	HOUSE						
Source	<pre> <element name="segregationType" type="cdml:SegregationTypeType" minOccurs="0" maxOccurs="1"> <annotation> <documentation>The use of SegregationTypeType is deprecated, and may be removed from future versions</documentation> </annotation> </element> </pre>						

Element `cdml-tv:TradeElementsGroup / cdml-tv:segregationAccount`

Namespace	urn:cdml:schema:position:tradeValuation						
Diagram							
Type	cdml:SegregationAccountType						
Type hierarchy	- token - cdml:AlphanumericIdType - cdml:SegregationAccountType						
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						
Facets	<table> <tr><td>minLength</td><td>1</td></tr> <tr><td>maxLength</td><td>64</td></tr> </table>	minLength	1	maxLength	64		
minLength	1						
maxLength	64						
Source	<code><element name="segregationAccount" type="cdml:SegregationAccountType" minOccurs="1" maxOccurs="1"/></code>						

Element `cdml-tv:TradeElementsGroup / cdml-tv:tradeCashFlowData`

Namespace	urn:cdml:schema:position:tradeValuation						
Diagram	Aggregation of passthrough flows						
Type	cdml-tv:FlowGroupType						
Properties	<table> <tr><td>content:</td><td>complex</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	cdml-tv:flow*						

Children	cdml-tv:flow
Instance	<pre><cdml-tv:tradeCashFlowData xmlns:cdml-tv="urn:cdml:schema:position:tradeValuation"> <cdml-tv:flow amount="" settleCcy="" settleDate="" type="">{0,unbounded}</cdml-tv:flow> </cdml-tv:tradeCashFlowData></pre>
Source	<pre><element name="tradeCashFlowData" type="cdml-tv:FlowGroupType" minOccurs="0" maxOccurs="1"/></pre>

Element cdml-tv:TradeElementsGroup / cdml-tv:tradeValuationData

Namespace	urn:cdml:schema:position:tradeValuation						
Diagram							
Type	cdml-tv:ValuationGroupType						
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	cdml-tv:valuation*						
Children	cdml-tv:valuation						
Instance	<pre><cdml-tv:tradeValuationData xmlns:cdml-tv="urn:cdml:schema:position:tradeValuation"> <cdml-tv:valuation amount="" settleCcy="" type="">{0,unbounded}</cdml-tv:valuation> </cdml-tv:tradeValuationData></pre>						
Source	<pre><element name="tradeValuationData" type="cdml-tv:ValuationGroupType" minOccurs="0" maxOccurs="1"/></pre>						

Element cdml-tv:TradeValuationReportType / cdml-tv:trade

Namespace	urn:cdml:schema:position:tradeValuation		
Diagram			
Type	cdml-tv:TradeType		
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> </table>	content:	complex
content:	complex		

	minOccurs: 0 maxOccurs: unbounded
Model	ALL(cdml-tv:clearedTradeId cdml-tv:CCP cdml-tv:clearingService cdml-tv:memberId cdml-tv:positionAccountId cdml-tv:segregationType{0,1} cdml-tv:segregationAccount cdml-tv:tradeCashFlowData{0,1} cdml-tv:tradeValuationData{0,1})
Children	cdml-tv:CCP, cdml-tv:clearedTradeId, cdml-tv:clearingService, cdml-tv:memberId, cdml-tv:positionAccountId, cdml-tv:segregationAccount, cdml-tv:segregationType, cdml-tv:tradeCashFlowData, cdml-tv:tradeValuationData
Instance	<pre><cdml-tv:trade xmlns:cdml-tv="urn:cdml:schema:position:tradeValuation"> <cdml-tv:clearedTradeId>{1,1}</cdml-tv:clearedTradeId> <cdml-tv:CCP>{1,1}</cdml-tv:CCP> <cdml-tv:clearingService>{1,1}</cdml-tv:clearingService> <cdml-tv:memberId>{1,1}</cdml-tv:memberId> <cdml-tv:positionAccountId>{1,1}</cdml-tv:positionAccountId> <cdml-tv:segregationType>{0,1}</cdml-tv:segregationType> <cdml-tv:segregationAccount>{1,1}</cdml-tv:segregationAccount> <cdml-tv:tradeCashFlowData>{0,1}</cdml-tv:tradeCashFlowData> <cdml-tv:tradeValuationData>{0,1}</cdml-tv:tradeValuationData> </cdml-tv:trade></pre>
Source	<code><element name="trade" type="cdml-tv:TradeType" minOccurs="0" maxOccurs="unbounded"/></code>

Element cdml-tv:tradeValuationReport

Namespace	urn:cdml:schema:position:tradeValuation
Annotations	Root element for the CDML Trade Valuation Report
Diagram	The diagram illustrates the structure of the <code>cdml-tv:TradeValuationReportType</code>. It is an extension of the <code>cdml:CDMLReportType</code> (extension base). The diagram shows the following components: Attributes: <code>modelVersion</code>: Report specification version number <code>version</code>: Report content version number <code>generationDateTime</code>: Report generation timestamp Elements: <code>reportDate</code>: Business date on which the report data is valid <code>intraday</code>: Indicates if the data in this report has been generated intraday. The lack of this flag should be interpreted as it... <code>trade</code>: 0..* occurrences of <code>cdml-tv:TradeType</code> Base type for all CDML reports The <code>tradeValuationReport</code> is identified as the root element for the CDML Trade Valuation Report.
Type	cdml-tv:TradeValuationReportType
Type hierarchy	- cdml:CDMLReportType - cdml-tv:TradeValuationReportType
Properties	content: complex
Model	cdml:reportDate, cdml:intraday{0,1}, cdml-tv:trade*
Children	cdml-tv:trade, cdml:intraday, cdml:reportDate
Instance	<pre><cdml-tv:tradeValuationReport generationDateTime="" modelVersion="" version="" xmlns:cdml-tv="urn:cdml:schema:position:tradeValuation" xmlns:cdml="urn:cdml:schema:common:types"> <cdml:reportDate>{1,1}</cdml:reportDate> <cdml:intraday>{0,1}</cdml:intraday> <cdml-tv:trade>{0,unbounded}</cdml-tv:trade> </cdml-tv:tradeValuationReport></pre>

Attributes	QName	Type	Use	
	generationDateTime	cdml:ReportGenerationDateTimeType	optional	
		Report generation timestamp		
	modelVersion	cdml:ReportModelVersionType	required	
		Report specification version number		
	version	cdml:ReportVersionType	optional	
		Report content version number		
Source	<pre><element name="tradeValuationReport" type="cdml-tv:TradeValuationReportType"> <annotation> <documentation>Root element for the CDML Trade Valuation Report</documentation> </annotation> </element></pre>			

Complex Type(s)

Complex Type cdml-tv:FlowType

Namespace	urn:cdml:schema:position:tradeValuation			
Annotations	Single passthrough flow, currency specific. A flow represents a portion of the actual daily or intraday settlement, grouped by type and currency			
Diagram	The diagram illustrates the structure of the FlowType complex type. It is an extension of cdml:TypedAmountType. The diagram shows the inheritance hierarchy: FlowType (Base Type: cdml:TypedAmountType) extends cdml:AttributableType (extension base), which extends cdml:TypedAmountType (extension base). FlowType has attributes: type (cdml:AmountType), amount (cdml:AmountType), settleCcy (cdml:CurrencyType), and settleDate (date). Annotations explain the attributes and the convenience pairing of amount and amount type.			
Type	extension of cdml:TypedAmountType			
Type hierarchy	- cdml:AttributableType - cdml:TypedAmountType - cdml-tv:FlowType			
Used by	Element	cdml-tv:FlowGroupType/cdml-tv:flow		
Model	cdml:attrs{0,1}			
Children	cdml:attrs			
Attributes	QName	Type	Use	
	amount	cdml:AmountType	required	
	settleCcy	cdml:CurrencyType	required	
	settleDate	date	optional	
		A hint to override business conventions when generating a settle date for the given flow. Producers of CDML will normally delegate on consumers to		

	QName	Type	Use	
		generate a settle date, based on the economic characteristics of the flow use this attribute to signal the date is already chosen. Setting the settleDate signals them to ignore other economic characteristics, and use it as provided		
	type	cdml:AmountType	required	
Source	<pre> <complexType name="FlowType"> <annotation> <documentation>Single passthrough flow, currency specific. A flow represents a portion of the actual daily or intraday settlement, grouped by type and currency</documentation> </annotation> <complexContent> <extension base="cdml:TypedAmountType"> <attribute name="settleCcy" type="cdml:CurrencyType" use="required"/> <attribute name="settleDate" type="date" use="optional"> <annotation> <documentation>A hint to override business conventions when generating a settle date for the given flow. Producers of CDML will normally delegate on consumers to generate a settle date, based on the economic characteristics of the flow use this attribute to signal the date is already chosen. Setting the settleDate signals them to ignore other economic characteristics, and use it as provided</documentation> </annotation> </attribute> </extension> </complexContent> </complexType> </pre>			

Complex Type cdml-tv:ValuationType

Namespace	urn:cdml:schema:position:tradeValuation			
Annotations	Single valuation element, currency specific. It encodes information needed to value a trade, grouped by type and currency. It differs from the flow in that valuation elements are not intended to generate actual payments, but just represent a pricing component			
Diagram	ValuationType Base Type cdml:TypedAmountType Single valuation element, currency specific. It encodes information needed to value a trade, grouped by type and... cdml:TypedAmountType (extension base) cdml:AttributableType (extension base) attrs Extending types can store an arbitrary number of key-value attributes Attributes type amount Convenience pairing of an amount and an amount type, and an arbitrary collection of optional attributes Attributes settleCcy Type cdml:CurrencyType			
Type	extension of cdml:TypedAmountType			
Type hierarchy	- cdml:AttributableType - cdml:TypedAmountType - cdml-tv:ValuationType			
Used by	Element	cdml-tv:ValuationGroupType/cdml-tv:valuation		
Model	cdml:attrs{0,1}			
Children	cdml:attrs			
Attributes	QName	Type	Use	
	amount	cdml:AmountType	required	
	settleCcy	cdml:CurrencyType	required	

	QName	Type	Use	
	type	cdml:AmountTypeType	required	
Source	<pre> <complexType name="ValuationType"> <annotation> <documentation>Single valuation element, currency specific. It encodes information needed to value a trade, grouped by type and currency. It differs from the flow in that valuation elements are not intended to generate actual payments, but just represent a pricing component</documentation> </annotation> <complexContent> <extension base="cdml:TypedAmountType"> <attribute name="settleCcy" type="cdml:CurrencyType" use="required"/> </extension> </complexContent> </complexType> </pre>			

Complex Type cdml-tv:FlowGroupType

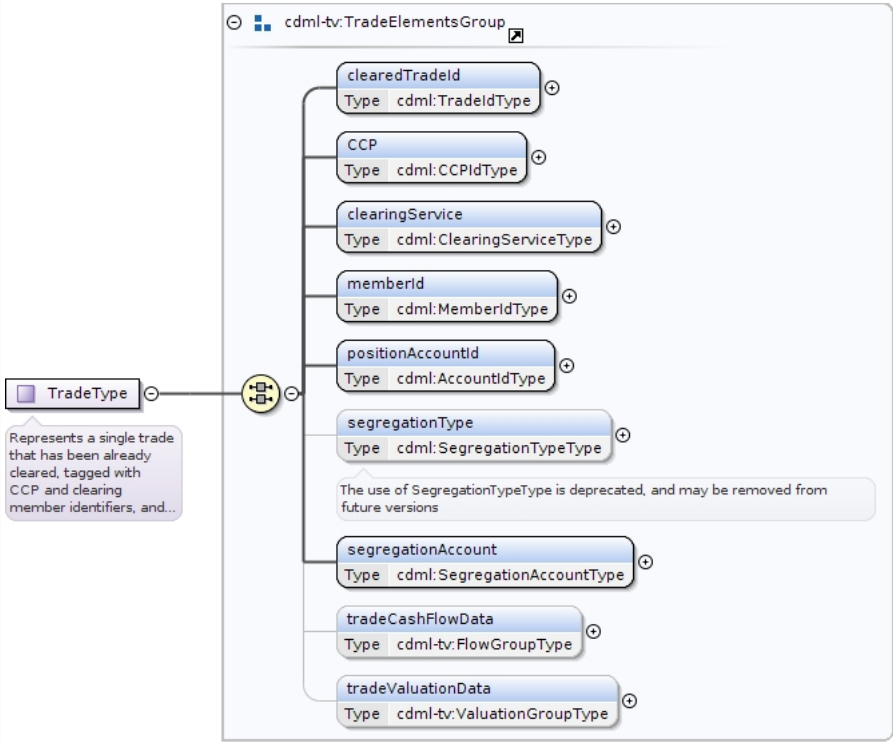
Namespace	urn:cdml:schema:position:tradeValuation
Annotations	Aggregation of passthrough flows
Diagram	
Used by	Element cdml-tv:TradeElementsGroup/cdml-tv:tradeCashFlowData
Model	cdml-tv:flow*
Children	cdml-tv:flow
Source	<pre> <complexType name="FlowGroupType"> <annotation> <documentation>Aggregation of passthrough flows</documentation> </annotation> <sequence> <element name="flow" type="cdml-tv:FlowType" minOccurs="0" maxOccurs="unbounded"/> </sequence> </complexType> </pre>

Complex Type cdml-tv:ValuationGroupType

Namespace	urn:cdml:schema:position:tradeValuation
Annotations	Aggregation of valuation elements
Diagram	
Used by	Element cdml-tv:TradeElementsGroup/cdml-tv:tradeValuationData
Model	cdml-tv:valuation*
Children	cdml-tv:valuation
Source	<pre> <complexType name="ValuationGroupType"> <annotation> <documentation>Aggregation of valuation elements</documentation> </annotation> <sequence> <element name="valuation" type="cdml-tv:ValuationType" minOccurs="0" maxOccurs="unbounded"/> </sequence> </complexType> </pre>

Complex Type cdml-tv:TradeType

Namespace	urn:cdml:schema:position:tradeValuation
Annotations	Represents a single trade that has been already cleared, tagged with CCP and clearing member identifiers, and information about payment flows and trade pricing

Diagram	
Used by	Element cdml-tv:TradeValuationReportType/cdml-tv:trade
Model	ALL(cdml-tv:clearedTradeId cdml-tv:CCP cdml-tv:clearingService cdml-tv:memberId cdml-tv:positionAccountId cdml-tv:segregationType{0,1} cdml-tv:segregationAccount cdml-tv:tradeCashFlowData{0,1} cdml-tv:tradeValuationData{0,1})
Children	cdml-tv:CCP, cdml-tv:clearedTradeId, cdml-tv:clearingService, cdml-tv:memberId, cdml-tv:positionAccountId, cdml-tv:segregationAccount, cdml-tv:segregationType, cdml-tv:tradeCashFlowData, cdml-tv:tradeValuationData
Source	<pre> <complexType name="TradeType"> <annotation> <documentation>Represents a single trade that has been already cleared, tagged with CCP and clearing member identifiers, and information about payment flows and trade pricing</documentation> </annotation> <group ref="cdml-tv:TradeElementsGroup"/> </complexType> </pre>

Complex Type cdml-tv:TradeValuationReportType

Namespace	urn:cdml:schema:position:tradeValuation
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Diagram	The diagram illustrates the structure of the <code>TradeValuationReportType</code> as an extension of the <code>cdml:CDMLReportType</code> base type. The base type is described as the "Base type for all CDML reports". The extension includes the following elements and attributes: Attributes: <code>modelVersion</code>: Report specification version number (optional). <code>version</code>: Report content version number (optional). <code>generationDateTime</code>: Report generation timestamp (optional). Elements: <code>reportDate</code>: Business date on which the report data is valid (optional). <code>intraday</code>: Indicates if the data in this report has been generated intraday. The lack of this flag should be interpreted as it... (optional). <code>trade</code>: A sequence of <code>cdml-tv:TradeType</code> elements, with a cardinality of <code>0..∞</code> (optional).																												
Type	extension of <code>cdml:CDMLReportType</code>																												
Type hierarchy	<code>cdml:CDMLReportType</code> <code>cdml-tv:TradeValuationReportType</code>																												
Used by	Element <code>cdml-tv:tradeValuationReport</code>																												
Model	<code>cdml:reportDate</code> , <code>cdml:intraday{0,1}</code> , <code>cdml-tv:trade*</code>																												
Children	<code>cdml-tv:trade</code> , <code>cdml:intraday</code> , <code>cdml:reportDate</code>																												
Attributes	<table><thead><tr><th>QName</th><th>Type</th><th>Use</th><th></th></tr></thead><tbody><tr><td>generationDateTime</td><td><code>cdml:ReportGenerationDateTimeType</code></td><td>optional</td><td></td></tr><tr><td></td><td colspan="3">Report generation timestamp</td></tr><tr><td>modelVersion</td><td><code>cdml:ReportModelVersionType</code></td><td>required</td><td></td></tr><tr><td></td><td colspan="3">Report specification version number</td></tr><tr><td>version</td><td><code>cdml:ReportVersionType</code></td><td>optional</td><td></td></tr><tr><td></td><td colspan="3">Report content version number</td></tr></tbody></table>	QName	Type	Use		generationDateTime	<code>cdml:ReportGenerationDateTimeType</code>	optional			Report generation timestamp			modelVersion	<code>cdml:ReportModelVersionType</code>	required			Report specification version number			version	<code>cdml:ReportVersionType</code>	optional			Report content version number		
QName	Type	Use																											
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	Report specification version number																												
version	<code>cdml:ReportVersionType</code>	optional																											
	Report content version number																												
Source	<pre><complexType name="TradeValuationReportType"> <complexContent> <extension base="cdml:CDMLReportType"> <sequence> <element name="trade" type="cdml-tv:TradeType" minOccurs="0" maxOccurs="unbounded"/> </sequence> </extension> </complexContent> </complexType></pre>																												

Element Group(s)

Element Group cdml - tv:TradeElementsGroup

Namespace	urn:cdml:schema:position:tradeValuation
-----------	---

Diagram	
Used by	Complex Type cdml-tv:TradeType
Model	ALL(cdml-tv:clearedTradeId cdml-tv:CCP cdml-tv:clearingService cdml-tv:memberId cdml-tv:positionAccountId cdml-tv:segregationType{0,1} cdml-tv:segregationAccount cdml-tv:tradeCashFlowData{0,1} cdml-tv:tradeValuationData{0,1})
Children	cdml-tv:CCP, cdml-tv:clearedTradeId, cdml-tv:clearingService, cdml-tv:memberId, cdml-tv:positionAccountId, cdml-tv:segregationAccount, cdml-tv:segregationType, cdml-tv:tradeCashFlowData, cdml-tv:tradeValuationData
Source	<pre> <group name="TradeElementsGroup"> <all> <element name="clearedTradeId" type="cdml:TradeIdType" minOccurs="1" maxOccurs="1"/> <element name="CCP" type="cdml:CCPIdType" minOccurs="1" maxOccurs="1"/> <element name="clearingService" type="cdml:ClearingServiceType" minOccurs="1" maxOccurs="1"/> <element name="memberId" type="cdml:MemberIdType" minOccurs="1" maxOccurs="1"/> <element name="positionAccountId" type="cdml:AccountIdType" minOccurs="1" maxOccurs="1"/> <element name="segregationType" type="cdml:SegregationTypeType" minOccurs="0" maxOccurs="1"> <annotation> <documentation>The use of SegregationTypeType is deprecated, and may be removed from future versions</documentation> </annotation> </element> <element name="segregationAccount" type="cdml:SegregationAccountType" minOccurs="1" maxOccurs="1"/> <element name="tradeCashFlowData" type="cdml-tv:FlowGroupType" minOccurs="0" maxOccurs="1"/> <element name="tradeValuationData" type="cdml-tv:ValuationGroupType" minOccurs="0" maxOccurs="1"/> </all> </group> </pre>

Namespace: "urn:cdml:schema:common:types"

Schema(s)

Imported schema CDML - datatypes - 003.xsd

Namespace	urn:cdml:schema:common:types
Annotations	Datatype definitions shared by all CDML document types. ##### CDML specification version history ##### v0 (000) : initial development version v1 (001) : initial release version v2 (002) : EMIR support changes - deprecated segregationType - added segregationAccount v3 (003) : added intraday flag

#####	
Properties	attribute form default: unqualified
	element form default: qualified
	version: 2

Element(s)

Element **cdml:AttributableType** / **cdml:attrs**

Namespace	urn:cdml:schema:common:types
Diagram	
Type	cdml:AttributeCollectionType
Properties	content: complex
	minOccurs: 0
	maxOccurs: 1
Model	cdml:attr*
Children	cdml:attr
Instance	<pre><cdml:attrs xmlns:cdml="urn:cdml:schema:common:types"> <cdml:attr key="" value="">{0,unbounded}</cdml:attr> </cdml:attrs></pre>
Source	<code><element name="attrs" type="cdml:AttributeCollectionType" maxOccurs="1" minOccurs="0"/></code>

Element **cdml:AttributeCollectionType** / **cdml:attr**

Namespace	urn:cdml:schema:common:types			
Diagram	<pre>classDiagram class cdml_AttributeType { Attributes } class Attributes { key value } class attr cdml_AttributeType --> Attributes Attributes --> key Attributes --> value attr --> Attributes</pre> Key-value pair that define a single attribute			
Type	cdml:AttributeType			
Properties	content:	complex		
	minOccurs:	0		
	maxOccurs:	unbounded		
Attributes	QName	Type	Use	
	key	string	required	
	value	string	optional	
Source	<code><element name="attr" type="cdml:AttributeType" maxOccurs="unbounded" minOccurs="0"/></code>			

Element **cdml:CDMLReportType** / **cdml:reportDate**

Namespace	urn:cdml:schema:common:types
Annotations	Business date on which the report data is valid
Diagram	

Type	cdml:ReportDateType
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Source	<pre><element name="reportDate" type="cdml:ReportDateType" minOccurs="1" maxOccurs="1"> <annotation> <documentation>Business date on which the report data is valid</documentation> </annotation> </element></pre>

Element cdml:CDMLReportType / cdml:intraday

Namespace	urn:cdml:schema:common:types
Annotations	Indicates if the data in this report has been generated intraday. The lack of this flag should be interpreted as it being false
Diagram	intraday Indicates if the data in this report has been generated intraday. The lack of this flag should be interpreted as it... boolean Built-in primitive type. It defines the boolean values true and false.
Type	boolean
Properties	content: simple
	minOccurs: 0
	maxOccurs: 1
	default: false
Source	<pre><element name="intraday" type="boolean" minOccurs="0" maxOccurs="1" default="false"> <annotation> <documentation>Indicates if the data in this report has been generated intraday. The lack of this flag should be interpreted as it being false</documentation> </annotation> </element></pre>

Complex Type(s)

Complex Type cdml:TypedAmountType

Namespace	urn:cdml:schema:common:types			
Annotations	Convenience pairing of an amount and an amount type, and an arbitrary collection of optional attributes			
Diagram	The diagram illustrates the relationship between <code>TypedAmountType</code> and <code>cdml:AttributableType</code>. <code>TypedAmountType</code> is an extension of <code>cdml:AttributableType</code>. A callout for <code>TypedAmountType</code> states: "Convenience pairing of an amount and an amount type, and an arbitrary collection of optional attributes". The <code>cdml:AttributableType</code> class has an attribute <code>attrs</code>. A callout for <code>attrs</code> states: "Extending types can store an arbitrary number of key-value attributes". An expanded view of the <code>attrs</code> attribute shows it contains two sub-attributes: <code>type</code> and <code>amount</code>.			
Type	extension of <code>cdml:AttributableType</code>			
Type hierarchy	• <code>cdml:AttributableType</code> • <code>cdml:TypedAmountType</code>			
Used by	Complex Types	<code>cdml-tv:FlowType</code> , <code>cdml-tv:ValuationType</code>		
Model	<code>cdml:attrs{0,1}</code>			
Children	<code>cdml:attrs</code>			
Attributes	QName	Type	Use	
	amount	<code>cdml:AmountType</code>	required	

	QName	Type	Use	
	type	cdml:AmountTypeType	required	
Source	<pre><complexType name="TypedAmountType"> <annotation> <documentation>Convenience pairing of an amount and an amount type, and an arbitrary collection of optional attributes</documentation> </annotation> <complexContent> <extension base="cdml:AttributableType"> <attribute name="type" type="cdml:AmountTypeType" use="required"/> <attribute name="amount" type="cdml:AmountType" use="required"/> </extension> </complexContent> </complexType></pre>			

Complex Type cdml:AttributableType

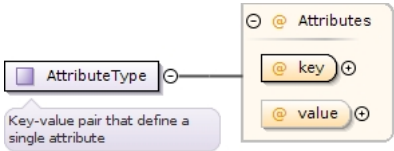
Namespace	urn:cdml:schema:common:types		
Annotations	Extending types can store an arbitrary number of key-value attributes		
Diagram	<pre>graph LR; A[AttributableType] --- B((+)); B --- C[attrs];</pre>		
Used by	Complex Type	cdml:TypedAmountType	
Model	cdml:attrs{0,1}		
Children	cdml:attrs		
Source	<pre><complexType name="AttributableType"> <annotation> <documentation>Extending types can store an arbitrary number of key-value attributes</documentation> </annotation> <sequence> <element name="attrs" type="cdml:AttributeCollectionType" maxOccurs="1" minOccurs="0"/> </sequence> </complexType></pre>		

Complex Type cdml:AttributeCollectionType

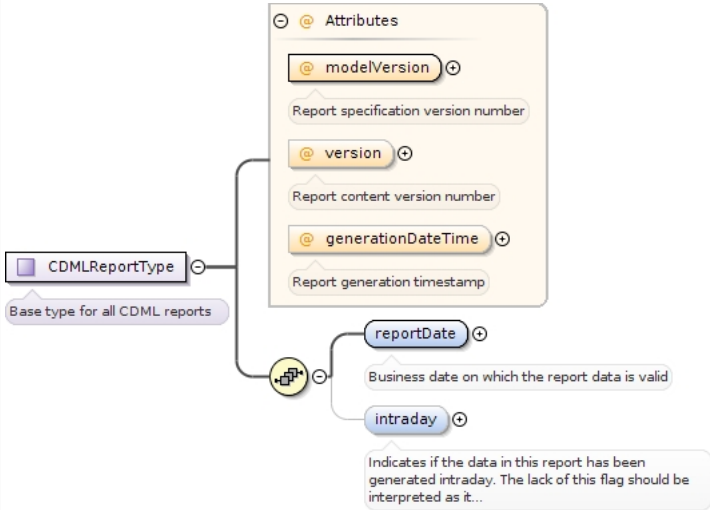
Namespace	urn:cdml:schema:common:types
Annotations	Collection of key-value attributes. Order is not relevant, and keys can be repeated: it's up to producers/consumers of the format to decide if multi valued attributes are allowed, or validation failure should happen
Diagram	<pre>graph LR A[AttributeCollectionType] --- B((+)) B --- C["0..∞ attr"]</pre>
Used by	Element cdml:AttributableType/cdml:attrs
Model	cdml:attr*
Children	cdml:attr
Source	<pre><complexType name="AttributeCollectionType"> <annotation> <documentation>Collection of key-value attributes. Order is not relevant, and keys can be repeated: it's up to producers/consumers of the format to decide if multi valued attributes are allowed, or validation failure should happen</documentation> </annotation> <sequence> <element name="attr" type="cdml:AttributeType" maxOccurs="unbounded" minOccurs="0"/> </sequence> </complexType></pre>

Complex Type cdml:AttributeType

Namespace	urn:cdml:schema:common:types			
Annotations	Key-value pair that define a single attribute			

Diagram				
Used by	Element	cdml:AttributeCollectionType/cdml:attr		
Attributes	QName	Type	Use	
	key	string	required	
	value	string	optional	
Source	<pre> <complexType name="AttributeType"> <annotation> <documentation>Key-value pair that define a single attribute</documentation> </annotation> <attribute name="key" type="string" use="required"/> <attribute name="value" type="string"/> </complexType> </pre>			

Complex Type cdml:CDMLReportType

Namespace	urn:cdml:schema:common:types																															
Annotations	Base type for all CDML reports																															
Diagram																																
Used by	Complex Type	cdml-tv:TradeValuationReportType																														
Model	cdml:reportDate , cdml:intraday{0,1}																															
Children	cdml:intraday, cdml:reportDate																															
Attributes	<table><thead><tr><th>QName</th><th>Type</th><th>Use</th><th></th></tr></thead><tbody><tr><td>generationDateTime</td><td>cdml:ReportGenerationDateTimeType</td><td>required</td><td></td></tr><tr><td></td><td colspan="3">Report generation timestamp</td></tr><tr><td>modelVersion</td><td>cdml:ReportModelVersionType</td><td>required</td><td></td></tr><tr><td></td><td colspan="3">Report specification version number</td></tr><tr><td>version</td><td>cdml:ReportVersionType</td><td>optional</td><td></td></tr><tr><td></td><td colspan="3">Report content version number</td></tr></tbody></table>	QName	Type	Use		generationDateTime	cdml:ReportGenerationDateTimeType	required			Report generation timestamp			modelVersion	cdml:ReportModelVersionType	required			Report specification version number			version	cdml:ReportVersionType	optional			Report content version number					
QName	Type	Use																														
generationDateTime	cdml:ReportGenerationDateTimeType	required																														
	Report generation timestamp																															
modelVersion	cdml:ReportModelVersionType	required																														
	Report specification version number																															
version	cdml:ReportVersionType	optional																														
	Report content version number																															
Source	<pre><complexType name="CDMLReportType"> <annotation> <documentation>Base type for all CDML reports</documentation> </annotation> <sequence> <element name="reportDate" type="cdml:ReportDateType" minOccurs="1" maxOccurs="1"> <annotation> <documentation>Business date on which the report data is valid</documentation> </annotation> </element> <element name="intraday" type="boolean" minOccurs="0" maxOccurs="1" default="false"> <annotation></pre>																															

```

<documentation>Indicates if the data in this report has been generated intraday. The lack of
this flag should be interpreted as it being false</documentation>
</annotation>
</element>
</sequence>
<attribute name="modelVersion" type="cdml:ReportModelVersionType" use="required">
  <annotation>
    <documentation>Report specification version number</documentation>
  </annotation>
</attribute>
<attribute name="version" type="cdml:ReportVersionType" use="optional">
  <annotation>
    <documentation>Report content version number</documentation>
  </annotation>
</attribute>
<attribute name="generationDateTime" type="cdml:ReportGenerationDateTimeType" use="optional">
  <annotation>
    <documentation>Report generation timestamp</documentation>
  </annotation>
</attribute>
</complexType>

```

Simple Type(s)

Simple Type cdml:AmountTypeType

Namespace	urn:cdml:schema:common:types				
Annotations	Identifier for given monetary amount				
Diagram					
Type	restriction of cdml:AlphanumericIdType				
Type hierarchy	- token - cdml:AlphanumericIdType - cdml:AmountTypeType				
Facets	<table> <tr> <td>minLength</td><td>1</td></tr> <tr> <td>maxLength</td><td>128</td></tr> </table>	minLength	1	maxLength	128
minLength	1				
maxLength	128				
Used by	Attribute cdml:TypedAmountType/@type				
Source	<pre> <simpleType name="AmountTypeType"> <annotation> <documentation>Identifier for given monetary amount</documentation> </annotation> <restriction base="cdml:AlphanumericIdType"> <minLength value="1"/> <maxLength value="128"/> </restriction> </simpleType> </pre>				

Simple Type cdml:AlphanumericIdType

Namespace	urn:cdml:schema:common:types
Annotations	Non empty identifier
Diagram	
Type	token
Used by	Simple Types cdml:AccountIdType, cdml:AmountTypeType, cdml:CCPIIdType, cdml:MemberIdType, cdml:SegregationAccountType, cdml:TradeIdType
Source	<pre> <simpleType name="AlphanumericIdType"> <annotation> <documentation>Non empty identifier</documentation> </annotation> <restriction base="token"/> </simpleType> </pre>

Simple Type cdml:AmountType

Namespace	urn:cdml:schema:common:types
Annotations	A monetary amount
Diagram	
Type	double
Used by	Attribute cdml:TypedAmountType/@amount
Source	<pre><simpleType name="AmountType"> <annotation> <documentation>A monetary amount</documentation> </annotation> <restriction base="double"/> </simpleType></pre>

Simple Type cdml:CurrencyType

Namespace	urn:cdml:schema:common:types																																																								
Annotations	ISO 4217 currency code																																																								
Diagram																																																									
Type	restriction of string																																																								
Facets	<table> <tr><td>enumeration</td><td>AED</td></tr> <tr><td>enumeration</td><td>AFN</td></tr> <tr><td>enumeration</td><td>ALL</td></tr> <tr><td>enumeration</td><td>AMD</td></tr> <tr><td>enumeration</td><td>ANG</td></tr> <tr><td>enumeration</td><td>AOA</td></tr> <tr><td>enumeration</td><td>ARS</td></tr> <tr><td>enumeration</td><td>AUD</td></tr> <tr><td>enumeration</td><td>AWG</td></tr> <tr><td>enumeration</td><td>AZN</td></tr> <tr><td>enumeration</td><td>BAM</td></tr> <tr><td>enumeration</td><td>BBD</td></tr> <tr><td>enumeration</td><td>BDT</td></tr> <tr><td>enumeration</td><td>BGN</td></tr> <tr><td>enumeration</td><td>BHD</td></tr> <tr><td>enumeration</td><td>BIF</td></tr> <tr><td>enumeration</td><td>BMD</td></tr> <tr><td>enumeration</td><td>BND</td></tr> <tr><td>enumeration</td><td>BOB</td></tr> <tr><td>enumeration</td><td>BOV</td></tr> <tr><td>enumeration</td><td>BRL</td></tr> <tr><td>enumeration</td><td>BSD</td></tr> <tr><td>enumeration</td><td>BTN</td></tr> <tr><td>enumeration</td><td>BWP</td></tr> <tr><td>enumeration</td><td>BYR</td></tr> <tr><td>enumeration</td><td>BZD</td></tr> <tr><td>enumeration</td><td>CAD</td></tr> <tr><td>enumeration</td><td>CDF</td></tr> </table>	enumeration	AED	enumeration	AFN	enumeration	ALL	enumeration	AMD	enumeration	ANG	enumeration	AOA	enumeration	ARS	enumeration	AUD	enumeration	AWG	enumeration	AZN	enumeration	BAM	enumeration	BBD	enumeration	BDT	enumeration	BGN	enumeration	BHD	enumeration	BIF	enumeration	BMD	enumeration	BND	enumeration	BOB	enumeration	BOV	enumeration	BRL	enumeration	BSD	enumeration	BTN	enumeration	BWP	enumeration	BYR	enumeration	BZD	enumeration	CAD	enumeration	CDF
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enumeration	DZD
enumeration	EGP
enumeration	ERN
enumeration	ETB
enumeration	EUR
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enumeration	GBP
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enumeration	XBD
enumeration	XCD
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enumeration	XFU
enumeration	XOF
enumeration	XPD
enumeration	XPF
enumeration	XPT
enumeration	XTS
enumeration	XXX

	enumeration	YER
	enumeration	ZAR
	enumeration	ZMW
Used by	Attributes	cdml-tv:FlowType/@settleCcy, cdml-tv:ValuationType/@settleCcy
Source	<pre> <simpleType name="CurrencyType"> <annotation> <documentation>ISO 4217 currency code</documentation> </annotation> <restriction base="string"> <enumeration value="AED"/> <enumeration value="AFN"/> <enumeration value="ALL"/> <enumeration value="AMD"/> <enumeration value="ANG"/> <enumeration value="AOA"/> <enumeration value="ARS"/> <enumeration value="AUD"/> <enumeration value="AWG"/> <enumeration value="AZN"/> <enumeration value="BAM"/> <enumeration value="BBD"/> <enumeration value="BDT"/> <enumeration value="BGN"/> <enumeration value="BHD"/> <enumeration value="BIF"/> <enumeration value="BMD"/> <enumeration value="BND"/> <enumeration value="BOB"/> <enumeration value="BOV"/> <enumeration value="BRL"/> <enumeration value="BSD"/> <enumeration value="BTN"/> <enumeration value="BWP"/> <enumeration value="BYR"/> <enumeration value="BZD"/> <enumeration value="CAD"/> <enumeration value="CDF"/> <enumeration value="CHE"/> <enumeration value="CHF"/> <enumeration value="CHW"/> <enumeration value="CLF"/> <enumeration value="CLP"/> <enumeration value="CNY"/> <enumeration value="COP"/> <enumeration value="COU"/> <enumeration value="CRC"/> <enumeration value="CUC"/> <enumeration value="CUP"/> <enumeration value="CVE"/> <enumeration value="CZK"/> <enumeration value="DJF"/> <enumeration value="DKK"/> <enumeration value="DOP"/> <enumeration value="DZD"/> <enumeration value="EGP"/> <enumeration value="ERN"/> <enumeration value="ETB"/> <enumeration value="EUR"/> <enumeration value="FJD"/> <enumeration value="FKP"/> <enumeration value="GBP"/> <enumeration value="GEL"/> <enumeration value="GHS"/> <enumeration value="GIP"/> <enumeration value="GMD"/> <enumeration value="GNF"/> <enumeration value="GTQ"/> <enumeration value="GYD"/> <enumeration value="HKD"/> <enumeration value="HNL"/> <enumeration value="HRK"/> <enumeration value="HTG"/> <enumeration value="HUF"/> <enumeration value="IDR"/> <enumeration value="ILS"/> <enumeration value="INR"/> <enumeration value="IQD"/> <enumeration value="IRR"/> <enumeration value="ISK"/> </pre>	

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<enumeration value="SBD"/>
<enumeration value="SCR"/>
<enumeration value="SDG"/>
<enumeration value="SEK"/>
<enumeration value="SGD"/>
<enumeration value="SHP"/>
<enumeration value="SLL"/>
<enumeration value="SOS"/>
<enumeration value="SRD"/>
<enumeration value="SSP"/>
<enumeration value="STD"/>
<enumeration value="SYP"/>
<enumeration value="SZL"/>
<enumeration value="THB"/>
<enumeration value="TJS"/>
<enumeration value="TMT"/>
<enumeration value="TND"/>
<enumeration value="TOP"/>
<enumeration value="TRY"/>
<enumeration value="TTD"/>
<enumeration value="TWD"/>
<enumeration value="TZS"/>
<enumeration value="UAH"/>
<enumeration value="UGX"/>
<enumeration value="USD"/>
<enumeration value="USN"/>
<enumeration value="USS"/>
<enumeration value="UYI"/>

```

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<enumeration value="UYU"/>
<enumeration value="UZS"/>
<enumeration value="VEF"/>
<enumeration value="VND"/>
<enumeration value="VUV"/>
<enumeration value="WST"/>
<enumeration value="XAF"/>
<enumeration value="XAG"/>
<enumeration value="XAU"/>
<enumeration value="XBA"/>
<enumeration value="XBB"/>
<enumeration value="XBC"/>
<enumeration value="XBD"/>
<enumeration value="XCD"/>
<enumeration value="XDR"/>
<enumeration value="XFU"/>
<enumeration value="XOF"/>
<enumeration value="XPD"/>
<enumeration value="XPF"/>
<enumeration value="XPT"/>
<enumeration value="XTS"/>
<enumeration value="XXX"/>
<enumeration value="YER"/>
<enumeration value="ZAR"/>
<enumeration value="ZMW"/>
</restriction>
</simpleType>

```

Simple Type cdml:TradeIdType

Namespace	urn:cdml:schema:common:types				
Annotations	Arbitrary trade identifier				
Diagram					
Type	restriction of cdml:AlphanumericIdType				
Type hierarchy	- token - cdml:AlphanumericIdType - cdml:TradeIdType				
Facets	<table> <tr> <td>minLength</td><td>1</td></tr> <tr> <td>maxLength</td><td>256</td></tr> </table>	minLength	1	maxLength	256
minLength	1				
maxLength	256				
Used by	Element cdml-tv:TradeElementsGroup/cdml-tv:clearedTradeId				
Source	<pre> <simpleType name="TradeIdType"> <annotation> <documentation>Arbitrary trade identifier</documentation> </annotation> <restriction base="cdml:AlphanumericIdType"> <minLength value="1"/> <maxLength value="256"/> </restriction> </simpleType> </pre>				

Simple Type cdml:CCPIdType

Namespace	urn:cdml:schema:common:types		
Annotations	CCP Identifier		
Diagram			
Type	restriction of cdml:AlphanumericIdType		
Type hierarchy	- token - cdml:AlphanumericIdType - cdml:CCPIdType		
Facets	<table> <tr> <td>minLength</td><td>1</td></tr> </table>	minLength	1
minLength	1		

	maxLength	64
Used by	Element	cdml-tv:TradeElementsGroup/cdml-tv:CCP
Source	<pre><simpleType name="CCPIdType"> <annotation> <documentation>CCP Identifier</documentation> </annotation> <restriction base="cdml:AlphanumericIdType"> <minLength value="1"/> <maxLength value="64"/> </restriction> </simpleType></pre>	

Simple Type cdml:ClearingServiceType

Namespace	urn:cdml:schema:common:types	
Annotations	Arbitrary identifier for a product or group of products, as reported by the CCP. It usually represents the group of elements that can be margined together, although the interpretation is flexible	
Diagram		
Type	restriction of string	
Facets	minLength	1
	maxLength	32
Used by	Element	cdml-tv:TradeElementsGroup/cdml-tv:clearingService
Source	<pre><simpleType name="ClearingServiceType"> <annotation> <documentation>Arbitrary identifier for a product or group of products, as reported by the CCP. It usually represents the group of elements that can be margined together, although the interpretation is flexible</documentation> </annotation> <restriction base="string"> <minLength value="1"/> <maxLength value="32"/> </restriction> </simpleType></pre>	

Simple Type cdml:MemberIdType

Namespace	urn:cdml:schema:common:types	
Annotations	Member identifier, as defined by the counterparty organization	
Diagram		
Type	restriction of cdml:AlphanumericIdType	
Type hierarchy	- token - cdml:AlphanumericIdType - cdml:MemberIdType	
Facets	minLength	1
	maxLength	256
Used by	Element	cdml-tv:TradeElementsGroup/cdml-tv:memberId
Source	<pre><simpleType name="MemberIdType"> <annotation> <documentation>Member identifier, as defined by the counterparty organization</documentation> </annotation> <restriction base="cdml:AlphanumericIdType"> <minLength value="1"/> <maxLength value="256"/> </restriction> </simpleType></pre>	

Simple Type cdml:AccountIdType

Namespace	urn:cdml:schema:common:types				
Annotations	Account Identifier				
Diagram					
Type	restriction of cdml:AlphanumericIdType				
Type hierarchy	- token - cdml:AlphanumericIdType - cdml:AccountIdType				
Facets	<table> <tr> <td>minLength</td><td>1</td></tr> <tr> <td>maxLength</td><td>64</td></tr> </table>	minLength	1	maxLength	64
minLength	1				
maxLength	64				
Used by	Element cdml-tv:TradeElementsGroup/cdml-tv:positionAccountId				
Source	<pre> <simpleType name="AccountIdType"> <annotation> <documentation>Account Identifier</documentation> </annotation> <restriction base="cdml:AlphanumericIdType"> <minLength value="1"/> <maxLength value="64"/> </restriction> </simpleType> </pre>				

Simple Type cdml:SegregationTypeType

Namespace	urn:cdml:schema:common:types				
Annotations	The use of SegregationTypeType is deprecated. Future versions of the CDML specification may remove this datatype. SegregationAccountType represents a superset of the values allowed by SegregationTypeType, although CDML consumers may interpret the former with a different set of rules.				
Diagram					
Type	restriction of string				
Facets	<table> <tr> <td>enumeration</td><td>CLIENT</td></tr> <tr> <td>enumeration</td><td>HOUSE</td></tr> </table>	enumeration	CLIENT	enumeration	HOUSE
enumeration	CLIENT				
enumeration	HOUSE				
Used by	Element cdml-tv:TradeElementsGroup/cdml-tv:segregationType				
Source	<pre> <simpleType name="SegregationTypeType"> <annotation> <documentation>The use of SegregationTypeType is deprecated. Future versions of the CDML specification may remove this datatype. SegregationAccountType represents a superset of the values allowed by SegregationTypeType, although CDML consumers may interpret the former with a different set of rules.</documentation> </annotation> <restriction base="string"> <enumeration value="CLIENT"/> <enumeration value="HOUSE"/> </restriction> </simpleType> </pre>				

Simple Type cdml:SegregationAccountType

Namespace	urn:cdml:schema:common:types
Diagram	
Type	restriction of cdml:AlphanumericIdType
Type hierarchy	token

	- cdml:AlphanumericIdType - cdml:SegregationAccountType
Facets	minLength 1
	maxLength 64
Used by	Element cdml-tv:TradeElementsGroup/cdml-tv:segregationAccount
Source	<pre><simpleType name="SegregationAccountType"> <restriction base="cdml:AlphanumericIdType"> <minLength value="1"/> <maxLength value="64"/> </restriction> </simpleType></pre>

Simple Type cdml:ReportDateType

Namespace	urn:cdml:schema:common:types
Diagram	Built-in primitive type. The date datatype represents a calendar date.
Type	date
Used by	Element cdml:CDMLReportType/cdml:reportDate
Source	<pre><simpleType name="ReportDateType"> <restriction base="date"/> </simpleType></pre>

Simple Type cdml:ReportModelVersionType

Namespace	urn:cdml:schema:common:types
Diagram	Built-in derived type. The short datatype is derived from int by setting the value of maxInclusive to be 32767 and...
Type	restriction of short
Facets	minInclusive 0
Used by	Attribute cdml:CDMLReportType/@modelVersion
Source	<pre><simpleType name="ReportModelVersionType"> <restriction base="short"> <minInclusive value="0"/> </restriction> </simpleType></pre>

Simple Type cdml:ReportVersionType

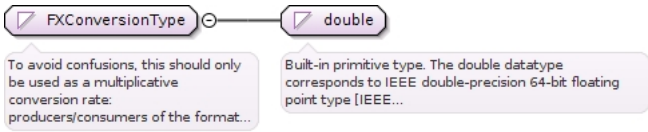
Namespace	urn:cdml:schema:common:types
Diagram	Built-in derived type. The int datatype is derived from long by setting the value of maxInclusive to be 2147483647 and...
Type	restriction of int
Facets	minInclusive 0
Used by	Attribute cdml:CDMLReportType/@version
Source	<pre><simpleType name="ReportVersionType"> <restriction base="int"> <minInclusive value="0"/> </restriction> </simpleType></pre>

Simple Type cdml:ReportGenerationDateTimeType

Namespace	urn:cdml:schema:common:types
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Diagram	
Type	dateTime
Used by	Attribute cdml:CDMLReportType/@generationDateTime
Source	<pre><simpleType name="ReportGenerationDateTimeType"> <restriction base="dateTime"/> </simpleType></pre>

Simple Type cdml:FXConversionType

Namespace	urn:cdml:schema:common:types
Annotations	To avoid confusions, this should only be used as a multiplicative conversion rate: producers/consumers of the format can later agree on conventions about currency order
Diagram	
Type	restriction of double
Facets	minExclusive 0.0
Source	<pre><simpleType name="FXConversionType"> <annotation> <documentation>To avoid confusions, this should only be used as a multiplicative conversion rate: producers/consumers of the format can later agree on conventions about currency order</ documentation> </annotation> <restriction base="double"> <minExclusive value="0.0"/> </restriction> </simpleType></pre>

Namespace: ""

Attribute(s)

Attribute cdml:AttributeType / @key

Namespace	No namespace
Type	string
Properties	use: required
Used by	Complex Type cdml:AttributeType
Source	<pre><attribute name="key" type="string" use="required"/></pre>

Attribute cdml:AttributeType / @value

Namespace	No namespace
Type	string
Properties	content: simple
Used by	Complex Type cdml:AttributeType
Source	<pre><attribute name="value" type="string"/></pre>

Attribute cdml:TypedAmountType / @type

Namespace	No namespace
Type	cdml:AmountTypeType
Type hierarchy	- token - cdml:AlphanumericIdType - cdml:AmountTypeType

Properties	use:	required
Facets	minLength	1
	maxLength	128
Used by	Complex Type	cdml:TypedAmountType
Source	<attribute name="type" type="cdml:AmountType" use="required"/>	

Attribute cdml:TypedAmountType / @amount

Namespace	No namespace	
Type	cdml:AmountType	
Properties	use:	required
Used by	Complex Type	cdml:TypedAmountType
Source	<attribute name="amount" type="cdml:AmountType" use="required"/>	

Attribute cdml-tv:FlowType / @settleCcy

Namespace	No namespace	
Type	cdml:CurrencyType	
Properties	use:	required
Facets	enumeration	AED
	enumeration	AFN
	enumeration	ALL
	enumeration	AMD
	enumeration	ANG
	enumeration	AOA
	enumeration	ARS
	enumeration	AUD
	enumeration	AWG
	enumeration	AZN
	enumeration	BAM
	enumeration	BBD
	enumeration	BDT
	enumeration	BGN
	enumeration	BHD
	enumeration	BIF
	enumeration	BMD
	enumeration	BND
	enumeration	BOB
	enumeration	BOV
	enumeration	BRL
	enumeration	BSD
	enumeration	BTN
	enumeration	BWP
	enumeration	BYR
	enumeration	BZD
	enumeration	CAD
	enumeration	CDF
	enumeration	CHE
	enumeration	CHF
	enumeration	CHW

enumeration	CLF
enumeration	CLP
enumeration	CNY
enumeration	COP
enumeration	COU
enumeration	CRC
enumeration	CUC
enumeration	CUP
enumeration	CVE
enumeration	CZK
enumeration	DJF
enumeration	DKK
enumeration	DOP
enumeration	DZD
enumeration	EGP
enumeration	ERN
enumeration	ETB
enumeration	EUR
enumeration	FJD
enumeration	FKP
enumeration	GBP
enumeration	GEL
enumeration	GHS
enumeration	GIP
enumeration	GMD
enumeration	GNF
enumeration	GTQ
enumeration	GYD
enumeration	HKD
enumeration	HNL
enumeration	HRK
enumeration	HTG
enumeration	HUF
enumeration	IDR
enumeration	ILS
enumeration	INR
enumeration	IQD
enumeration	IRR
enumeration	ISK
enumeration	JMD
enumeration	JOD
enumeration	JPY
enumeration	KES
enumeration	KGS
enumeration	KHR
enumeration	KMF
enumeration	KPW
enumeration	KRW
enumeration	KWD

enumeration	KYD
enumeration	KZT
enumeration	LAK
enumeration	LBP
enumeration	LKR
enumeration	LRD
enumeration	LSL
enumeration	LTL
enumeration	LVL
enumeration	LYD
enumeration	MAD
enumeration	MDL
enumeration	MGA
enumeration	MKD
enumeration	MMK
enumeration	MNT
enumeration	MOP
enumeration	MRO
enumeration	MUR
enumeration	MVR
enumeration	MWK
enumeration	MXN
enumeration	MXV
enumeration	MYR
enumeration	MZN
enumeration	NAD
enumeration	NGN
enumeration	NIO
enumeration	NOK
enumeration	NPR
enumeration	NZD
enumeration	OMR
enumeration	PAB
enumeration	PEN
enumeration	PGK
enumeration	PHP
enumeration	PKR
enumeration	PLN
enumeration	PYG
enumeration	QAR
enumeration	RON
enumeration	RSD
enumeration	RUB
enumeration	RWF
enumeration	SAR
enumeration	SBD
enumeration	SCR
enumeration	SDG
enumeration	SEK

enumeration	SGD
enumeration	SHP
enumeration	SLL
enumeration	SOS
enumeration	SRD
enumeration	SSP
enumeration	STD
enumeration	SYP
enumeration	SZL
enumeration	THB
enumeration	TJS
enumeration	TMT
enumeration	TND
enumeration	TOP
enumeration	TRY
enumeration	TTD
enumeration	TWD
enumeration	TZS
enumeration	UAH
enumeration	UGX
enumeration	USD
enumeration	USN
enumeration	USS
enumeration	UYI
enumeration	UYU
enumeration	UZS
enumeration	VEF
enumeration	VND
enumeration	VUV
enumeration	WST
enumeration	XAF
enumeration	XAG
enumeration	XAU
enumeration	XBA
enumeration	XBB
enumeration	XBC
enumeration	XBD
enumeration	XCD
enumeration	XDR
enumeration	XFU
enumeration	XOF
enumeration	XPB
enumeration	XPF
enumeration	XPT
enumeration	XTS
enumeration	XXX
enumeration	YER
enumeration	ZAR
enumeration	ZMW

Used by	Complex Type cdml-tv:FlowType
Source	<code><attribute name="settleCcy" type="cdml:CurrencyType" use="required"/></code>

Attribute cdml-tv:FlowType / @settleDate

Namespace	No namespace
Annotations	A hint to override business conventions when generating a settle date for the given flow. Producers of CDML will normally delegate on consumers to generate a settle date, based on the economic characteristics of the flow use this attribute to signal the date is already chosen. Setting the settleDate signals them to ignore other economic characteristics, and use it as provided
Type	date
Properties	use: optional
Used by	Complex Type cdml-tv:FlowType
Source	<code><attribute name="settleDate" type="date" use="optional"></code> <code> <annotation></code> <code> <documentation></code> A hint to override business conventions when generating a settle date for the given flow. Producers of CDML will normally delegate on consumers to generate a settle date, based on the economic characteristics of the flow use this attribute to signal the date is already chosen. Setting the settleDate signals them to ignore other economic characteristics, and use it as provided <code></documentation></code> <code> </annotation></code> <code></attribute></code>

Attribute cdml-tv:ValuationType / @settleCcy

Namespace	No namespace																																																				
Type	cdml:CurrencyType																																																				
Properties	use: required																																																				
Facets	<table> <tr><td>enumeration</td><td>AED</td></tr> <tr><td>enumeration</td><td>AFN</td></tr> <tr><td>enumeration</td><td>ALL</td></tr> <tr><td>enumeration</td><td>AMD</td></tr> <tr><td>enumeration</td><td>ANG</td></tr> <tr><td>enumeration</td><td>AOA</td></tr> <tr><td>enumeration</td><td>ARS</td></tr> <tr><td>enumeration</td><td>AUD</td></tr> <tr><td>enumeration</td><td>AWG</td></tr> <tr><td>enumeration</td><td>AZN</td></tr> <tr><td>enumeration</td><td>BAM</td></tr> <tr><td>enumeration</td><td>BBD</td></tr> <tr><td>enumeration</td><td>BDT</td></tr> <tr><td>enumeration</td><td>BGN</td></tr> <tr><td>enumeration</td><td>BHD</td></tr> <tr><td>enumeration</td><td>BIF</td></tr> <tr><td>enumeration</td><td>BMD</td></tr> <tr><td>enumeration</td><td>BND</td></tr> <tr><td>enumeration</td><td>BOB</td></tr> <tr><td>enumeration</td><td>BOV</td></tr> <tr><td>enumeration</td><td>BRL</td></tr> <tr><td>enumeration</td><td>BSD</td></tr> <tr><td>enumeration</td><td>BTN</td></tr> <tr><td>enumeration</td><td>BWP</td></tr> <tr><td>enumeration</td><td>BYR</td></tr> <tr><td>enumeration</td><td>BZD</td></tr> </table>	enumeration	AED	enumeration	AFN	enumeration	ALL	enumeration	AMD	enumeration	ANG	enumeration	AOA	enumeration	ARS	enumeration	AUD	enumeration	AWG	enumeration	AZN	enumeration	BAM	enumeration	BBD	enumeration	BDT	enumeration	BGN	enumeration	BHD	enumeration	BIF	enumeration	BMD	enumeration	BND	enumeration	BOB	enumeration	BOV	enumeration	BRL	enumeration	BSD	enumeration	BTN	enumeration	BWP	enumeration	BYR	enumeration	BZD
enumeration	AED																																																				
enumeration	AFN																																																				
enumeration	ALL																																																				
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enumeration	BGN																																																				
enumeration	BHD																																																				
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enumeration	CAD
enumeration	CDF
enumeration	CHE
enumeration	CHF
enumeration	CHW
enumeration	CLF
enumeration	CLP
enumeration	CNY
enumeration	COP
enumeration	COU
enumeration	CRC
enumeration	CUC
enumeration	CUP
enumeration	CVE
enumeration	CZK
enumeration	DJF
enumeration	DKK
enumeration	DOP
enumeration	DZD
enumeration	EGP
enumeration	ERN
enumeration	ETB
enumeration	EUR
enumeration	FJD
enumeration	FKP
enumeration	GBP
enumeration	GEL
enumeration	GHS
enumeration	GIP
enumeration	GMD
enumeration	GNF
enumeration	GTQ
enumeration	GYD
enumeration	HKD
enumeration	HNL
enumeration	HRK
enumeration	HTG
enumeration	HUF
enumeration	IDR
enumeration	ILS
enumeration	INR
enumeration	IQD
enumeration	IRR
enumeration	ISK
enumeration	JMD
enumeration	JOD
enumeration	JPY
enumeration	KES
enumeration	KGS

enumeration	KHR
enumeration	KMF
enumeration	KPW
enumeration	KRW
enumeration	KWD
enumeration	KYD
enumeration	KZT
enumeration	LAK
enumeration	LBP
enumeration	LKR
enumeration	LRD
enumeration	LSL
enumeration	LTL
enumeration	LVL
enumeration	LYD
enumeration	MAD
enumeration	MDL
enumeration	MGA
enumeration	MKD
enumeration	MMK
enumeration	MNT
enumeration	MOP
enumeration	MRO
enumeration	MUR
enumeration	MVR
enumeration	MWK
enumeration	MXN
enumeration	MXV
enumeration	MYR
enumeration	MZN
enumeration	NAD
enumeration	NGN
enumeration	NIO
enumeration	NOK
enumeration	NPR
enumeration	NZD
enumeration	OMR
enumeration	PAB
enumeration	PEN
enumeration	PGK
enumeration	PHP
enumeration	PKR
enumeration	PLN
enumeration	PYG
enumeration	QAR
enumeration	RON
enumeration	RSD
enumeration	RUB
enumeration	RWF

enumeration	SAR
enumeration	SBD
enumeration	SCR
enumeration	SDG
enumeration	SEK
enumeration	SGD
enumeration	SHP
enumeration	SLL
enumeration	SOS
enumeration	SRD
enumeration	SSP
enumeration	STD
enumeration	SYP
enumeration	SZL
enumeration	THB
enumeration	TJS
enumeration	TMT
enumeration	TND
enumeration	TOP
enumeration	TRY
enumeration	TTD
enumeration	TWD
enumeration	TZS
enumeration	UAH
enumeration	UGX
enumeration	USD
enumeration	USN
enumeration	USS
enumeration	UYI
enumeration	UYU
enumeration	UZS
enumeration	VEF
enumeration	VND
enumeration	VUV
enumeration	WST
enumeration	XAF
enumeration	XAG
enumeration	XAU
enumeration	XBA
enumeration	XBB
enumeration	XBC
enumeration	XBD
enumeration	XCD
enumeration	XDR
enumeration	XFU
enumeration	XOF
enumeration	XPB
enumeration	XPF
enumeration	XPT

	enumeration	XTS
	enumeration	XXX
	enumeration	YER
	enumeration	ZAR
	enumeration	ZMW
Used by	Complex Type	cdml-tv:ValuationType
Source	<code><attribute name="settleCcy" type="cdml:CurrencyType" use="required"/></code>	

Attribute cdml:CDMLReportType / @modelVersion

Namespace	No namespace	
Annotations	Report specification version number	
Type	cdml:ReportModelVersionType	
Properties	use:	required
Facets	minInclusive	0
Used by	Complex Type	cdml:CDMLReportType
Source	<pre><attribute name="modelVersion" type="cdml:ReportModelVersionType" use="required"> <annotation> <documentation>Report specification version number</documentation> </annotation> </attribute></pre>	

Attribute cdml:CDMLReportType / @version

Namespace	No namespace	
Annotations	Report content version number	
Type	cdml:ReportVersionType	
Properties	use:	optional
Facets	minInclusive	0
Used by	Complex Type	cdml:CDMLReportType
Source	<pre><attribute name="version" type="cdml:ReportVersionType" use="optional"> <annotation> <documentation>Report content version number</documentation> </annotation> </attribute></pre>	

Attribute cdml:CDMLReportType / @generationDateTime

Namespace	No namespace	
Annotations	Report generation timestamp	
Type	cdml:ReportGenerationDateTimeType	
Properties	use:	optional
Used by	Complex Type	cdml:CDMLReportType
Source	<pre><attribute name="generationDateTime" type="cdml:ReportGenerationDateTimeType" use="optional"> <annotation> <documentation>Report generation timestamp</documentation> </annotation> </attribute></pre>	