



Financial products Markup Language

FpML 4.0 - Main Component Definitions

Version: 4.2

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1 Global Elements

1.1 FpML

1.1.1 Description:

The FpML element forms the root for any conforming FpML instance document. The actual structure of the document is determined by setting the 'type' attribute to an appropriate derived subtype of the complex type Document.

1.1.2 Contents:

Element FpML is defined by the complex type Document

1.1.3 Used by:

1.1.4 Substituted by:

1.1.5 Figure:



1.1.6 Schema Fragment:

```
<xsd:element name="FpML" type="Document">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The FpML element forms the root for any conforming FpML instance
      document. The actual structure of the document is determined by
      setting the 'type' attribute to an appropriate derived subtype of
      the complex type Document.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
```

2 Global Complex Types

2.1 ValuationDocument

2.1.1 Description:

A type defining a content model that includes valuation (pricing and risk) data without expressing any processing intention.

2.1.2 Contents:

Inherited element(s): (This definition inherits the content defined by the type DataDocument)

- A type defining a content model that is backwards compatible with older FpML releases and which can be used to contain sets of data without expressing any processing intention.

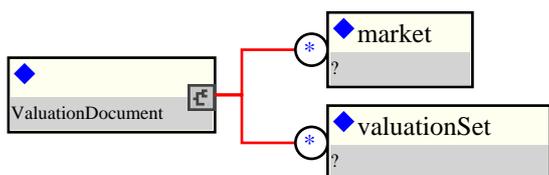
market (zero or more occurrences; of the type Market) This is a global element used for creating global types. It holds Market information, e.g. curves, surfaces, quotes, etc.

valuationSet (zero or more occurrences; of the type ValuationSet)

2.1.3 Used by:

2.1.4 Derived Types:

2.1.5 Figure:



2.1.6 Schema Fragment:

```
<xsd:complexType name="ValuationDocument">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A type defining a content model that includes valuation (pricing
      and risk) data without expressing any processing intention.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:complexContent>
    <xsd:extension base="DataDocument">
      <xsd:sequence>
        <xsd:element ref="market" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element ref="valuationSet" minOccurs="0" maxOccurs="unbounded"/>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
```

3 Schema listing

```
<xsd:schema targetNamespace="http://www.fpml.org/2005/FpML-4-2" elementFormDefault="qualified"
  <xsd:include schemaLocation="fpml-fx-4-2.xsd"/>
  <xsd:include schemaLocation="fpml-ird-4-2.xsd"/>
  <xsd:include schemaLocation="fpml-eqd-4-2.xsd"/>
  <xsd:include schemaLocation="fpml-return-swaps-4-2.xsd"/>
  <xsd:include schemaLocation="fpml-cd-4-2.xsd"/>
  <xsd:include schemaLocation="fpml-valuation-4-2.xsd"/>
  <xsd:include schemaLocation="fpml-pretrade-4-2.xsd"/>
  <xsd:include schemaLocation="fpml-tradeexec-4-2.xsd"/>
  <xsd:include schemaLocation="fpml-posttrade-4-2.xsd"/>
  <xsd:include schemaLocation="fpml-reporting-4-2.xsd"/>
  <xsd:include schemaLocation="fpml-cashflow-matching-4-2.xsd"/>
  <xsd:complexType name="ValuationDocument">
    <xsd:annotation>
      <xsd:documentation xml:lang="en">
        A type defining a content model that includes valuation
        (pricing and risk) data without expressing any processing
        intention.
      </xsd:documentation>
    </xsd:annotation>
    <xsd:complexContent>
      <xsd:extension base="DataDocument">
        <xsd:sequence>
          <xsd:element ref="market" minOccurs="0" maxOccurs="unbounded"/>
          <xsd:element ref="valuationSet" minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:extension>
    </xsd:complexContent>
  </xsd:complexType>
  <xsd:element name="FpML" type="Document">
    <xsd:annotation>
      <xsd:documentation xml:lang="en">
        The FpML element forms the root for any conforming FpML
        instance document. The actual structure of the document is
        determined by setting the 'type' attribute to an appropriate
        derived subtype of the complex type Document.
      </xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:schema>
```