|  |  |
| --- | --- |
| **XSD** | **CMF** |
| **Complex content**  <xs:complexType name="PersonNameType">  <xs:annotation>  <xs:documentation>A data type for a combination...  </xs:annotation>  <xs:complexContent>  <xs:extension base="structures:ObjectType">  <xs:sequence>  <xs:element ref="nc:PersonGivenName" minOccurs="0"  <xs:element ref="nc:PersonMiddleName" minOccurs="0  <xs:element ref="nc:PersonSurName" minOccurs="0" m  </xs:sequence>  <xs:attribute ref="nc:personNameCommentText" use="op  </xs:extension>  </xs:complexContent>  </xs:complexType> | <Class structures:uri="nc:PersonNameType">  <Name>PersonNameType</Name>  <Namespace structures:uri="nc" xsi:nil="true"/>  <DefinitionText>A data type for a combination  <HasProperty mm:maxOccursQuantity="unbounded"  <Property structures:uri="nc:PersonGivenName  </HasProperty>  <HasProperty mm:maxOccursQuantity="unbounded"  <Property structures:uri="nc:PersonMiddleNam  </HasProperty>  <HasProperty mm:maxOccursQuantity="unbounded"  <Property structures:uri="nc:PersonSurName"  </HasProperty>  <HasProperty mm:minOccursQuantity="0">  <Property structures:uri="nc:personNameComme  </HasProperty>  </Class> |
| **Simple content, restriction, with attributes**  <xs:simpleType name="EmploymentPositionBasisCodeSimple  <xs:annotation>  <xs:documentation>A data type for a nature or  </xs:annotation>  <xs:restriction base="xs:token">  <xs:enumeration value="contractor"/>  <xs:enumeration value="non-permanent"/>  <xs:enumeration value="permanent"/>  </xs:restriction>  </xs:simpleType>  <xs:complexType name="EmploymentPositionBasisCodeType"  <xs:annotation>  <xs:documentation>A data type for a nature or  </xs:annotation>  <xs:simpleContent>  <xs:extension base="nc:EmploymentPositionBasisCode  <xs:attributeGroup ref="structures:SimpleObjectA  <xs:attribute ref="nc:foo"/>  </xs:extension>  </xs:simpleContent>  </xs:complexType> | <Class structures:uri="nc:EmploymentPositionBasisCodeType">  <Name>EmploymentPositionBasisCodeType</Name>  <Namespace structures:uri="nc" xsi:nil="true"/>  <DefinitionText>A data type for a nature or durat  <HasValue structures:uri="nc:EmploymentPositionBa  <HasProperty mm:minOccursQuantity="0">  <Property structures:uri="nc:foo" xsi:nil="true"/>  </HasProperty>  </Class>  <Datatype structures:uri="nc:EmploymentPositionBasi  <Name>EmploymentPositionBasisCodeSimpleType</Name>  <Namespace structures:uri="nc" xsi:nil="true"/>  <DefinitionText>A data type for a nature or durat  <RestrictionOf>  <Datatype structures:uri="xs:token" xsi:nil="tr  <Enumeration>  <StringValue>contractor</StringValue>  </Enumeration>  <Enumeration>  <StringValue>non-permanent</StringValue>  </Enumeration>  <Enumeration>  <StringValue>permanent</StringValue>  </Enumeration>  </RestrictionOf>  </Datatype> |
| **Simple content, restriction, without attributes**  <xs:simpleType name="EmploymentPositionBasisCodeSimple  <xs:annotation>  <xs:documentation>A data type for a nature or  </xs:annotation>  <xs:restriction base="xs:token">  <xs:enumeration value="contractor"/>  <xs:enumeration value="non-permanent"/>  <xs:enumeration value="permanent"/>  </xs:restriction>  </xs:simpleType>  <xs:complexType name="EmploymentPositionBasisCodeType"  <xs:annotation>  <xs:documentation>A data type for a nature or  </xs:annotation>  <xs:simpleContent>  <xs:extension base="nc:EmploymentPositionBasisCode  <xs:attributeGroup ref="structures:SimpleObjectA  </xs:extension>  </xs:simpleContent>  </xs:complexType> | <Datatype structures:uri="nc:EmploymentPositionBasisCodeType">  <Name>EmploymentPositionBasisCodeType</Name>  <Namespace structures:uri="nc" xsi:nil="true"/>  <DefinitionText>A data type for a nature or duration of the  <RestrictionOf>  <Datatype structures:uri="xs:token" xsi:nil="true"/>  <Enumeration>  <StringValue>contractor</StringValue>  </Enumeration>  <Enumeration>  <StringValue>non-permanent</StringValue>  </Enumeration>  <Enumeration>  <StringValue>permanent</StringValue>  </Enumeration>  </RestrictionOf>  </Datatype> |
| **SimpleContent, extending a proxy type (empty restriction)**  <xs:complexType name="PercentType">  <xs:annotation>  <xs:documentation>A data type for a ratio, proper  </xs:annotation>  <xs:simpleContent>  <xs:extension base="niem-xs:decimal"/>  </xs:simpleContent>  </xs:complexType> | <Datatype structures:uri="nc:PercentType">  <Name>PercentType  <Namespace structures:uri="nc"  <DefinitionText>  <RestrictionOf>  <Datatype structures:uri="xs:decimal"/>  </RestrictionOf>  </Datatype> |
| **SimpleContent, extending a non-proxy type (empty restriction)**  <xs:complexType name="SecretPercentType">  <xs:annotation>  <xs:documentation>A data type for a ratio, proper  </xs:annotation>  <xs:simpleContent>  <xs:extension base="nc:PercentType"/>  </xs:simpleContent>  </xs:complexType> | <Datatype structures:uri="nc:SecretPercentType">  <Name>SecretPercentType</Name>  <Namespace structures:uri="nc" xsi:nil="true"/>  <DefinitionText>A data type for a secret ratio, proper  <RestrictionOf>  <Datatype structures:uri="nc:PercentType" xsi:nil="true"/>  </RestrictionOf>  </Datatype> |
| **Simple content, list type**  <xs:simpleType name="TokenListSimpleType">  <xs:list itemType="xs:token"/>  </xs:simpleType>  <xs:complexType name="TokenListType">  <xs:simpleContent>  <xs:extension base="nc:TokenListSimpleType">  <xs:attributeGroup  ref="structures:SimpleObjectAttributeGroup"/>  </xs:extension>  </xs:simpleContent>  </xs:complexType> | <Datatype structures:uri="nc:TokenListType">  <Name>TokenListType</Name>  <Namespace structures:uri="nc" xsi:nil="true"/>  <ListOf structures:uri="xs:token" xsi:nil="true"/>  </Datatype> |
| **Simple content, union type**  <xs:simpleType name="UnionSimpleType">  <xs:union memberTypes="xs:decimal xs:float"/>  </xs:simpleType>  <xs:complexType name="UnionType">  <xs:simpleContent>  <xs:extension base="ns:UnionSimpleType">  <xs:attributeGroup  ref="structures:SimpleObjectAttributeGroup"/>  </xs:extension>  </xs:simpleContent>  </xs:complexType> | <Datatype structures:uri="ns:UnionType">  <Name>UnionType</Name>  <Namespace structures:uri="ns" xsi:nil="true"/>  <UnionOf>  <Datatype structures:uri="xs:decimal" xsi:nil="true"/>  <Datatype structures:uri="xs:float" xsi:nil="true"/>  </UnionOf>  </Datatype> |