

# 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"

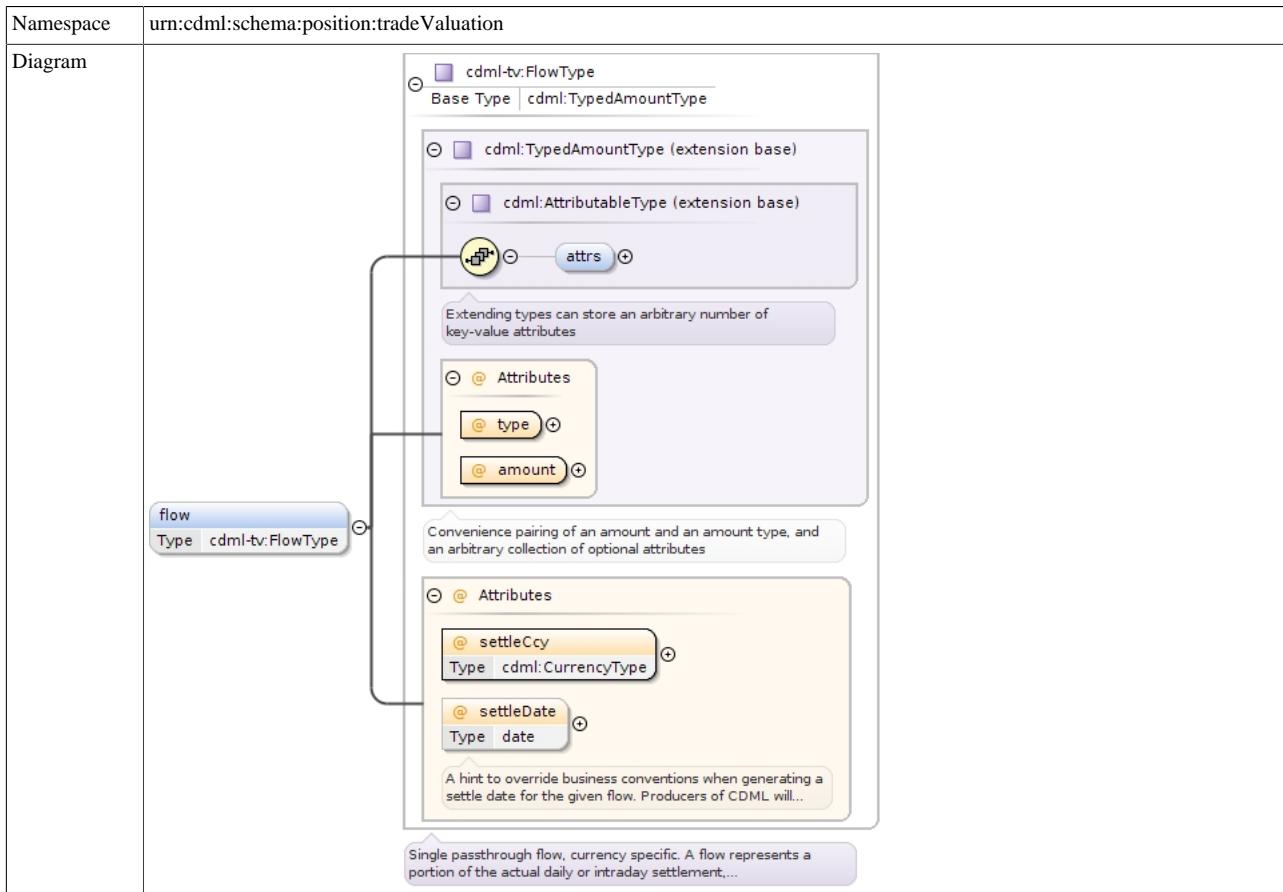
### Schema(s)

#### Main schema CDML-TradeValuationReport-003.xsd

|            |  |
|------------|--|
| Namespace  | urn:cdml:schema:position:tradeValuation  |
| Properties | attribute form default: unqualified<br>element form default: qualified<br>version: 2 |
|            |  |
|            |  |

### Element(s)

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



| Type           | cdml-tv:FlowType  |          |      |     |        |                 |          |           |                   |          |            |      |          |  |  |  |      |                     |          |  |  |
|----------------|---|----------|------|-----|--------|-----------------|----------|-----------|-------------------|----------|------------|------|----------|--|--|--|------|---------------------|----------|--|--|
| Type hierarchy | <ul style="list-style-type: none"> <li>cdml:AttributableType</li> <li>cdml:TypedAmountType</li> <li>cdml-tv:FlowType</li> </ul>   |          |      |     |        |                 |          |           |                   |          |            |      |          |  |  |  |      |                     |          |  |  |
| Properties     | <p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>   |          |      |     |        |                 |          |           |                   |          |            |      |          |  |  |  |      |                     |          |  |  |
| Model          | cdml:attrs{0,1}   |          |      |     |        |                 |          |           |                   |          |            |      |          |  |  |  |      |                     |          |  |  |
| Children       | cdml:attrs  |          |      |     |        |                 |          |           |                   |          |            |      |          |  |  |  |      |                     |          |  |  |
| Instance       | <pre>&lt;cdml-tv:flow amount="" settleCcy="" settleDate="" type="" xmlns:cdml-tv="urn:cdml:schema:position:tradeValuation" xmlns:cdml="urn:cdml:schema:common:types"&gt;   &lt;cdml:attrs&gt;{0,1}&lt;/cdml:attrs&gt; &lt;/cdml-tv:flow&gt;</pre>   |          |      |     |        |                 |          |           |                   |          |            |      |          |  |  |  |      |                     |          |  |  |
| Attributes     | <table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>amount</td> <td>cdml:AmountType</td> <td>required</td> </tr> <tr> <td>settleCcy</td> <td>cdml:CurrencyType</td> <td>required</td> </tr> <tr> <td>settleDate</td> <td>date</td> <td>optional</td> </tr> <tr> <td></td> <td colspan="2">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</td> </tr> <tr> <td>type</td> <td>cdml:AmountTypeType</td> <td>required</td> </tr> </tbody> </table> | 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 |  |  |
| 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         | <pre>&lt;element name="flow" type="cdml-tv:FlowType" minOccurs="0" maxOccurs="unbounded"/&gt;</pre>   |          |      |     |        |                 |          |           |                   |          |            |      |          |  |  |  |      |                     |          |  |  |

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

|                |  |
|----------------|--|
| Namespace      | urn:cdml:schema:position:tradeValuation  |
| Diagram        | <pre> classDiagram     cdml-tv:ValuationType &lt; -- cdml:TypedAmountType     cdml:TypedAmountType &lt; -- cdml:AttributableType     cdml-tv:ValuationGroupType "1..&gt; cdml-tv:ValuationType     cdml-tv:ValuationGroupType "1..&gt; cdml:AttributableType     cdml-tv:ValuationGroupType "1..&gt; cdml:CurrencyType     cdml-tv:ValuationGroupType "1..&gt; cdml:AmountType     cdml-tv:ValuationGroupType "1..&gt; cdml:AmountType     cdml-tv:ValuationGroupType "1..&gt; cdml:AmountType   </pre> <p>The diagram illustrates the inheritance structure of the <code>cdml-tv:ValuationGroupType</code> element. It shows that <code>cdml-tv:ValuationGroupType</code> extends <code>cdml-tv:ValuationType</code>, which in turn extends <code>cdml:TypedAmountType</code>. <code>cdml:TypedAmountType</code> further extends <code>cdml:AttributableType</code>. The <code>cdml-tv:ValuationGroupType</code> element itself contains four attributes: <code>@type</code>, <code>@amount</code>, <code>@settleCcy</code>, and another unnamed attribute of type <code>cdml:AmountType</code>. A callout box provides a detailed explanation of the <code>cdml:AttributableType</code> extension, stating that it allows for an arbitrary number of key-value attributes.</p> |
| Type           | cdml-tv:ValuationType  |
| Type hierarchy | <ul style="list-style-type: none"> <li>cdml:AttributableType</li> </ul>  |

|            | <ul style="list-style-type: none"> <li>cdml:TypedAmountType</li> <li>cdml-tv:ValuationType</li> </ul>   |          |      |     |        |                 |          |           |                   |          |      |                     |          |
|------------|---|----------|------|-----|--------|-----------------|----------|-----------|-------------------|----------|------|---------------------|----------|
| Properties | content: complex<br>minOccurs: 0<br>maxOccurs: unbounded  |          |      |     |        |                 |          |           |                   |          |      |                     |          |
| Model      | cdml:attrs{0,1}   |          |      |     |        |                 |          |           |                   |          |      |                     |          |
| Children   | cdml:attrs  |          |      |     |        |                 |          |           |                   |          |      |                     |          |
| Instance   | <pre>&lt;cdml-tv:valuation amount="" settleCcy="" type="" xmlns:cdml-tv="urn:cdml:schema:position:tradeValuation" xmlns:cdml="urn:cdml:schema:common:types"&gt; &lt;cdml:attrs&gt;{0,1}&lt;/cdml:attrs&gt; &lt;/cdml-tv:valuation&gt;</pre>   |          |      |     |        |                 |          |           |                   |          |      |                     |          |
| Attributes | <table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>amount</td> <td>cdml:AmountType</td> <td>required</td> </tr> <tr> <td>settleCcy</td> <td>cdml:CurrencyType</td> <td>required</td> </tr> <tr> <td>type</td> <td>cdml:AmountTypeType</td> <td>required</td> </tr> </tbody> </table> | QName    | Type | Use | amount | cdml:AmountType | required | settleCcy | cdml:CurrencyType | required | type | cdml:AmountTypeType | required |
| QName      | Type  | Use      |      |     |        |                 |          |           |                   |          |      |                     |          |
| amount     | cdml:AmountType   | required |      |     |        |                 |          |           |                   |          |      |                     |          |
| settleCcy  | cdml:CurrencyType   | required |      |     |        |                 |          |           |                   |          |      |                     |          |
| type       | cdml:AmountTypeType   | required |      |     |        |                 |          |           |                   |          |      |                     |          |
| Source     | <pre>&lt;element name="valuation" type="cdml-tv:ValuationType" minOccurs="0" maxOccurs="unbounded"/&gt;</pre>   |          |      |     |        |                 |          |           |                   |          |      |                     |          |

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

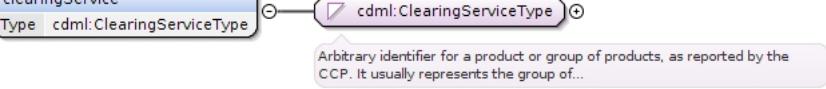
|                |  |
|----------------|--|
| Namespace      | urn:cdml:schema:position:tradeValuation  |
| Diagram        | <pre> classDiagram     class clearedTradeId {         &lt;&lt;Type cdml:TradeIdType&gt;&gt;     }     class cdml:TradeIdType {         &lt;&lt;Arbitrary trade identifier&gt;&gt;     }     clearedTradeId "0..1" o-- "1..1" cdml:TradeIdType   </pre> |
| Type           | cdml:TradeIdType   |
| Type hierarchy | <ul style="list-style-type: none"> <li>token <ul style="list-style-type: none"> <li>cdml:AlphanumericIdType</li> <li>cdml:TradeIdType</li> </ul> </li> </ul>   |
| Properties     | content: simple<br>minOccurs: 1<br>maxOccurs: 1  |
| Facets         | minLength 1<br>maxLength 256   |
| Source         | <pre>&lt;element name="clearedTradeId" type="cdml:TradeIdType" minOccurs="1" maxOccurs="1"/&gt;</pre>  |

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

|                |  |
|----------------|--|
| Namespace      | urn:cdml:schema:position:tradeValuation  |
| Diagram        | <pre> classDiagram     class CCP {         &lt;&lt;Type cdml:CCPIdType&gt;&gt;     }     class cdml:CCPIdType {         &lt;&lt;CCP Identifier&gt;&gt;     }     CCP "0..1" o-- "1..1" cdml:CCPIdType   </pre> |
| Type           | cdml:CCPIdType   |
| Type hierarchy | <ul style="list-style-type: none"> <li>token <ul style="list-style-type: none"> <li>cdml:AlphanumericIdType</li> <li>cdml:CCPIdType</li> </ul> </li> </ul>   |
| Properties     | content: simple<br>minOccurs: 1<br>maxOccurs: 1  |
| Facets         | minLength 1<br>maxLength 64  |

|        |  |
|--------|--|
| Source | <pre>&lt;element name="CCP" type="cdml:CCPIdType" minOccurs="1" maxOccurs="1"/&gt;</pre> |
|--------|--|

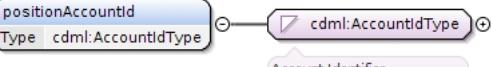
### Element cdml-tv:TradeElementsGroup / cdml-tv:clearingService

|            |   |           |        |            |    |            |   |
|------------|---|-----------|--------|------------|----|------------|---|
| Namespace  | urn:cdml:schema:position:tradeValuation   |           |        |            |    |            |   |
| Diagram    |  <pre> classDiagram     class clearingService {         &lt;&lt;Type cdml:ClearingServiceType&gt;&gt;     }     class cdml::ClearingServiceType {         &lt;&lt;Arbitrary identifier for a product or group of products, as reported by the CCP. It usually represents the group of...&gt;&gt;     }     clearingService &lt; -- cdml::ClearingServiceType   </pre> |           |        |            |    |            |   |
| Type       | cdml:ClearingServiceType  |           |        |            |    |            |   |
| Properties | <table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>  | content:  | simple | minOccurs: | 1  | maxOccurs: | 1 |
| content:   | simple  |           |        |            |    |            |   |
| minOccurs: | 1   |           |        |            |    |            |   |
| maxOccurs: | 1   |           |        |            |    |            |   |
| Facets     | <table border="1"> <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     | <pre>&lt;element name="clearingService" type="cdml:ClearingServiceType" minOccurs="1" maxOccurs="1"/&gt;</pre>  |           |        |            |    |            |   |

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

|                |  |           |        |            |     |            |   |
|----------------|--|-----------|--------|------------|-----|------------|---|
| Namespace      | urn:cdml:schema:position:tradeValuation  |           |        |            |     |            |   |
| Diagram        |  <pre> classDiagram     class memberId {         &lt;&lt;Type cdml:MemberIdType&gt;&gt;     }     class cdml::MemberIdType {         &lt;&lt;Member identifier, as defined by the counterparty organization&gt;&gt;     }     memberId &lt; -- cdml::MemberIdType   </pre> |           |        |            |     |            |   |
| Type           | cdml:MemberIdType  |           |        |            |     |            |   |
| Type hierarchy | <ul style="list-style-type: none"> <li>token           <ul style="list-style-type: none"> <li>cdml:AlphanumericIdType</li> <li>cdml:MemberIdType</li> </ul> </li> </ul>  |           |        |            |     |            |   |
| Properties     | <table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>   | content:  | simple | minOccurs: | 1   | maxOccurs: | 1 |
| content:       | simple   |           |        |            |     |            |   |
| minOccurs:     | 1  |           |        |            |     |            |   |
| maxOccurs:     | 1  |           |        |            |     |            |   |
| Facets         | <table border="1"> <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         | <pre>&lt;element name="memberId" type="cdml:MemberIdType" minOccurs="1" maxOccurs="1"/&gt;</pre>   |           |        |            |     |            |   |

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

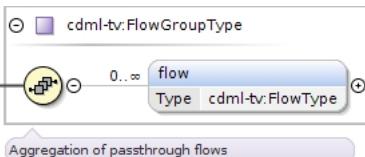
|                |  |           |        |            |    |            |   |
|----------------|--|-----------|--------|------------|----|------------|---|
| Namespace      | urn:cdml:schema:position:tradeValuation  |           |        |            |    |            |   |
| Diagram        |  <pre> classDiagram     class positionAccountId {         &lt;&lt;Type cdml:AccountIdType&gt;&gt;     }     class cdml::AccountIdType {         &lt;&lt;Account Identifier&gt;&gt;     }     positionAccountId &lt; -- cdml::AccountIdType   </pre> |           |        |            |    |            |   |
| Type           | cdml:AccountIdType   |           |        |            |    |            |   |
| Type hierarchy | <ul style="list-style-type: none"> <li>token           <ul style="list-style-type: none"> <li>cdml:AlphanumericIdType</li> <li>cdml:AccountIdType</li> </ul> </li> </ul>   |           |        |            |    |            |   |
| Properties     | <table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>   | content:  | simple | minOccurs: | 1  | maxOccurs: | 1 |
| content:       | simple   |           |        |            |    |            |   |
| minOccurs:     | 1  |           |        |            |    |            |   |
| maxOccurs:     | 1  |           |        |            |    |            |   |
| Facets         | <table border="1"> <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 | <pre>&lt;element name="positionAccountId" type="cdml:AccountIdType" minOccurs="1" maxOccurs="1"/&gt;</pre> |
|--------|--|

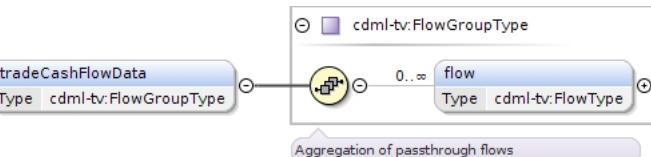
### Element cdml-tv:TradeElementsGroup / cdml-tv:segregationType

|             |  |             |        |             |       |            |   |
|-------------|--|-------------|--------|-------------|-------|------------|---|
| Namespace   | urn:cdml:schema:position:tradeValuation  |             |        |             |       |            |   |
| Annotations | The use of SegregationTypeType is deprecated, and may be removed from future versions  |             |        |             |       |            |   |
| Diagram     |  <p>The use of SegregationTypeType is deprecated. Future versions of the CDML specification may remove this datatype....</p>   |             |        |             |       |            |   |
| Type        | cdml:SegregationTypeType   |             |        |             |       |            |   |
| Properties  | <table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>   | content:    | simple | minOccurs:  | 0     | maxOccurs: | 1 |
| content:    | simple   |             |        |             |       |            |   |
| minOccurs:  | 0  |             |        |             |       |            |   |
| maxOccurs:  | 1  |             |        |             |       |            |   |
| Facets      | <table border="1"> <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>&lt;element name="segregationType" type="cdml:SegregationTypeType" minOccurs="0" maxOccurs="1"&gt;   &lt;annotation&gt;     &lt;documentation&gt;The use of SegregationTypeType is deprecated, and may be removed from future versions&lt;/documentation&gt;   &lt;/annotation&gt; &lt;/element&gt;</pre> |             |        |             |       |            |   |

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

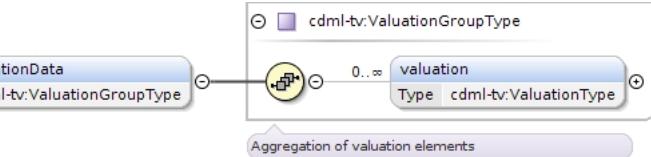
|                |   |           |        |            |    |            |   |
|----------------|---|-----------|--------|------------|----|------------|---|
| Namespace      | urn:cdml:schema:position:tradeValuation   |           |        |            |    |            |   |
| Diagram        |  <p>Aggregation of passthrough flows</p>   |           |        |            |    |            |   |
| Type           | cdml:SegregationAccountType   |           |        |            |    |            |   |
| Type hierarchy | <ul style="list-style-type: none"> <li>token           <ul style="list-style-type: none"> <li>cdml:AlphanumericIdType</li> <li>cdml:SegregationAccountType</li> </ul> </li> </ul> |           |        |            |    |            |   |
| Properties     | <table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>                      | content:  | simple | minOccurs: | 1  | maxOccurs: | 1 |
| content:       | simple  |           |        |            |    |            |   |
| minOccurs:     | 1   |           |        |            |    |            |   |
| maxOccurs:     | 1   |           |        |            |    |            |   |
| Facets         | <table border="1"> <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         | <pre>&lt;element name="segregationAccount" type="cdml:SegregationAccountType" minOccurs="1" maxOccurs="1"/&gt;</pre>  |           |        |            |    |            |   |

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

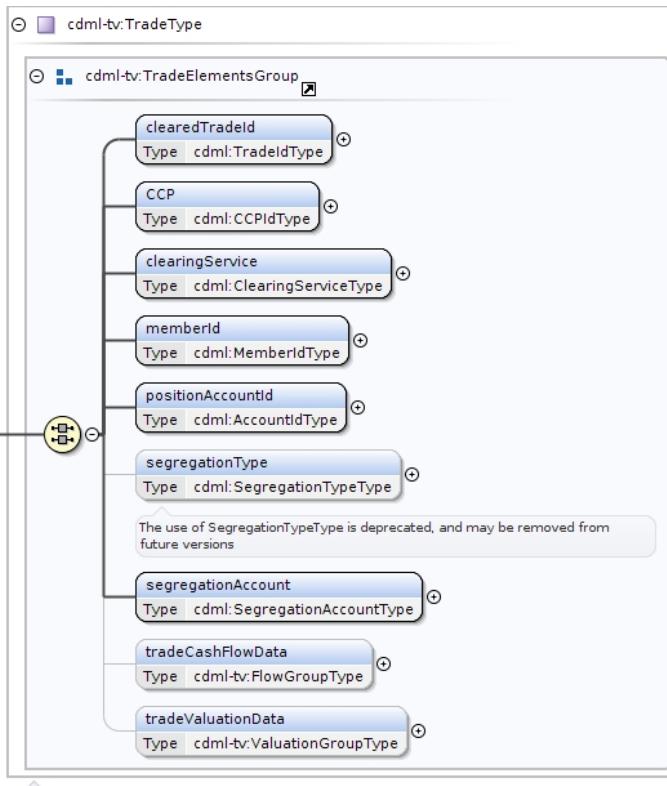
|            |   |          |         |            |   |            |   |
|------------|---|----------|---------|------------|---|------------|---|
| Namespace  | urn:cdml:schema:position:tradeValuation   |          |         |            |   |            |   |
| Diagram    |  <p>Aggregation of passthrough flows</p>                                   |          |         |            |   |            |   |
| Type       | cdml-tv:FlowGroupType   |          |         |            |   |            |   |
| Properties | <table border="1"> <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 | <cdml-tv:tradeCashFlowData xmlns:cdml-tv="urn:cdml:schema:position:tradeValuation"><br><cdml-tv:flow amount="" settleCcy="" settleDate="" type="">{0,unbounded}</cdml-tv:flow><br></cdml-tv:tradeCashFlowData> |
| Source   | <element name="tradeCashFlowData" type="cdml-tv:FlowGroupType" minOccurs="0" maxOccurs="1"/>   |

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

|            |   |          |         |            |   |            |   |
|------------|---|----------|---------|------------|---|------------|---|
| Namespace  | urn:cdml:schema:position:tradeValuation   |          |         |            |   |            |   |
| Diagram    |  A UML class diagram showing the relationship between 'cdml-tv:TradeElementsGroup' and 'cdml-tv:valuation'. An association line connects them, with a multiplicity of '0..∞' on the 'cdml-tv:TradeElementsGroup' side and a '+' sign on the 'cdml-tv:valuation' side. A callout bubble below the association line states 'Aggregation of valuation elements'. |          |         |            |   |            |   |
| Type       | cdml-tv:ValuationGroupType  |          |         |            |   |            |   |
| Properties | <table border="1"> <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   | <cdml-tv:tradeValuationData xmlns:cdml-tv="urn:cdml:schema:position:tradeValuation"><br><cdml-tv:valuation amount="" settleCcy="" type="">{0,unbounded}</cdml-tv:valuation><br></cdml-tv:tradeValuationData>  |          |         |            |   |            |   |
| Source     | <element name="tradeValuationData" type="cdml-tv:ValuationGroupType" minOccurs="0" maxOccurs="1"/>  |          |         |            |   |            |   |

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

|            |   |          |         |
|------------|---|----------|---------|
| Namespace  | urn:cdml:schema:position:tradeValuation   |          |         |
| Diagram    |  A UML class diagram showing the relationship between 'cdml-tv:TradeType' and 'cdml-tv:TradeElementsGroup'. An association line connects them, with a multiplicity of '0..∞' on the 'cdml-tv:TradeType' side and a '+' sign on the 'cdml-tv:TradeElementsGroup' side. Below the association line, a callout bubble states 'Represents a single trade that has been already cleared, tagged with CCP and clearing member identifiers, and...'. Inside the 'cdml-tv:TradeElementsGroup' compartment, there is a list of elements: 'clearedTradeId' (Type: cdml:TradeIdType), 'CCP' (Type: cdml:CCPIdType), 'clearingService' (Type: cdml:ClearingServiceType), 'memberId' (Type: cdml:MemberIdType), 'positionAccountId' (Type: cdml:AccountIdType), 'segregationType' (Type: cdml:SegregationTypeType), 'segregationAccount' (Type: cdml:SegregationAccountType), 'tradeCashFlowData' (Type: cdml-tv:FlowGroupType), and 'tradeValuationData' (Type: cdml-tv:ValuationGroupType). A callout bubble next to 'segregationType' states 'The use of SegregationTypeType is deprecated, and may be removed from future versions'. |          |         |
| Type       | cdml-tv:TradeType   |          |         |
| Properties | <table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> </table>   | content: | complex |
| content:   | complex   |          |         |

|          |  |
|----------|--|
|          | minOccurs: 0<br>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>&lt;cdml-tv:trade xmlns:cdml-tv="urn:cdml:schema:position:tradeValuation"&gt;   &lt;cdml-tv:clearedTradeId&gt;{1,1}&lt;/cdml-tv:clearedTradeId&gt;   &lt;cdml-tv:CCP&gt;{1,1}&lt;/cdml-tv:CCP&gt;   &lt;cdml-tv:clearingService&gt;{1,1}&lt;/cdml-tv:clearingService&gt;   &lt;cdml-tv:memberId&gt;{1,1}&lt;/cdml-tv:memberId&gt;   &lt;cdml-tv:positionAccountId&gt;{1,1}&lt;/cdml-tv:positionAccountId&gt;   &lt;cdml-tv:segregationType&gt;{0,1}&lt;/cdml-tv:segregationType&gt;   &lt;cdml-tv:segregationAccount&gt;{1,1}&lt;/cdml-tv:segregationAccount&gt;   &lt;cdml-tv:tradeCashFlowData&gt;{0,1}&lt;/cdml-tv:tradeCashFlowData&gt;   &lt;cdml-tv:tradeValuationData&gt;{0,1}&lt;/cdml-tv:tradeValuationData&gt; &lt;/cdml-tv:trade&gt;</pre> |
| Source   | <pre>&lt;element name="trade" type="cdml-tv:TradeType" minOccurs="0" maxOccurs="unbounded" /&gt;</pre>   |

## Element cdml-tv:tradeValuationReport

|                |   |
|----------------|---|
| Namespace      | urn:cdml:schema:position:tradeValuation   |
| Annotations    | Root element for the CDML Trade Valuation Report  |
| Diagram        | <pre> classDiagram     class tradeValuationReport {         &lt;&lt;Type cdml-tv:TradeValuationReportType&gt;&gt;         &lt;&lt;Root element for the CDML Trade Valuation Report&gt;&gt;     }     class CDMLReportType {         &lt;&lt;Base Type   cdml:CDMLReportType&gt;&gt;         &lt;&lt;Attributes&gt;&gt;             modelVersion             version             generationDateTime             reportDate             intraday         &lt;&lt;Business date on which the report data is valid&gt;&gt;         &lt;&lt;Indicates if the data in this report has been generated intraday. The lack of this flag should be interpreted as it...&gt;&gt;         &lt;&lt;Base type for all CDML reports&gt;&gt;     }     tradeValuationReport &lt; -- CDMLReportType     CDMLReportType &lt; -- TradeValuationReportType   </pre> |
| Type           | cdml-tv:TradeValuationReportType  |
| Type hierarchy | <ul style="list-style-type: none"> <li>cdml:CDMLReportType</li> <li>cdml-tv:TradeValuationReportType</li> </ul>   |
| Properties     | content: complex  |
| Model          | cdml:reportDate , cdml:intraday{0,1} , cdml-tv:trade*   |
| Children       | cdml-tv:trade, cdml:intraday, cdml:reportDate   |
| Instance       | <pre>&lt;cdml-tv:tradeValuationReport generationDateTime="" modelVersion="" version="" xmlns:cdml-tv="urn:cdml:schema:position:tradeValuation" xmlns:cdml="urn:cdml:schema:common:types"&gt;   &lt;cdml:reportDate&gt;{1,1}&lt;/cdml:reportDate&gt;   &lt;cdml:intraday&gt;{0,1}&lt;/cdml:intraday&gt;   &lt;cdml-tv:trade&gt;{0,unbounded}&lt;/cdml-tv:trade&gt; &lt;/cdml-tv:tradeValuationReport&gt;</pre>   |

| Attributes | QName  | Type                                | Use      |
|------------|--|-------------------------------------|----------|
|            | <b>generationDateTime</b>  | cdml:ReportGenerationDateTime       | optional |
|            |  | Report generation timestamp         |          |
|            | <b>modelVersion</b>  | cdml:ReportModelVersionType         | required |
|            |  | Report specification version number |          |
|            | <b>version</b>   | cdml:ReportVersionType              | optional |
|            |  | Report content version number       |          |
| Source     | <pre>&lt;element name="tradeValuationReport" type="cdml-tv:TradeValuationReportType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Root element for the CDML Trade Valuation Report&lt;/documentation&gt;   &lt;/annotation&gt; &lt;/element&gt;</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           | <p>Extending types can store an arbitrary number of key-value attributes</p> <p>Convenience pairing of an amount and an amount type, and an arbitrary collection of optional attributes</p> <p>A hint to override business conventions when generating a settle date for the given flow. Producers of CDML will...</p>  |          |      |     |               |                 |          |                  |                   |          |                   |      |          |  |  |  |
| Type              | extension of cdml:TypedAmountType   |          |      |     |               |                 |          |                  |                   |          |                   |      |          |  |  |  |
| Type hierarchy    | <ul style="list-style-type: none"> <li>cdml:AttributableType</li> <li>cdml:TypedAmountType</li> <li>cdml-tv:FlowType</li> </ul>   |          |      |     |               |                 |          |                  |                   |          |                   |      |          |  |  |  |
| Used by           | Element cdml-tv:FlowGroupType/cdml-tv:flow  |          |      |     |               |                 |          |                  |                   |          |                   |      |          |  |  |  |
| Model             | cdml:attrs{0,1}   |          |      |     |               |                 |          |                  |                   |          |                   |      |          |  |  |  |
| Children          | cdml:attrs  |          |      |     |               |                 |          |                  |                   |          |                   |      |          |  |  |  |
| Attributes        | <table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td><b>amount</b></td> <td>cdml:AmountType</td> <td>required</td> </tr> <tr> <td><b>settleCcy</b></td> <td>cdml:CurrencyType</td> <td>required</td> </tr> <tr> <td><b>settleDate</b></td> <td>date</td> <td>optional</td> </tr> <tr> <td></td> <td colspan="2">A hint to override business conventions when generating a settle date for the given flow. Producers of CDML will normally delegate on consumers to</td></tr> </tbody> </table> | QName    | Type | Use | <b>amount</b> | cdml:AmountType | required | <b>settleCcy</b> | cdml:CurrencyType | required | <b>settleDate</b> | 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      |      |     |               |                 |          |                  |                   |          |                   |      |          |  |  |  |
| <b>amount</b>     | cdml:AmountType   | required |      |     |               |                 |          |                  |                   |          |                   |      |          |  |  |  |
| <b>settleCcy</b>  | cdml:CurrencyType   | required |      |     |               |                 |          |                  |                   |          |                   |      |          |  |  |  |
| <b>settleDate</b> | 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  |          |      |     |               |                 |          |                  |                   |          |                   |      |          |  |  |  |

|        | <b>QName</b>  | <b>Type</b>   | <b>Use</b> |  |
|--------|---|---|------------|--|
|        |   | 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 |            |  |
|        | <b>type</b>   | cdml:AmountTypeType   | required   |  |
| Source | <pre>&lt;complexType name="FlowType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Single passthrough flow, currency specific. A flow represents a portion of the actual daily or intraday settlement, grouped by type and currency&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;complexContent&gt;     &lt;extension base="cdml:TypedAmountType"&gt;       &lt;attribute name="settleCcy" type="cdml:CurrencyType" use="required"/&gt;       &lt;attribute name="settleDate" type="date" use="optional"&gt;         &lt;annotation&gt;           &lt;documentation&gt;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&lt;/documentation&gt;         &lt;/annotation&gt;       &lt;/attribute&gt;     &lt;/extension&gt;   &lt;/complexContent&gt; &lt;/complexType&gt;</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          | <pre> classDiagram     cdml:AttributableType &lt; -- cdml:TypedAmountType     cdml:TypedAmountType &lt; -- ValuationType     ValuationType @+ settleCcy : cdml:CurrencyType     ValuationType @+ settleDate : date     ValuationType @+ type : cdml:AmountTypeType     ValuationType @+ amount : cdml:AmountTypeType   </pre> <p>The diagram illustrates the inheritance structure of the ValuationType complex type. It shows ValuationType extending cdml:TypedAmountType, which in turn extends cdml:AttributableType. The ValuationType class contains four attributes: type (cdml:AmountTypeType), amount (cdml:AmountTypeType), settleCcy (cdml:CurrencyType), and settleDate (date). A callout box provides a detailed explanation of the settleCcy attribute.</p> |              |             |            |  |               |                 |          |  |                  |                   |          |  |
| Type             | extension of cdml:TypedAmountType   |              |             |            |  |               |                 |          |  |                  |                   |          |  |
| Type hierarchy   | <ul style="list-style-type: none"> <li>cdml:AttributableType</li> <li>cdml:TypedAmountType</li> <li>cdml-tv:ValuationType</li> </ul>  |              |             |            |  |               |                 |          |  |                  |                   |          |  |
| Used by          | Element cdml-tv:ValuationGroupType/cdml-tv:valuation  |              |             |            |  |               |                 |          |  |                  |                   |          |  |
| Model            | cdml:attrs{0,1}   |              |             |            |  |               |                 |          |  |                  |                   |          |  |
| Children         | cdml:attrs  |              |             |            |  |               |                 |          |  |                  |                   |          |  |
| Attributes       | <table border="1"> <thead> <tr> <th><b>QName</b></th> <th><b>Type</b></th> <th><b>Use</b></th> <th></th> </tr> </thead> <tbody> <tr> <td><b>amount</b></td> <td>cdml:AmountType</td> <td>required</td> <td></td> </tr> <tr> <td><b>settleCcy</b></td> <td>cdml:CurrencyType</td> <td>required</td> <td></td> </tr> </tbody> </table>  | <b>QName</b> | <b>Type</b> | <b>Use</b> |  | <b>amount</b> | cdml:AmountType | required |  | <b>settleCcy</b> | cdml:CurrencyType | required |  |
| <b>QName</b>     | <b>Type</b>   | <b>Use</b>   |             |            |  |               |                 |          |  |                  |                   |          |  |
| <b>amount</b>    | cdml:AmountType   | required     |             |            |  |               |                 |          |  |                  |                   |          |  |
| <b>settleCcy</b> | cdml:CurrencyType   | required     |             |            |  |               |                 |          |  |                  |                   |          |  |

|        | <b>QName</b>   | <b>Type</b>         | <b>Use</b> |  |
|--------|--|---------------------|------------|--|
|        | <b>type</b>  | cdml:AmountTypeType | required   |  |
| Source | <pre>&lt;complexType name="ValuationType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;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&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;complexContent&gt;     &lt;extension base="cdml:TypedAmountType"&gt;       &lt;attribute name="settleCcy" type="cdml:CurrencyType" use="required"/&gt;     &lt;/extension&gt;   &lt;/complexContent&gt; &lt;/complexType&gt;</pre> |                     |            |  |

### Complex Type cdml-tv:FlowGroupType

|             |   |
|-------------|---|
| Namespace   | urn:cdml:schema:position:tradeValuation   |
| Annotations | Aggregation of passthrough flows  |
| Diagram     | <pre> classDiagram     class FlowGroupType     class FlowType     FlowGroupType "0..∞" -- "1..∞" FlowType : flow   </pre> <p>Aggregation of passthrough flows</p>   |
| Used by     | Element cdml-tv:TradeElementsGroup/cdml-tv:tradeCashFlowData  |
| Model       | cdml-tv:flow*   |
| Children    | cdml-tv:flow  |
| Source      | <pre>&lt;complexType name="FlowGroupType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Aggregation of passthrough flows&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;sequence&gt;     &lt;element name="flow" type="cdml-tv:FlowType" minOccurs="0" maxOccurs="unbounded"/&gt;   &lt;/sequence&gt; &lt;/complexType&gt;</pre> |

### Complex Type cdml-tv:ValuationGroupType

|             |   |
|-------------|---|
| Namespace   | urn:cdml:schema:position:tradeValuation   |
| Annotations | Aggregation of valuation elements   |
| Diagram     | <pre> classDiagram     class ValuationGroupType     class ValuationType     ValuationGroupType "0..∞" -- "1..∞" ValuationType : valuation   </pre> <p>Aggregation of valuation elements</p>   |
| Used by     | Element cdml-tv:TradeElementsGroup/cdml-tv:tradeValuationData   |
| Model       | cdml-tv:valuation*  |
| Children    | cdml-tv:valuation   |
| Source      | <pre>&lt;complexType name="ValuationGroupType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Aggregation of valuation elements&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;sequence&gt;     &lt;element name="valuation" type="cdml-tv:ValuationType" minOccurs="0" maxOccurs="unbounded"/&gt;   &lt;/sequence&gt; &lt;/complexType&gt;</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  | <pre> classDiagram     class TradeType {         &lt;&lt;Represents a single trade that has been already cleared, tagged with CCP and clearing member identifiers, and...&gt;&gt;     }     class TradeElementsGroup {         clearedTradeId : cdml:TradeIdType         CCP : cdml:CCPIdType         clearingService : cdml:ClearingServiceType         memberId : cdml:MemberIdType         positionAccountId : cdml:AccountIdType         segregationType : cdml:SegregationTypeType         segregationAccount : cdml:SegregationAccountType         tradeCashFlowData : cdml-tv:FlowGroupType         tradeValuationData : cdml-tv:ValuationGroupType     }     TradeType "0..1" o-- TradeElementsGroup     TradeType "0..1" o-- TradeElementsGroup   </pre> |
| Used by  | Element<br>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> &lt;complexType name="TradeType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Represents a single trade that has been already cleared, tagged with CCP and clearing member identifiers, and information about payment flows and trade pricing&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;group ref="cdml-tv:TradeElementsGroup" /&gt; &lt;/complexType&gt;   </pre>   |

## Complex Type cdml-tv:TradeValuationReportType

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

| Diagram            | <pre> classDiagram     cdml:CDMLReportType &lt; -- TradeValuationReportType     class TradeValuationReportType {         @modelVersion         @version         @generationDateTime         reportDate         intraday         sequence trade : cdml-tv:TradeType     }   </pre>  |          |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
|--------------------|--|----------|------|-----|--------------------|-------------------------------|----------|--|-----------------------------|--|--------------|-----------------------------|----------|--|-------------------------------------|--|---------|------------------------|----------|--|-------------------------------|--|
| Type               | extension of cdml:CDMLReportType   |          |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
| Type hierarchy     | <ul style="list-style-type: none"> <li>cdml:CDMLReportType</li> <li>cdml-tv:TradeValuationReportType</li> </ul>  |          |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
| Used by            | Element cdml-tv:tradeValuationReport   |          |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
| Model              | cdml:reportDate , cdml:intraday{0,1} , cdml-tv:trade*  |          |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
| Children           | cdml-tv:trade, cdml:intraday, cdml:reportDate  |          |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
| Attributes         | <table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>generationDateTime</td> <td>cdml:ReportGenerationDateTime</td> <td>optional</td> </tr> <tr> <td></td> <td>Report generation timestamp</td> <td></td> </tr> <tr> <td>modelVersion</td> <td>cdml:ReportModelVersionType</td> <td>required</td> </tr> <tr> <td></td> <td>Report specification version number</td> <td></td> </tr> <tr> <td>version</td> <td>cdml:ReportVersionType</td> <td>optional</td> </tr> <tr> <td></td> <td>Report content version number</td> <td></td> </tr> </tbody> </table> | QName    | Type | Use | generationDateTime | cdml:ReportGenerationDateTime | optional |  | Report generation timestamp |  | modelVersion | cdml:ReportModelVersionType | required |  | Report specification version number |  | version | cdml:ReportVersionType | optional |  | Report content version number |  |
| QName              | Type   | Use      |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
| generationDateTime | cdml:ReportGenerationDateTime  | optional |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
|                    | Report generation timestamp  |          |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
| modelVersion       | cdml:ReportModelVersionType  | required |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
|                    | Report specification version number  |          |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
| version            | cdml:ReportVersionType   | optional |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
|                    | Report content version number  |          |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
| Source             | <pre> &lt;complexType name="TradeValuationReportType"&gt;   &lt;complexContent&gt;     &lt;extension base="cdml:CDMLReportType"&gt;       &lt;sequence&gt;         &lt;element name="trade" type="cdml-tv:TradeType" minOccurs="0" maxOccurs="unbounded"/&gt;       &lt;/sequence&gt;     &lt;/extension&gt;   &lt;/complexContent&gt; &lt;/complexType&gt;   </pre>   |          |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |

## Element Group(s)

### Element Group cdml-tv:TradeElementsGroup

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

|          |   |
|----------|---|
| Diagram  | <pre> classDiagram     class TradeElementsGroup {         clearedTradeId         CCP         clearingService         memberId         positionAccountId         segregationType         segregationAccount         tradeCashFlowData         tradeValuationData     }     TradeElementsGroup &lt; -- TradeType     TradeElementsGroup --&gt; ClearedTradeIdType     TradeElementsGroup --&gt; CCPIdType     TradeElementsGroup --&gt; ClearingServiceType     TradeElementsGroup --&gt; MemberIdType     TradeElementsGroup --&gt; AccountIdType     TradeElementsGroup --&gt; SegregationTypeType     TradeElementsGroup --&gt; SegregationAccountType     TradeElementsGroup --&gt; FlowGroupType     TradeElementsGroup --&gt; ValuationGroupType   </pre> <p>The use of SegregationTypeType is deprecated, and may be removed from future versions</p>  |
| 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> &lt;group name="TradeElementsGroup"&gt;   &lt;all&gt;     &lt;element name="clearedTradeId" type="cdml:TradeIdType" minOccurs="1" maxOccurs="1"/&gt;     &lt;element name="CCP" type="cdml:CCPIdType" minOccurs="1" maxOccurs="1"/&gt;     &lt;element name="clearingService" type="cdml:ClearingServiceType" minOccurs="1" maxOccurs="1"/&gt;     &lt;element name="memberId" type="cdml:MemberIdType" minOccurs="1" maxOccurs="1"/&gt;     &lt;element name="positionAccountId" type="cdml:AccountIdType" minOccurs="1" maxOccurs="1"/&gt;     &lt;element name="segregationType" type="cdml:SegregationTypeType" minOccurs="0" maxOccurs="1"&gt;       &lt;annotation&gt;         &lt;documentation&gt;The use of SegregationTypeType is deprecated, and may be removed from future versions&lt;/documentation&gt;       &lt;/annotation&gt;     &lt;/element&gt;     &lt;element name="segregationAccount" type="cdml:SegregationAccountType" minOccurs="1" maxOccurs="1"/&gt;     &lt;element name="tradeCashFlowData" type="cdml-tv:FlowGroupType" minOccurs="0" maxOccurs="1"/&gt;     &lt;element name="tradeValuationData" type="cdml-tv:ValuationGroupType" minOccurs="0" maxOccurs="1"/&gt;   &lt;/all&gt; &lt;/group&gt;   </pre> |

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

### Schema(s)

#### Imported schema CDML-datatatypes-003.xsd

|             |  |
|-------------|--|
| Namespace   | urn:cdml:schema:common:types   |
| Annotations | <p>Datatype definitions shared by all CDML document types.</p> <pre> ##### 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   </pre> |

|            |                                     |
|------------|-------------------------------------|
| #####      |                                     |
| 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    | <p>cdml:AttributableType</p> <p>Collection of key-value attributes. Order is not relevant, and keys can be repeated: it's up to producers/consumers of...</p>  |
| Type       | cdml:AttributeCollectionType   |
| Properties | content: complex<br>minOccurs: 0<br>maxOccurs: 1   |
| Model      | cdml:attr*   |
| Children   | cdml:attr  |
| Instance   | <pre>&lt;cdml:attrs xmlns:cdml="urn:cdml:schema:common:types"&gt;   &lt;cdml:attr key="" value=""&gt;{0,unbounded}&lt;/cdml:attr&gt; &lt;/cdml:attrs&gt;</pre> |
| Source     | <pre>&lt;element name="attrs" type="cdml:AttributeCollectionType" maxOccurs="1" minOccurs="0" /&gt;</pre>  |

### Element cdml:AttributeCollectionType / cdml:attr

| Namespace  | urn:cdml:schema:common:types   |          |      |     |     |        |          |       |        |          |
|------------|--|----------|------|-----|-----|--------|----------|-------|--------|----------|
| Diagram    | <p>cdml:AttributeCollectionType</p> <p>Attributes</p> <p>@ key</p> <p>@ value</p> <p>Key-value pair that define a single attribute</p>   |          |      |     |     |        |          |       |        |          |
| Type       | cdml:AttributeType   |          |      |     |     |        |          |       |        |          |
| Properties | content: complex<br>minOccurs: 0<br>maxOccurs: unbounded   |          |      |     |     |        |          |       |        |          |
| Attributes | <table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>key</td> <td>string</td> <td>required</td> </tr> <tr> <td>value</td> <td>string</td> <td>optional</td> </tr> </tbody> </table> | QName    | Type | Use | key | string | required | value | string | optional |
| QName      | Type   | Use      |      |     |     |        |          |       |        |          |
| key        | string   | required |      |     |     |        |          |       |        |          |
| value      | string   | optional |      |     |     |        |          |       |        |          |
| Source     | <pre>&lt;element name="attr" type="cdml:AttributeType" maxOccurs="unbounded" minOccurs="0" /&gt;</pre>   |          |      |     |     |        |          |       |        |          |

### Element cdml:CDMLReportType / cdml:reportDate

|             |   |
|-------------|---|
| Namespace   | urn:cdml:schema:common:types  |
| Annotations | Business date on which the report data is valid                                   |
| Diagram     | <p>cdml:ReportDateType</p> <p>Business date on which the report data is valid</p> |

|            |  |
|------------|--|
| Type       | cdml:ReportDateType  |
| Properties | <p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>   |
| Source     | <pre>&lt;element name="reportDate" type="cdml:ReportDateType" minOccurs="1" maxOccurs="1"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Business date on which the report data is valid&lt;/documentation&gt;   &lt;/annotation&gt; &lt;/element&gt;</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     | <p>The diagram shows a UML class hierarchy. At the top is a class labeled 'intraday' with a hollow circle symbol indicating it's an extension. A line connects 'intraday' to a class labeled 'boolean' with a checkmark symbol. A callout box points from 'intraday' to the text: 'Indicates if the data in this report has been generated intraday. The lack of this flag should be interpreted as it being false.' Another callout box points from 'boolean' to the text: 'Built-in primitive type. It defines the boolean values true and false.'</p> |
| Type        | boolean  |
| Properties  | <p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p> <p>default: false</p>   |
| Source      | <pre>&lt;element name="intraday" type="boolean" minOccurs="0" maxOccurs="1" default="false"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Indicates if the data in this report has been generated intraday. The lack of this flag should be interpreted as it being false&lt;/documentation&gt;   &lt;/annotation&gt; &lt;/element&gt;</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        | <p>The diagram illustrates the inheritance structure of TypedAmountType. It shows 'cdml:AttributableType' as the extension base with a hollow circle symbol. An arrow points from 'TypedAmountType' (with a hollow square symbol) to 'cdml:AttributableType'. A callout box from 'TypedAmountType' points to the text: 'Convenience pairing of an amount and an amount type, and an arbitrary collection of optional attributes'. A callout box from 'cdml:AttributableType' points to the text: 'Extending types can store an arbitrary number of key-value attributes'. Below 'cdml:AttributableType' is a box labeled '@ Attributes' containing '@ type' and '@ amount'.</p> |          |      |     |        |                 |          |
| Type           | extension of cdml:AttributableType  |          |      |     |        |                 |          |
| Type hierarchy | <ul style="list-style-type: none"> <li>cdml:AttributableType</li> <li>cdml:TypedAmountType</li> </ul>   |          |      |     |        |                 |          |
| Used by        | Complex Types cdml-tv:FlowType, cdml-tv:ValuationType   |          |      |     |        |                 |          |
| Model          | cdml:attrs{0,1}   |          |      |     |        |                 |          |
| Children       | cdml:attrs  |          |      |     |        |                 |          |
| Attributes     | <table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>amount</td> <td>cdml:AmountType</td> <td>required</td> </tr> </tbody> </table>  | QName    | Type | Use | amount | cdml:AmountType | required |
| QName          | Type  | Use      |      |     |        |                 |          |
| amount         | cdml:AmountType   | required |      |     |        |                 |          |

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

## Complex Type cdml:AttributableType

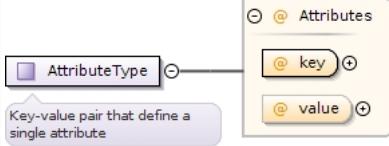
|             |   |
|-------------|---|
| Namespace   | urn:cdml:schema:common:types  |
| Annotations | Extending types can store an arbitrary number of key-value attributes   |
| Diagram     | <p>Diagram illustrating the UML representation of the AttributableType complex type. It shows a class named 'AttributableType' with an open circle (empty set symbol) at its top, indicating it extends another type. A line connects it to another class represented by a rounded rectangle containing 'attrs'. This line has an open circle at the end of the line and a plus sign (+) at the end of the arrowhead, indicating a multiplicity of 0..1.</p> <p>Extending types can store an arbitrary number of key-value attributes</p> |
| Used by     | Complex Type cdml:TypedAmountType   |
| Model       | cdml:attrs{0,1}   |
| Children    | cdml:attrs  |
| Source      | <pre>&lt;complexType name="AttributableType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Extending types can store an arbitrary number of key-value attributes&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;sequence&gt;     &lt;element name="attrs" type="cdml:AttributeCollectionType" maxOccurs="1" minOccurs="0"/&gt;   &lt;/sequence&gt; &lt;/complexType&gt;</pre>  |

## Complex Type cdml:AttributeCollectionType

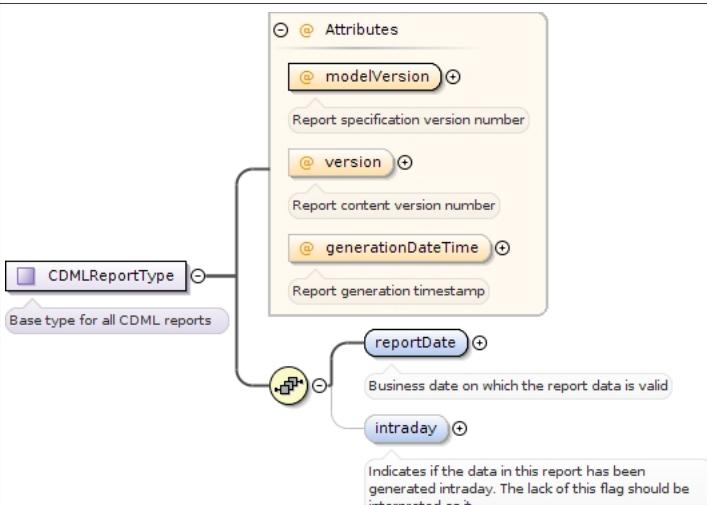
|             |   |
|-------------|---|
| Namespace   | urn:cdml:schema:common:types  |
| Annotations | Collection of key-value attributes. Order is not relevant, and keys can be repeated: it's up to producers/consumers of the format to decide if multi valued attributes are allowed, or validation failure should happen   |
| Diagram     | <p>Diagram illustrating the UML representation of the AttributeCollectionType complex type. It shows a class named 'AttributeCollectionType' with an open circle (empty set symbol) at its top. A line connects it to another class represented by a rounded rectangle containing 'attr'. This line has an open circle at the end of the line and a plus sign (+) at the end of the arrowhead, indicating a multiplicity of 0..infinity.</p> <p>Collection of key-value attributes. Order is not relevant, and keys can be repeated: it's up to producers/consumers of...</p> |
| Used by     | Element cdml:AttributableType/cdml:attrs  |
| Model       | cdml:attr*  |
| Children    | cdml:attr   |
| Source      | <pre>&lt;complexType name="AttributeCollectionType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;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&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;sequence&gt;     &lt;element name="attr" type="cdml:AttributeType" maxOccurs="unbounded" minOccurs="0"/&gt;   &lt;/sequence&gt; &lt;/complexType&gt;</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 | <table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>key</td> <td>string</td> <td>required</td> </tr> <tr> <td>value</td> <td>string</td> <td>optional</td> </tr> </tbody> </table>  | QName    | Type | Use | key | string | required | value | string | optional |
| QName      | Type  | Use      |      |     |     |        |          |       |        |          |
| key        | string  | required |      |     |     |        |          |       |        |          |
| value      | string  | optional |      |     |     |        |          |       |        |          |
| Source     | <pre>&lt;complexType name="AttributeType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Key-value pair that define a single attribute&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;attribute name="key" type="string" use="required"/&gt;   &lt;attribute name="value" type="string"/&gt; &lt;/complexType&gt;</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 border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>generationDateTime</td> <td>cdml:ReportGenerationDateTime</td> <td>optional</td> </tr> <tr> <td></td> <td>Report generation timestamp</td> <td></td> </tr> <tr> <td>modelVersion</td> <td>cdml:ReportModelVersionType</td> <td>required</td> </tr> <tr> <td></td> <td>Report specification version number</td> <td></td> </tr> <tr> <td>version</td> <td>cdml:ReportVersionType</td> <td>optional</td> </tr> <tr> <td></td> <td>Report content version number</td> <td></td> </tr> </tbody> </table> | QName    | Type | Use | generationDateTime | cdml:ReportGenerationDateTime | optional |  | Report generation timestamp |  | modelVersion | cdml:ReportModelVersionType | required |  | Report specification version number |  | version | cdml:ReportVersionType | optional |  | Report content version number |  |
| QName              | Type   | Use      |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
| generationDateTime | cdml:ReportGenerationDateTime  | optional |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
|                    | Report generation timestamp  |          |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
| modelVersion       | cdml:ReportModelVersionType  | required |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
|                    | Report specification version number  |          |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
| version            | cdml:ReportVersionType   | optional |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
|                    | Report content version number  |          |      |     |                    |                               |          |  |                             |  |              |                             |          |  |                                     |  |         |                        |          |  |                               |  |
| Source             | <pre>&lt;complexType name="CDMLReportType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Base type for all CDML reports&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;sequence&gt;     &lt;element name="reportDate" type="cdml:ReportDateType" minOccurs="1" maxOccurs="1"&gt;       &lt;annotation&gt;         &lt;documentation&gt;Business date on which the report data is valid&lt;/documentation&gt;       &lt;/annotation&gt;     &lt;/element&gt;     &lt;element name="intraday" type="boolean" minOccurs="0" maxOccurs="1" default="false"&gt;       &lt;annotation&gt;</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 | <ul style="list-style-type: none"> <li>token <ul style="list-style-type: none"> <li>cdml:AlphanumericIdType</li> <li>cdml:AmountTypeType</li> </ul> </li> </ul>  |           |   |           |     |
| 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> &lt;simpleType name="AmountTypeType"&gt; &lt;annotation&gt; &lt;documentation&gt;Identifier for given monetary amount&lt;/documentation&gt; &lt;/annotation&gt; &lt;restriction base="cdml:AlphanumericIdType"&gt; &lt;minLength value="1"/&gt; &lt;maxLength value="128"/&gt; &lt;/restriction&gt; &lt;/simpleType&gt; </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:CCPIdType, cdml:MemberIdType, cdml:SegregationAccountType, cdml:TradeIdType   |
| Source      | <pre> &lt;simpleType name="AlphanumericIdType"&gt; &lt;annotation&gt; &lt;documentation&gt;Non empty identifier&lt;/documentation&gt; &lt;/annotation&gt; &lt;restriction base="token"/&gt; &lt;/simpleType&gt; </pre> |

## Simple Type cdml:AmountType

|             |  |
|-------------|--|
| Namespace   | urn:cdml:schema:common:types   |
| Annotations | A monetary amount  |
| Diagram     | <p>A monetary amount<br/>Built-in primitive type. The double datatype corresponds to IEEE double-precision 64-bit floating point type [IEEE...]</p>  |
| Type        | double   |
| Used by     | Attribute cdml:TypedAmountType/@amount   |
| Source      | <pre>&lt;simpleType name="AmountType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;A monetary amount&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;restriction base="double"/&gt; &lt;/simpleType&gt;</pre> |

## Simple Type cdml:CurrencyType

|             |  |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |
|-------------|--|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|
| Namespace   | urn:cdml:schema:common:types   |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |
| Annotations | ISO 4217 currency code   |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |
| Diagram     | <p>ISO 4217 currency code<br/>Built-in primitive type. The string datatype represents character strings in XML.</p>  |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |             |     |
| 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 |
| 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 | 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> &lt;simpleType name="CurrencyType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;ISO 4217 currency code&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;restriction base="string"&gt;     &lt;enumeration values="AED"/&gt;     &lt;enumeration values="AFN"/&gt;     &lt;enumeration value="ALL"/&gt;     &lt;enumeration values="AMD"/&gt;     &lt;enumeration value="ANG"/&gt;     &lt;enumeration values="AOA"/&gt;     &lt;enumeration values="ARS"/&gt;     &lt;enumeration value="AUD"/&gt;     &lt;enumeration values="AWG"/&gt;     &lt;enumeration value="AZN"/&gt;     &lt;enumeration values="BAM"/&gt;     &lt;enumeration values="BBD"/&gt;     &lt;enumeration value="BDT"/&gt;     &lt;enumeration values="BGN"/&gt;     &lt;enumeration value="BHD"/&gt;     &lt;enumeration values="BIF"/&gt;     &lt;enumeration values="BMD"/&gt;     &lt;enumeration values="BND"/&gt;     &lt;enumeration values="BOB"/&gt;     &lt;enumeration value="BOV"/&gt;     &lt;enumeration values="BRL"/&gt;     &lt;enumeration values="BSD"/&gt;     &lt;enumeration values="BTN"/&gt;     &lt;enumeration values="BWP"/&gt;     &lt;enumeration value="BYR"/&gt;     &lt;enumeration values="BZD"/&gt;     &lt;enumeration values="CAD"/&gt;     &lt;enumeration values="CDF"/&gt;     &lt;enumeration values="CHE"/&gt;     &lt;enumeration value="CHF"/&gt;     &lt;enumeration values="CHW"/&gt;     &lt;enumeration values="CLF"/&gt;     &lt;enumeration values="CLP"/&gt;     &lt;enumeration values="CNY"/&gt;     &lt;enumeration value="COP"/&gt;     &lt;enumeration values="COU"/&gt;     &lt;enumeration values="CRC"/&gt;     &lt;enumeration values="CUC"/&gt;     &lt;enumeration values="CUP"/&gt;     &lt;enumeration value="CVE"/&gt;     &lt;enumeration values="CZK"/&gt;     &lt;enumeration values="DJF"/&gt;     &lt;enumeration values="DKK"/&gt;     &lt;enumeration values="DOP"/&gt;     &lt;enumeration value="DZD"/&gt;     &lt;enumeration values="EGP"/&gt;     &lt;enumeration value="ERN"/&gt;     &lt;enumeration values="ETB"/&gt;     &lt;enumeration values="EUR"/&gt;     &lt;enumeration value="FJD"/&gt;     &lt;enumeration values="FKP"/&gt;     &lt;enumeration value="GBP"/&gt;     &lt;enumeration values="GEL"/&gt;     &lt;enumeration values="GHS"/&gt;     &lt;enumeration value="GIP"/&gt;     &lt;enumeration values="GMD"/&gt;     &lt;enumeration value="GNF"/&gt;     &lt;enumeration values="GTQ"/&gt;     &lt;enumeration values="GYD"/&gt;     &lt;enumeration value="HKD"/&gt;     &lt;enumeration values="HNL"/&gt;     &lt;enumeration value="HRK"/&gt;     &lt;enumeration values="HTG"/&gt;     &lt;enumeration values="HUF"/&gt;     &lt;enumeration value="IDR"/&gt;     &lt;enumeration values="ILS"/&gt;     &lt;enumeration value="INR"/&gt;     &lt;enumeration values="IQD"/&gt;     &lt;enumeration values="IRR"/&gt;     &lt;enumeration value="ISK"/&gt;   &lt;/restriction&gt; &lt;/simpleType&gt;</pre> |   |

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<enumeration value="MRO"/>
<enumeration value="MUR"/>
<enumeration value="MVR"/>
<enumeration value="MWK"/>
<enumeration value="MXN"/>
<enumeration value="MXV"/>
<enumeration value="MYR"/>
<enumeration value="MZN"/>
<enumeration value="NAD"/>
<enumeration value="NGN"/>
<enumeration value="NIO"/>
<enumeration value="NOK"/>
<enumeration value="NPR"/>
<enumeration value="NZD"/>
<enumeration value="OMR"/>
<enumeration value="PAB"/>
<enumeration value="PEN"/>
<enumeration value="PGK"/>
<enumeration value="PHP"/>
<enumeration value="PKR"/>
<enumeration value="PLN"/>
<enumeration value="PYG"/>
<enumeration value="QAR"/>
<enumeration value="RON"/>
<enumeration value="RSD"/>
<enumeration value="RUB"/>
<enumeration value="RWF"/>
<enumeration value="SAR"/>
<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"/>
```

```

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

```

## Simple Type cdml:TradeIdType

|                |   |           |   |           |     |
|----------------|---|-----------|---|-----------|-----|
| Namespace      | urn:cdml:schema:common:types  |           |   |           |     |
| Annotations    | Arbitrary trade identifier  |           |   |           |     |
| Diagram        | <pre> classDiagram     class TradeIdType     class AlphanumericIdType     TradeIdType &lt; -- AlphanumericIdType     TradeIdType "1..2" *-- "*" AlphanumericIdType : Non empty identifier     AlphanumericIdType "1..2" *-- "*" TradeIdType : Arbitrary trade identifier   </pre>   |           |   |           |     |
| Type           | restriction of cdml:AlphanumericIdType  |           |   |           |     |
| Type hierarchy | <ul style="list-style-type: none"> <li>token</li> <li>cdml:AlphanumericIdType</li> <li>cdml:TradeIdType</li> </ul>  |           |   |           |     |
| 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> &lt;simpleType name="TradeIdType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Arbitrary trade identifier&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;restriction base="cdml:AlphanumericIdType"&gt;     &lt;minLength value="1"/&gt;     &lt;maxLength value="256"/&gt;   &lt;/restriction&gt; &lt;/simpleType&gt; </pre> |           |   |           |     |

## Simple Type cdml:CCPIdType

|                |   |           |   |
|----------------|---|-----------|---|
| Namespace      | urn:cdml:schema:common:types  |           |   |
| Annotations    | CCP Identifier  |           |   |
| Diagram        | <pre> classDiagram     class CCPIdType     class AlphanumericIdType     CCPIdType &lt; -- AlphanumericIdType     CCPIdType "1..2" *-- "*" AlphanumericIdType : Non empty identifier     AlphanumericIdType "1..2" *-- "*" CCPIdType : CCP Identifier   </pre> |           |   |
| Type           | restriction of cdml:AlphanumericIdType  |           |   |
| Type hierarchy | <ul style="list-style-type: none"> <li>token</li> <li>cdml:AlphanumericIdType</li> <li>cdml:CCPIdType</li> </ul>  |           |   |
| 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>&lt;simpleType name="CCPIdType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;CCP Identifier&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;restriction base="cdml:AlphanumericIdType"&gt;     &lt;minLength value="1"/&gt;     &lt;maxLength value="64"/&gt;   &lt;/restriction&gt; &lt;/simpleType&gt;</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      | <table border="1"> <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   |  |           |   |           |    |
| Used by     | Element cdml-tv:TradeElementsGroup/cdml-tv:clearingService   |  |           |   |           |    |
| Source      | <pre>&lt;simpleType name="ClearingServiceType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;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&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;restriction base="string"&gt;     &lt;minLength value="1"/&gt;     &lt;maxLength value="32"/&gt;   &lt;/restriction&gt; &lt;/simpleType&gt;</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 | <ul style="list-style-type: none"> <li>token</li> <li>cdml:AlphanumericIdType</li> <li>cdml:MemberIdType</li> </ul>  |  |           |   |           |     |
| Facets         | <table border="1"> <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:memberId  |  |           |   |           |     |
| Source         | <pre>&lt;simpleType name="MemberIdType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Member identifier, as defined by the counterparty organization&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;restriction base="cdml:AlphanumericIdType"&gt;     &lt;minLength value="1"/&gt;     &lt;maxLength value="256"/&gt;   &lt;/restriction&gt; &lt;/simpleType&gt;</pre> |  |           |   |           |     |

## Simple Type cdml:AccountIdType

|                |  |           |   |           |    |
|----------------|--|-----------|---|-----------|----|
| Namespace      | urn:cdml:schema:common:types   |           |   |           |    |
| Annotations    | Account Identifier   |           |   |           |    |
| Diagram        | <pre> classDiagram     class AccountIdType     class cdml::AlphanumericIdType     AccountIdType "1..&gt;" cdml::AlphanumericIdType     AccountIdType &lt; --&gt; "Non empty identifier"   </pre>   |           |   |           |    |
| Type           | restriction of cdml:AlphanumericIdType   |           |   |           |    |
| Type hierarchy | <ul style="list-style-type: none"> <li>token           <ul style="list-style-type: none"> <li>cdml:AlphanumericIdType</li> <li>cdml:AccountIdType</li> </ul> </li> </ul>   |           |   |           |    |
| 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> &lt;simpleType name="AccountIdType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Account Identifier&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;restriction base="cdml:AlphanumericIdType"&gt;     &lt;minLength value="1"/&gt;     &lt;maxLength value="64"/&gt;   &lt;/restriction&gt; &lt;/simpleType&gt;   </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     | <pre> classDiagram     class SegregationTypeType     class string     SegregationTypeType &lt; --&gt; string   </pre> <p>The use of SegregationTypeType is deprecated. Future versions of the CDML specification may remove this datatype....</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>  |             |        |             |       |
| 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> &lt;simpleType name="SegregationTypeType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;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.&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;restriction base="string"&gt;     &lt;enumeration value="CLIENT"/&gt;     &lt;enumeration value="HOUSE"/&gt;   &lt;/restriction&gt; &lt;/simpleType&gt;   </pre> |             |        |             |       |

## Simple Type cdml:SegregationAccountType

|                |   |
|----------------|---|
| Namespace      | urn:cdml:schema:common:types  |
| Diagram        | <pre> classDiagram     class SegregationAccountType     class cdml::AlphanumericIdType     SegregationAccountType "1..&gt;" cdml::AlphanumericIdType     SegregationAccountType &lt; --&gt; "Non empty identifier"   </pre> |
| Type           | restriction of cdml:AlphanumericIdType  |
| Type hierarchy | <ul style="list-style-type: none"> <li>token</li> </ul>   |

|           |  |           |   |           |    |
|-----------|--|-----------|---|-----------|----|
|           | <ul style="list-style-type: none"> <li>cdml:AlphanumericIdType</li> <li>cdml:SegregationAccountType</li> </ul>   |           |   |           |    |
| 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:segregationAccount  |           |   |           |    |
| Source    | <pre>&lt;simpleType name="SegregationAccountType"&gt;   &lt;restriction base="cdml:AlphanumericIdType"&gt;     &lt;minLength value="1"/&gt;     &lt;maxLength value="64"/&gt;   &lt;/restriction&gt; &lt;/simpleType&gt;</pre> |           |   |           |    |

### Simple Type cdml:ReportDateTimeType

|           |  |
|-----------|--|
| Namespace | urn:cdml:schema:common:types   |
| Diagram   | <p>The diagram shows a class named "ReportDateTimeType" with a hollow diamond symbol indicating it is derived from another class. A line connects "ReportDateTimeType" to a class named "date". A callout box points to the "date" class with the text: "Built-in primitive type. The date datatype represents a calendar date."</p> |
| Type      | date   |
| Used by   | Element cdml:CDMLReportType/cdml:reportDate  |
| Source    | <pre>&lt;simpleType name="ReportDateTimeType"&gt;   &lt;restriction base="date"/&gt; &lt;/simpleType&gt;</pre>   |

### Simple Type cdml:ReportModelVersionType

|           |   |
|-----------|---|
| Namespace | urn:cdml:schema:common:types  |
| Diagram   | <p>The diagram shows a class named "ReportModelVersionType" with a hollow diamond symbol indicating it is derived from another class. A line connects "ReportModelVersionType" to a class named "short". A callout box points to the "short" class with the text: "Built-in derived type. The short datatype is derived from int by setting the value of maxInclusive to be 32767 and..."</p> |
| Type      | restriction of short  |
| Facets    | minInclusive 0  |
| Used by   | Attribute cdml:CDMLReportType/@modelVersion   |
| Source    | <pre>&lt;simpleType name="ReportModelVersionType"&gt;   &lt;restriction base="short"&gt;     &lt;minInclusive value="0"/&gt;   &lt;/restriction&gt; &lt;/simpleType&gt;</pre>   |

### Simple Type cdml:ReportVersionType

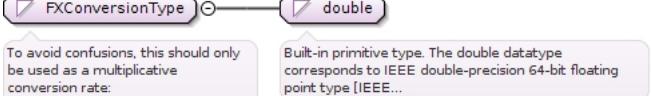
|           |   |
|-----------|---|
| Namespace | urn:cdml:schema:common:types  |
| Diagram   | <p>The diagram shows a class named "ReportVersionType" with a hollow diamond symbol indicating it is derived from another class. A line connects "ReportVersionType" to a class named "int". A callout box points to the "int" class with the text: "Built-in derived type. The int datatype is derived from long by setting the value of maxInclusive to be 2147483647 and..."</p> |
| Type      | restriction of int  |
| Facets    | minInclusive 0  |
| Used by   | Attribute cdml:CDMLReportType/@version  |
| Source    | <pre>&lt;simpleType name="ReportVersionType"&gt;   &lt;restriction base="int"&gt;     &lt;minInclusive value="0"/&gt;   &lt;/restriction&gt; &lt;/simpleType&gt;</pre>  |

### Simple Type cdml:ReportGenerationDateTimeType

|           |                              |
|-----------|------------------------------|
| Namespace | urn:cdml:schema:common:types |
|-----------|------------------------------|

|         |  |
|---------|--|
| Diagram |    |
| Type    | dateTime   |
| Used by | Attribute cdml:CDMLReportType/@generationDateTime  |
| Source  | <pre>&lt;simpleType name="ReportGenerationDateTimeType"&gt;   &lt;restriction base="dateTime"/&gt; &lt;/simpleType&gt;</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>&lt;simpleType name="FXConversionType"&gt;   &lt;annotation&gt;     &lt;documentation&gt;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&lt;/documentation&gt;   &lt;/annotation&gt;   &lt;restriction base="double"&gt;     &lt;minExclusive value="0.0" /&gt;   &lt;/restriction&gt; &lt;/simpleType&gt;</pre> |

Namespace: ""

### Attribute(s)

#### Attribute cdml:AttributeType / @key

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

#### Attribute cdml:AttributeType / @value

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

#### Attribute cdml:TypedAmountType / @type

|                |   |
|----------------|---|
| Namespace      | No namespace  |
| Type           | cdml:AmountTypeType   |
| Type hierarchy | <ul style="list-style-type: none"> <li>• token           <ul style="list-style-type: none"> <li>• cdml:AlphanumericIdType</li> <li>• cdml:AmountTypeType</li> </ul> </li> </ul> |

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

#### **Attribute cdml:TypedAmountType / @amount**

|            |  |
|------------|--|
| Namespace  | No namespace   |
| Type       | cdml:AmountType  |
| Properties | use: required  |
| Used by    | Complex Type   |
| 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 | XPD |
| enumeration | XPF |
| enumeration | XPT |
| enumeration | XTS |
| enumeration | XXX |
| enumeration | YER |
| enumeration | ZAR |
| enumeration | ZMW |

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

### 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      | <pre>&lt;attribute name="settleDate" type="date" use="optional"&gt;   &lt;annotation&gt;     &lt;documentation&gt;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&lt;/documentation&gt;   &lt;/annotation&gt; &lt;/attribute&gt;</pre> |  |

### Attribute cdml-tv:ValuationType / @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 | XPD |
| enumeration | XPF |
| enumeration | XPT |

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

#### **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>&lt;attribute name="modelVersion" type="cdml:ReportModelVersionType" use="required"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Report specification version number&lt;/documentation&gt;   &lt;/annotation&gt; &lt;/attribute&gt;</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>&lt;attribute name="version" type="cdml:ReportVersionType" use="optional"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Report content version number&lt;/documentation&gt;   &lt;/annotation&gt; &lt;/attribute&gt;</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>&lt;attribute name="generationDateTime" type="cdml:ReportGenerationDateTimeType" use="optional"&gt;   &lt;annotation&gt;     &lt;documentation&gt;Report generation timestamp&lt;/documentation&gt;   &lt;/annotation&gt; &lt;/attribute&gt;</pre> |                     |