```
<?xml version="1.0" encoding="utf-8"?>
<definitions xmlns="http://schemas.xmlsoap.org/wsdl/"
xmlns:conv="http://www.openuri.org/2002/04/soap/conversation/"
xmlns:cw="http://www.openuri.org/2002/04/wsdl/conversation/"
xmlns:http="http://schemas.xmlsoap.org/wsdl/http/"
xmlns:jms="http://www.openuri.org/2002/04/wsdl/jms/"
xmlns:mime="http://schemas.xmlsoap.org/wsdl/mime/"
xmlns:s="http://www.w3.org/2001/XMLSchema"
xmlns:s0="http://fsb.belgium.be/cmpe"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
targetNamespace="http://fsb.belgium.be/cmpe">
  <types>
    <s:schema xmlns:s="http://www.w3.org/2001/XMLSchema"
xmlns:cmp="http://fsb.belgium.be/cmpe/cmpe100"
xmlns:cmp2="http://fsb.belgium.be/cmpe/cmpe110"
xmlns:cmp3="http://fsb.belgium.be/cmpe/cmpe290"
xmlns:cmp4="http://fsb.belgium.be/cmpe/cmpe115"
xmlns:cmpe="http://fsb.belgium.be/cmpe"
xmlns:cmp5="http://fsb.belgium.be/cmpe/cmpe130"
xmlns:cmp6="http://fsb.belgium.be/cmpe/cmpe140" elementFormDefault="qualified"
targetNamespace="http://fsb.belgium.be/cmpe">
      <s:import namespace="http://fsb.belgium.be/cmpe/cmpe100"/>
      <s:import namespace="http://fsb.belgium.be/cmpe/cmpe110"/>
      <s:import namespace="http://fsb.belgium.be/cmpe/cmpe290"/>
      <s:import namespace="http://fsb.belgium.be/cmpe/cmpe115"/>
      <s:import namespace="http://fsb.belgium.be/cmpe/cmpe130"/>
      <s:import namespace="http://fsb.belgium.be/cmpe/cmpe140"/>
      <s:element name="acceptCmpe100Async">
        <s:complexType>
          <s:sequence>
            <s:element ref="cmp:cmpe100"/>
          </s:sequence>
        </s:complexType>
      </s:element>
      <s:element name="acceptCmpe100AsyncResponse">
        <s:complexType>
          <s:sequence>
            <s:element ref="cmp2:cmpe110"/>
          </s:sequence>
        </s:complexType>
      </s:element>
      <s:element name="acceptCmpe100Sync">
        <s:complexType>
          <s:sequence>
            <s:element ref="cmp:cmpe100"/>
          </s:sequence>
        </s:complexType>
      </s:element>
      <s:element name="acceptCmpe100SyncResponse">
        <s:complexType>
          <s:sequence>
            <s:element ref="cmp3:cmpe290"/>
          </s:sequence>
        </s:complexType>
      </s:element>
      <s:element name="getCmpe290">
        <s:complexType>
          <s:sequence>
            <s:element ref="cmp4:cmpe115"/>
          </s:sequence>
        </s:complexType>
      </s:element>
```

```
      <s:element name="getCmpe290Response">
        <s:complexType>
          <s:sequence>
            <s:element name="getCmpe290Result"
type="cmpe:ArrayOfCmpe290Document" minOccurs="0"/>
          </s:sequence>
        </s:complexType>
      </s:element>
      <s:element name="removeCmpe290">
        <s:complexType>
          <s:sequence>
            <s:element ref="cmp5:cmpe130"/>
          </s:sequence>
        </s:complexType>
      </s:element>
      <s:element name="removeCmpe290Response">
        <s:complexType>
          <s:sequence>
            <s:element ref="cmp6:cmpe140"/>
          </s:sequence>
        </s:complexType>
      </s:element>
      <s:complexType name="ArrayOfCmpe290Document">
        <s:sequence>
          <s:element ref="cmp3:cmpe290" minOccurs="0" maxOccurs="unbounded"/>
        </s:sequence>
      </s:complexType>
    </s:schema>
    <!-- edited with XMLSpy v2006 rel. 3 sp2 (http://www.altova.com) by Smals-
MvM vzw (Smals-MvM vzw) -->
    <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:cmpe100="http://fsb.belgium.be/cmpe/cmpe100"
xmlns:not="http://fsb.belgium.be/cmpe/notary"
xmlns:sub="http://fsb.belgium.be/cmpe/submittal"
xmlns:ent="http://fsb.belgium.be/cmpe/enterprise"
xmlns:adr="http://fsb.belgium.be/cmpe/address"
xmlns:acc="http://fsb.belgium.be/cmpe/account"
targetNamespace="http://fsb.belgium.be/cmpe/cmpe100"
elementFormDefault="qualified" attributeFormDefault="unqualified">
      <xs:annotation>
        <xs:documentation xml:lang="en">Schema version: 1.1
            Date: 2006-10-30
            Author: Tom Michiels</xs:documentation>
      </xs:annotation>
      <xs:import namespace="http://fsb.belgium.be/cmpe/notary"/>
      <xs:import namespace="http://fsb.belgium.be/cmpe/enterprise"/>
      <xs:import namespace="http://fsb.belgium.be/cmpe/address"/>
      <xs:import namespace="http://fsb.belgium.be/cmpe/account"/>
      <xs:element name="create">
        <xs:annotation>
          <xs:documentation xml:lang="en">The general form of an enterprise
used for creation in the KBO/BCE.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="ent:soc_juridical_form">
              <xs:annotation>
                <xs:documentation xml:lang="en">The juridical form of the
enterprise.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="ent:soc_name" maxOccurs="unbounded">
              <xs:annotation>
```

```
                <xs:documentation xml:lang="en">The name of the
enterprise.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="ent:begin_date">
              <xs:annotation>
                <xs:documentation xml:lang="en">The date when the company was
created.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="soc_official_address" type="adr:foreign-
addressType">
              <xs:annotation>
                <xs:documentation xml:lang="en">The official address of the
enterprise.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="acc:bankaccount" minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">The bank account of the
enterprise.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="ent:soc_capital" minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">The capital of the
enterprise.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="ent:monetary_unit" minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">The monetary unit in which the
capital is denoted.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="ent:soc_duration" minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">The duration of
...(?)</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="cmpe100">
        <xs:annotation>
          <xs:documentation xml:lang="en">The CMPE-100 message. This message is
sent by the notaries to the FSB
                and contains the required information for the creation of an
enterprise.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="not:notary"/>
            <xs:element ref="cmpe100:create"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:schema>
        <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:cmpe110="http://fsb.belgium.be/cmpe/cmpe110"
xmlns:not="http://fsb.belgium.be/cmpe/notary"
xmlns:ack="http://fsb.belgium.be/cmpe/acknowledgement"
```

```
xmlns:sub="http://fsb.belgium.be/cmpe/submittal"
xmlns:ent="http://fsb.belgium.be/cmpe/enterprise"
targetNamespace="http://fsb.belgium.be/cmpe/cmpe110"
elementFormDefault="qualified" attributeFormDefault="unqualified">
      <xs:annotation>
        <xs:documentation xml:lang="en">Schema version: 1.1
            Date: 2006-10-30
            Author: Tom Michiels</xs:documentation>
      </xs:annotation>
      <xs:import namespace="http://fsb.belgium.be/cmpe/notary"/>
      <xs:import namespace="http://fsb.belgium.be/cmpe/acknowledgement"/>
      <xs:import namespace="http://fsb.belgium.be/cmpe/enterprise"/>
      <xs:element name="cmpe110">
        <xs:annotation>
          <xs:documentation xml:lang="en">The CMPE-110 message. This message is
sent by the FSB in response to the
                CMPE-100 message from the notaries. It acknowledges successful
receipt of
                the CMPE-100 message.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="not:notary"/>
            <xs:element name="acknowledgement" type="ack:acknowledgement">
              <xs:annotation>
                <xs:documentation xml:lang="en">The acknowledgement contains a
unique ID which identifies this
                            successful submittal. It is this acknowledgement,
including its
                            unique ID, which will be passed on to all
subsequent CMPE messages
                            for unique identification of the
process.</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:schema>
        <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:cmpe290="http://fsb.belgium.be/cmpe/cmpe290"
xmlns:not="http://fsb.belgium.be/cmpe/notary"
xmlns:ack="http://fsb.belgium.be/cmpe/acknowledgement"
xmlns:ent="http://fsb.belgium.be/cmpe/enterprise"
xmlns:err="http://fsb.belgium.be/common/error"
xmlns:sub="http://fsb.belgium.be/cmpe/submittal"
targetNamespace="http://fsb.belgium.be/cmpe/cmpe290"
elementFormDefault="qualified" attributeFormDefault="unqualified">
      <xs:annotation>
        <xs:documentation xml:lang="en">Schema version: 1.1
            Date: 2006-10-30
            Author: Tom Michiels</xs:documentation>
      </xs:annotation>
      <xs:import namespace="http://fsb.belgium.be/cmpe/notary"/>
      <xs:import namespace="http://fsb.belgium.be/cmpe/acknowledgement"/>
      <xs:import namespace="http://fsb.belgium.be/cmpe/enterprise"/>
      <xs:import namespace="http://fsb.belgium.be/common/error"/>
      <xs:element name="cmpe290">
        <xs:annotation>
          <xs:documentation xml:lang="en">The CMPE-290 message.  The FSB
returns the message when the synchronous
                webservice is used. The FSB will queue the CMPE-290 messages
when the
```

```
                asynchronous webservice is used and when a timeout occurs when
the synchronous
                webservice is used. The notaries can retrieve them through a
special web service operation.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="messageId" type="xs:string"/>
            <xs:element ref="not:notary"/>
            <xs:element name="acknowledgement" type="ack:acknowledgement"/>
            <xs:choice>
              <xs:element name="soc_enterprise_nb"
type="ent:enterprise_number"/>
              <xs:element ref="err:error"/>
            </xs:choice>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:schema>
        <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:cmpe115="http://fsb.belgium.be/cmpe/cmpe115"
xmlns:not="http://fsb.belgium.be/cmpe/notary"
xmlns:ack="http://fsb.belgium.be/cmpe/acknowledgement"
targetNamespace="http://fsb.belgium.be/cmpe/cmpe115"
elementFormDefault="qualified" attributeFormDefault="unqualified">
      <xs:annotation>
        <xs:documentation xml:lang="en">Schema version: 1.1
            Date: 2006-10-30
            Author: Tom Michiels</xs:documentation>
      </xs:annotation>
      <xs:import namespace="http://fsb.belgium.be/cmpe/notary"/>
      <xs:import namespace="http://fsb.belgium.be/cmpe/acknowledgement"/>
      <xs:element name="cmpe115">
        <xs:annotation>
          <xs:documentation xml:lang="en">The CMPE-115C message. This is
required to retrieve CMPE-290 messages</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="not:notary"/>
            <xs:element name="acknowledgement" type="ack:acknowledgement"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:schema>
        <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:cmpe130="http://fsb.belgium.be/cmpe/cmpe130"
xmlns:not="http://fsb.belgium.be/cmpe/notary"
xmlns:ack="http://fsb.belgium.be/cmpe/acknowledgement"
targetNamespace="http://fsb.belgium.be/cmpe/cmpe130"
elementFormDefault="qualified" attributeFormDefault="unqualified">
      <xs:annotation>
        <xs:documentation xml:lang="en">Schema version: 1.1
            Date: 2006-10-30
            Author: Tom Michiels</xs:documentation>
      </xs:annotation>
      <xs:import namespace="http://fsb.belgium.be/cmpe/notary"/>
      <xs:import namespace="http://fsb.belgium.be/cmpe/acknowledgement"/>
      <xs:element name="cmpe130">
        <xs:annotation>
          <xs:documentation xml:lang="en">The cmpe-130
message.</xs:documentation>
        </xs:annotation>
```

```
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="not:notary"/>
            <xs:element name="acknowledgement" type="ack:acknowledgement"/>
            <xs:element name="messageId" type="xs:string"
maxOccurs="unbounded"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:schema>
        <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:cmpe140="http://fsb.belgium.be/cmpe/cmpe140"
xmlns:not="http://fsb.belgium.be/cmpe/notary"
xmlns:err="http://fsb.belgium.be/common/error"
xmlns:ack="http://fsb.belgium.be/cmpe/acknowledgement"
targetNamespace="http://fsb.belgium.be/cmpe/cmpe140"
elementFormDefault="qualified" attributeFormDefault="unqualified">
      <xs:annotation>
        <xs:documentation xml:lang="en">Schema version: 1.1
            Date: 2006-10-30
            Author: Tom Michiels</xs:documentation>
      </xs:annotation>
      <xs:import namespace="http://fsb.belgium.be/cmpe/notary"/>
      <xs:import namespace="http://fsb.belgium.be/cmpe/acknowledgement"/>
      <xs:import namespace="http://fsb.belgium.be/common/error"/>
      <xs:element name="cmpe140">
        <xs:annotation>
          <xs:documentation xml:lang="en">The CMPE-140
message.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="not:notary"/>
            <xs:element name="acknowledgement" type="ack:acknowledgement"/>
            <xs:element name="messageId" type="xs:string"
maxOccurs="unbounded"/>
            <xs:element ref="err:error" minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:schema>
        <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:not="http://fsb.belgium.be/cmpe/notary"
xmlns:per="http://fsb.belgium.be/cmpe/person"
xmlns:ent="http://fsb.belgium.be/cmpe/enterprise"
xmlns:iso="http://fsb.belgium.be/common/isocodes"
targetNamespace="http://fsb.belgium.be/cmpe/notary"
elementFormDefault="qualified" attributeFormDefault="unqualified">
      <xs:annotation>
        <xs:documentation xml:lang="en">Schema version: 1.1
            Date: 2005-07-26
            Author: Ignaz Wanders</xs:documentation>
      </xs:annotation>
      <xs:import namespace="http://fsb.belgium.be/common/isocodes"/>
      <xs:import namespace="http://fsb.belgium.be/cmpe/person"/>
      <xs:import namespace="http://fsb.belgium.be/cmpe/enterprise"/>
      <xs:element name="notary">
        <xs:annotation>
          <xs:documentation xml:lang="en">The general identification of a
notary.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
```

```
            <xs:element name="office_id" type="xs:string">
              <xs:annotation>
                <xs:documentation xml:lang="en">The general ID of the notary.
It is this ID that the FSB will use
                            to identify a notary.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="lang" type="iso:language">
              <xs:annotation>
                <xs:documentation xml:lang="en">The language in which the
notary prefers to receive answers.
                            Note: KBO/BCE currently only recognizes "nl" and
"fr" as valid
                            languages.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="nrn" type="per:person_number">
              <xs:annotation>
                <xs:documentation xml:lang="en">The national registry number of
the notary.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="num_kbo_not" type="ent:enterprise_number">
              <xs:annotation>
                <xs:documentation xml:lang="en">The KBO/BCE enterprise number
of the notary.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="num_kbo_fed" type="ent:enterprise_number">
              <xs:annotation>
                <xs:documentation xml:lang="en">The KBO/BCE enterprise number
of the federation of notaries.</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:schema>
        <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:ent="http://fsb.belgium.be/cmpe/enterprise"
xmlns:iso="http://fsb.belgium.be/common/isocodes"
xmlns:adr="http://fsb.belgium.be/cmpe/address"
xmlns:per="http://fsb.belgium.be/cmpe/person"
targetNamespace="http://fsb.belgium.be/cmpe/enterprise"
elementFormDefault="qualified" attributeFormDefault="unqualified">
      <xs:annotation>
        <xs:documentation xml:lang="en">Schema version: 1.1
            Date: 2005-07-26
            Author: Ignaz Wanders</xs:documentation>
      </xs:annotation>
      <xs:import namespace="http://fsb.belgium.be/common/isocodes"/>
      <xs:import namespace="http://fsb.belgium.be/cmpe/address"/>
      <xs:import namespace="http://fsb.belgium.be/cmpe/person"/>
      <xs:simpleType name="enterprise_number">
        <xs:annotation>
          <xs:documentation xml:lang="en">The type definition of the number of
an enterprise.
                It is based on a string to avoid problems with leading zeroes.

                Validation rules:
                - The length is 10 digits, of which the last two are control
digits.
                - The first digit is either a zero or a one.
```

```
                - Let num1 = number(0:8) and num2 = number(8:10)
                - Then num2 = 97 - (num1 % 97)

                The modulus can not be captured in a regular expression, but
the
                basic check on the digits and the length are used in a regular
                expression to validate the enterprise
number.</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:string">
          <xs:pattern value="[01]\d{9}"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType name="kbo_monetary_unit">
        <xs:annotation>
          <xs:documentation xml:lang="en">The monetary unit (or currency) the
capital of an enterprise is expressed in.
                It is expressed using an KBO code for
currency.</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:string">
          <xs:pattern value="[A-Z]{2}|[A-Z]{3}"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:complexType name="contactType">
        <xs:annotation>
          <xs:documentation xml:lang="en">Contact information for an enterprise
consists of an e-mail address,
                        a phone number, and a fax number. This format is
based on the KBO
                        properties within an "address".</xs:documentation>
        </xs:annotation>
        <xs:sequence>
          <xs:element name="fax-number" type="xs:string" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">An optional facsimile number for
the address.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="phone-number" type="xs:string" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">An optional phone number for the
address.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="email" type="adr:emailType" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">An optional e-mail address for
the address.</xs:documentation>
            </xs:annotation>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
      <xs:element name="soc_juridical_form">
        <xs:annotation>
          <xs:documentation xml:lang="en">The enterprise's juridical form, as
defined using KBO/BCE codes.
                The codes are three-digit codes, and language independent.
                Examples:   014 = SA (fr) or NV (nl)
                            015 = SPRL (fr) or BVBA (nl)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
```

```
            <xs:pattern value="\d{3}"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="soc_capital">
        <xs:annotation>
          <xs:documentation xml:lang="en">The capital of an enterprise.
               This should be accompanied by a monetary
unit.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:decimal">
            <xs:minExclusive value="0"/>
            <xs:totalDigits value="15"/>
            <xs:fractionDigits value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="monetary_unit" type="ent:kbo_monetary_unit">
        <xs:annotation>
          <xs:documentation xml:lang="en">The monetary unit (or currency) the
capital of an enterprise is expressed in.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="soc_duration" type="xs:positiveInteger">
        <xs:annotation>
          <xs:documentation xml:lang="en">The duration of... (?), expressed in
years</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="financial_info">
        <xs:annotation>
          <xs:documentation xml:lang="en">This element contains financial
data</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="ent:soc_exercise_end"/>
            <xs:element ref="ent:begin_exceptional_exercise" minOccurs="0"/>
            <xs:element ref="ent:end_exceptional_exercise" minOccurs="0"/>
            <xs:element ref="ent:soc_assembly_date" minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="soc_name">
        <xs:annotation>
          <xs:documentation xml:lang="en">The name of an enterprise:
                    full name    maps onto code 001 in the KBO
                    short name   maps onto code 002 in the KBO
                    abbreviation maps onto code 003 in the KBO
               A name is language-dependent.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="soc_name_language_code" type="iso:language">
              <xs:annotation>
                <xs:documentation xml:lang="en">The language of the enterprise
name</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="soc_name_full" type="xs:string">
              <xs:annotation>
```

```
                <xs:documentation xml:lang="en">The full name of the
enterprise.
                            Corresponds to the code 001 in the
KBO/BCE.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="soc_name_short" type="xs:string" minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">The short name of the
enterprise.
                            Corresponds to the code 002 in the
KBO/BCE.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="soc_acronym" type="xs:string" minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">The abbreviation of the
enterprise.
                            Corresponds to the code 003 in the
KBO/BCE.</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="day">
        <xs:annotation>
          <xs:documentation xml:lang="en">The day of a month. This field must
be between 1 and 31.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="31"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="month">
        <xs:annotation>
          <xs:documentation xml:lang="en">The month of a year. This field must
be between 1 and 12.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:positiveInteger">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="12"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="year">
        <xs:annotation>
          <xs:documentation xml:lang="en">The year, including century
indication.

                Only years between 1800 and 2199 are accepted. These boundaries
are set
                arbitrarily and are only used to check for accidental major
typos.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:positiveInteger">
            <xs:minInclusive value="1800"/>
            <xs:maxInclusive value="2199"/>
```

```
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="soc_exercise_end">
        <xs:annotation>
          <xs:documentation xml:lang="en">The end of the accounting year is the
same for each year: only day
                and month required. There is no validation that the day within
that
                month is a valid date. Thus 30th February is accepted by the
schema.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="ent:day"/>
            <xs:element ref="ent:month"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="begin_exceptional_exercise" type="xs:date">
        <xs:annotation>
          <xs:documentation xml:lang="en">The begin date of the exceptional
exercise.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="end_exceptional_exercise" type="xs:date">
        <xs:annotation>
          <xs:documentation xml:lang="en">The end date of the exceptional
exercise.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="begin_date" type="xs:date">
        <xs:annotation>
          <xs:documentation xml:lang="en">The date when the company was
created.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="soc_assembly_date">
        <xs:annotation>
          <xs:documentation xml:lang="en">The annual assembly should take place
in a certain month of the year.
                The day within the month is not required. The year is not
required.
                If the day and/or year are provided, there is no validation
that it is
                a valid date. Thus 30th February 2005 is accepted by the
schema.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="ent:month"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="function">
        <xs:annotation>
          <xs:documentation xml:lang="en">People or enterprises can be
registered with an enterprise having a certain
                function.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="code">
```

```
              <xs:annotation>
                <xs:documentation xml:lang="en">The code of the function.

                            Function codes are five digits long, and identified
as "quality"
                            within a function.
                            Examples are: 00001  Founder (Fondateur/Oprichter)
                                          10002  Administrator
(Administrateur/Bestuurder)</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:pattern value="\d{5}"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="dt_begin" type="xs:date">
              <xs:annotation>
                <xs:documentation xml:lang="en">The start date of the validity
of the function.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="dt_end" type="xs:date" minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">The end date of the validity of
the function. This field is optional.
                            If the field is given, a corresponding stop code
must be provided.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="stop_code" minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">The stop code for a function is
mandatory if an end date is given.
                            the stop code defines the reason for ending the
function.
                            Stop codes are either a one-letter or a three-digit
code
                            Example stop codes are: A, B, C, D, E, F, X, 003,
004, 005, 010, ...</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:pattern value="[A-Z]"/>
                  <xs:pattern value="\d{3}"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:choice>
              <xs:annotation>
                <xs:documentation xml:lang="en">The function can be held by
either a person, or another enterprise</xs:documentation>
              </xs:annotation>
              <xs:element name="person">
                <xs:annotation>
                  <xs:documentation xml:lang="en">This element is used when the
function is held by a person</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="nrn" type="per:person_number">
                      <xs:annotation>
```

```
                        <xs:documentation xml:lang="en">The national registry
number of the person.</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                    <xs:element name="first_name" type="xs:string">
                      <xs:annotation>
                        <xs:documentation xml:lang="en">The first name of the
person.</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                    <xs:element name="last_name" type="xs:string">
                      <xs:annotation>
                        <xs:documentation xml:lang="en">The last name of the
person.</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                    <xs:element name="contact" type="ent:contactType"
minOccurs="0">
                      <xs:annotation>
                        <xs:documentation xml:lang="en">Information of contact
person.</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                    <xs:element name="foreign-address" type="adr:foreign-
addressType">
                      <xs:annotation>
                        <xs:documentation xml:lang="en">The address of the
person.</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
              <xs:element name="enterprise">
                <xs:annotation>
                  <xs:documentation xml:lang="en">This element is used when the
function is held by an enterprise</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="enterprise_num"
type="ent:enterprise_number">
                      <xs:annotation>
                        <xs:documentation xml:lang="en">The enterprise
number.</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                    <xs:element name="social_name" type="xs:string">
                      <xs:annotation>
                        <xs:documentation xml:lang="en">The name of the
enterprise.</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
            </xs:choice>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:schema>
        <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:adr="http://fsb.belgium.be/cmpe/address"
```

```
xmlns:iso="http://fsb.belgium.be/common/isocodes"
targetNamespace="http://fsb.belgium.be/cmpe/address"
elementFormDefault="qualified" attributeFormDefault="unqualified">
      <xs:annotation>
        <xs:documentation xml:lang="en">Schema version: 2.1
            Date: 2005-09-27
            Author: Ignaz Wanders</xs:documentation>
      </xs:annotation>
      <xs:import namespace="http://fsb.belgium.be/common/isocodes"/>
      <xs:simpleType name="emailType">
        <xs:annotation>
          <xs:documentation xml:lang="en">The general type definition of an e-
mail address. The (simplified)
               regular expression pattern  for an e-mail address that is used
               is (\w[\-._\w]*\w@\w[\-._\w]*\w\.\w{2,4})</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:string">
          <xs:pattern value="(\w[\-._\w]*\w@\w[\-._\w]*\w\.\w{2,4})"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType name="streetCodeType">
        <xs:annotation>
          <xs:documentation xml:lang="en">StreetCode must be compound of four
digits.</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:string">
          <xs:pattern value="\d{4}"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType name="nisCodeType">
        <xs:annotation>
          <xs:documentation xml:lang="en">NISCode must be compound of five
digits.</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:string">
          <xs:pattern value="\d{5}"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:complexType name="descriptionType">
        <xs:annotation>
          <xs:documentation xml:lang="en">The type definition of a container
for descriptive properties
                          of an address. These includes names of streets,
municipalities,
                          etc.

                          Descriptions are always language-
dependent.</xs:documentation>
        </xs:annotation>
        <xs:sequence>
          <xs:element name="street" type="xs:string" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">The street
name.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="municipality" type="xs:string" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">The name of the
municipality.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="country" type="xs:string" minOccurs="0">
```

```
            <xs:annotation>
              <xs:documentation xml:lang="en">The name of the
country.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="details" type="xs:string" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">Any additional details of the
address.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="language" type="iso:language" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">The language in which any textual
fields are expressed.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="state" type="xs:string" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">The description of a state in a
foreign country</xs:documentation>
            </xs:annotation>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
      <xs:complexType name="usageType">
        <xs:annotation>
          <xs:documentation xml:lang="en">The address usage. Used as a base
type.</xs:documentation>
        </xs:annotation>
      </xs:complexType>
      <xs:complexType name="kbo-usageType">
        <xs:annotation>
          <xs:documentation xml:lang="en">The address usage within the
KBO.</xs:documentation>
        </xs:annotation>
        <xs:complexContent>
          <xs:extension base="adr:usageType">
            <xs:sequence>
              <xs:element name="address-type" type="xs:string">
                <xs:annotation>
                  <xs:documentation xml:lang="en">The type of
address</xs:documentation>
                  <xs:documentation xml:lang="nl">Het type van het adres.
Voorbeelden:
                                001  Adres Maatschappelijke Zetel / Domicilie
                                002  Adres Vestigingseenheid
                                003  Bijhuis in BelgiÃ« voor buitenlandse
onderneming</xs:documentation>
                  <xs:documentation xml:lang="fr">Example:
                                001      Adresse du siÃ¨ge social / du Domicile
                                002      Adresse d'unitÃ© d'Ã©tablissement
                                003      Succursale d'une entreprise
Ã©trangÃ¨re</xs:documentation>
                </xs:annotation>
              </xs:element>
              <xs:element name="description" type="xs:string" minOccurs="0">
                <xs:annotation>
                  <xs:documentation xml:lang="en">The description of the type
of address</xs:documentation>
                </xs:annotation>
              </xs:element>
            </xs:sequence>
```

```
          </xs:extension>
        </xs:complexContent>
      </xs:complexType>
      <xs:complexType name="base-addressType">
        <xs:annotation>
          <xs:documentation xml:lang="en">The address type defines basic
properties that are valid for all
                        addresses, such as house number, postbox, and
postcode.</xs:documentation>
        </xs:annotation>
        <xs:sequence>
          <xs:element name="house-number" type="xs:string">
            <xs:annotation>
              <xs:documentation xml:lang="en">The house number. This is a
mandatory field. If no house number is
                        known, the letters ZN (Dutch: "zonder naam") should be
used.

                        Note: due to a limitation in the KBO/BCE, house numbers
may be truncated
                        to four characters, if the KBO/BCE is involved in a
server transaction.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="postbox" type="xs:string" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">The postbox is an optional
field.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="postcode" type="xs:string">
            <xs:annotation>
              <xs:documentation xml:lang="en">The postcode. This is a mandatory
field.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="country-code" type="iso:country">
            <xs:annotation>
              <xs:documentation xml:lang="en">The ISO country code of the
address. This field is mandatory.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="description" type="adr:descriptionType"
minOccurs="0" maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:complexType>
      <xs:complexType name="belgian-addressType">
        <xs:annotation>
          <xs:documentation xml:lang="en">The belgian-addressType is an address
                        and adds a few codes which uniquely define a Belgian
address.
                        These codes are NIS codes for municpalities, and
street codes
                        for streets. The use of codes makes the address
independent
                        of language.</xs:documentation>
        </xs:annotation>
        <xs:complexContent>
          <xs:extension base="adr:base-addressType">
            <xs:sequence>
              <xs:element name="streetcode" type="adr:streetCodeType"
minOccurs="0">
                <xs:annotation>
```

```
                  <xs:documentation xml:lang="en">The street
code.</xs:documentation>
                </xs:annotation>
              </xs:element>
              <xs:element name="niscode" type="adr:nisCodeType" minOccurs="0">
                <xs:annotation>
                  <xs:documentation xml:lang="en">The NIS code of the
municipality.</xs:documentation>
                </xs:annotation>
              </xs:element>
            </xs:sequence>
          </xs:extension>
        </xs:complexContent>
      </xs:complexType>
      <xs:complexType name="foreign-addressType">
        <xs:annotation>
          <xs:documentation xml:lang="en">A foreign address is an address
without
                          using codes for municipalities and streets, we are
                          forced to use descriptive text for those
fields.</xs:documentation>
        </xs:annotation>
        <xs:complexContent>
          <xs:extension base="adr:base-addressType"/>
        </xs:complexContent>
      </xs:complexType>
      <xs:complexType name="addressType">
        <xs:choice>
          <xs:element name="base-address" type="adr:base-addressType"/>
          <xs:element name="belgian-address" type="adr:belgian-addressType"/>
          <xs:element name="foreign-address" type="adr:foreign-addressType"/>
        </xs:choice>
      </xs:complexType>
    </xs:schema>
        <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:acc="http://fsb.belgium.be/cmpe/account"
xmlns:iso="http://fsb.belgium.be/common/isocodes"
targetNamespace="http://fsb.belgium.be/cmpe/account"
elementFormDefault="qualified" attributeFormDefault="unqualified">
      <xs:annotation>
        <xs:documentation xml:lang="en">Schema version: 1.2
            Date: 2006-10-03
            Author: Ignaz Wanders

            Changes since previous version:
            - added iban and bic to bankaccount

            Schema version: 1.1
            Date: 2005-07-25
            Author: Ignaz Wanders</xs:documentation>
      </xs:annotation>
      <xs:import namespace="http://fsb.belgium.be/common/isocodes"/>
      <xs:element name="has-bank-account" type="xs:boolean">
        <xs:annotation>
          <xs:documentation xml:lang="en">Indicator of the existence of a bank
account</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:simpleType name="be_account_number">
        <xs:annotation>
          <xs:documentation xml:lang="en">The type definition of a Belgian bank
account number.
                It is based on a string to avoid problems with leading zeroes.
```

```
                Validation rules:
                - The length is ... TODO: find out validation
rules</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:string">
          <xs:pattern value="\d{12}"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:element name="bankaccount">
        <xs:annotation>
          <xs:documentation xml:lang="en">The general form of a bank
account.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="account_number" type="acc:be_account_number"
minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">The Belgian bank account
number.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="iban" type="iso:iban" minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">The international bank account
number.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="bic" type="iso:bic" minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">The bank identifier
code.</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:schema>
        <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:ack="http://fsb.belgium.be/cmpe/acknowledgement"
targetNamespace="http://fsb.belgium.be/cmpe/acknowledgement"
elementFormDefault="qualified" attributeFormDefault="unqualified">
      <xs:annotation>
        <xs:documentation xml:lang="en">Schema version: 1.0 RC1
            Date: 2005-04-07
            Author: Ignaz Wanders</xs:documentation>
      </xs:annotation>
      <xs:complexType name="acknowledgement">
        <xs:annotation>
          <xs:documentation xml:lang="en">The general type definition of an
acknowledgement. It contains a number
                as an identification, a timestamp, and an optional status
field.</xs:documentation>
        </xs:annotation>
        <xs:sequence>
          <xs:element name="number" type="xs:string">
            <xs:annotation>
              <xs:documentation xml:lang="en">The number is an identifier for
the acknowledgement</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="timestamp" type="xs:dateTime">
```

```
            <xs:annotation>
              <xs:documentation xml:lang="en">The timestamp when the
acknowledgement was issued</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="status" type="xs:string" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">An optional status field for the
acknowledgement</xs:documentation>
            </xs:annotation>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:schema>
        <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
targetNamespace="http://fsb.belgium.be/common/error"
elementFormDefault="qualified" attributeFormDefault="unqualified">
      <xs:annotation>
        <xs:documentation xml:lang="en">Schema version: 1.0 RC2
            Date: 2005-05-04
            Author: Ignaz Wanders</xs:documentation>
      </xs:annotation>
      <xs:element name="error">
        <xs:annotation>
          <xs:documentation xml:lang="en">Definition of an error which occurred
during the process and needs to
                be communicated to the notaries.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="process_id" type="xs:string" minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">The unique process ID of the
process instance running on the FSB
                            in which the error occurred. This is not friendly
for humans, but
                            allows administrators (less human?) to locate the
process instance.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="process_name" type="xs:string" minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">The name of the process
instance running on the FSB in which the
                            error occurred. This is human readable. It is not
sufficient to
                            locate the process instance, but aides in finding
it.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="id" type="xs:string" minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">The unique ID of the error is
based on the timestamp when it
                            occurred. this ID can be used to correlate the
error message
                            with possible entries in a log
file.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="severity" type="xs:string" minOccurs="0">
              <xs:annotation>
```

```
                <xs:documentation xml:lang="en">The severity level of the
error. It is restricted to a number of
                            preset possibilities.

                            severity   description
                            1   A back-end system is temporarily unavailable.
Automatic retries
                                will occur. No further client action is
required.
                            2   A recoverable error has occurred. This may
induce a delay in
                                processing. No further client action is
required.
                            3   A severe error has occurred, which terminates
the process.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="error_code" type="xs:string" minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">A possible error code.
Generally this can be the class name of
                            the exception, if the exception occurred within the
FSB, but it
                            may also contain an error code which originated
from a back-end
                            system.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="error_message" type="xs:string">
              <xs:annotation>
                <xs:documentation xml:lang="en">The error message. This is
human-friendly text which should indicate
                            what type of error has occurred.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="error_stacktrace" type="xs:string" minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">The stack trace of the error
message. This is absolutely not
                            human friendly, and in a production environment
will not
                            normally be given, except when debugging or
monitoring requires
                            so. The purpose of this element is mainly to aide
during testing.

                            This field is optional.</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:schema>
        <!-- edited with XML Spy v4.0.1 U (http://www.xmlspy.com) by Paul
Stijfhals (Recherche) -->
    <xs:schema xmlns:iso="http://fsb.belgium.be/common/isocodes"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
targetNamespace="http://fsb.belgium.be/common/isocodes"
elementFormDefault="qualified" attributeFormDefault="unqualified">
      <xs:annotation>
        <xs:documentation xml:lang="en">Schema version: 1.0 RC3
            Date: 2005-05-04
            Author: Ignaz Wanders</xs:documentation>
```

```
      </xs:annotation>
      <xs:simpleType name="language">
        <xs:annotation>
          <xs:documentation xml:lang="en">Language codes follow the ISO-639-1
two-letter code standards.
                For details, see http://www.loc.gov/standards/iso639-
2/iso639jac.html

                Validation rules:
                - two lower case letters

                Regular expression: [a-z]{2}

                Examples: nl, fr, de, en, es, ...

                          Notes.
                          1. The xs:language type has a facet ([a-zA-Z]{1,8})(-
[a-zA-Z0-9]{1,8})*
                             which allows more than two characters. For example
to denote regional
                             languages.
                          2. For undetermined languages, ISO reserves the
three-letter code
                             "und". For this reason, the two-letter restriction
is not enforced
                             in the schema.</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:language"/>
      </xs:simpleType>
      <xs:simpleType name="country">
        <xs:annotation>
          <xs:documentation xml:lang="en">Country codes must be in the ISO-3166
two-letter format.
                For a complete list, see
                http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-
code-lists/index.html
                The FSB will translate the ISO code into specific KBO codes, if
required.
                The ISO standards permit certain two-letter codes to be
customized by users. This
                allows for the following codes, which can be used withing the
PROVE application:
                 ISO CODE     KBO CODE     meaning
                    XA          900        stateless (when applied to
nationalities)
                    XB          901        not yet proven (when applied to
nationalities)
                    XC          992        moved to abroad (when applied
nationalities)
                    XD          995        at sea (international waters)
                    XE          999        undetermined

                Validation rules:
                - two upper case letters

                Regular expression: [A-Z]{2}

                Examples: BE, NL, FR, DE, GB, ES, ...
                (Note that UK is not a valid country code!)</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:string">
          <xs:pattern value="[A-Z]{2}"/>
        </xs:restriction>
```

```
      </xs:simpleType>
      <xs:simpleType name="currency">
        <xs:annotation>
          <xs:documentation xml:lang="en">Currency codes must follow the ISO-
4217 code standards. These are three-letter codes
                derived from the ISO-639-1 two-letter country codes. For
details, see
                http://www.bsi-
global.com/British_Standards/currency/index.xalter

                Validation rules:
                - three upper case letters

                Regular expression: [A-Z]{3}

                Examples: EUR, GBP, USD, ...</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:string">
          <xs:pattern value="[A-Z]{3}"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType name="bic">
        <xs:annotation>
          <xs:documentation xml:lang="en">The type definition of a "Bank
Identifier Code" (BIC), specified in ISO 9362.

                For details, see
http://www.swift.com/biconline/index.cfm?fuseaction=display_aboutbic

                Validation rules:
                - The length is 8 or 11 characters.
                - First 4 chars are alphabetic and denote the bank code
                - 5th and 6th char are an ISO country code
                - 7th and 8th char are alphanumeric and denote the region
within a country
                - 9th - 11th char are the alphanumeric branch code
                - A BIC code must be in upper case letters

                Regular expression: [A-Z]{6}[A-Z0-9]{2}([A-Z0-9]{3}){0,1}

                Examples: ABNAFRPP, GEBABEBB04A, ...</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:string">
          <xs:pattern value="[A-Z]{6}[A-Z0-9]{2}([A-Z0-9]{3}){0,1}"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType name="iban">
        <xs:annotation>
          <xs:documentation xml:lang="en">The type definition of an
international bank account number (IBAN), specified in ISO 13616.

                Validation rules:
                - The length is up to 34 characters
                - The first two characters are the ISO two-letter country code
                - The 3rd and 4th character are numeric control digits
                - The 5th to the last char are alphanumeric
                - For the calculation of the control digits:
                    o  move the first four chars to the end of the number
                    o  convert each alphabetic char in the number to a digit
according to a conversion
                       table: A=10, B=11, C=12, ..., Y=34, Z=35
                       Note: each letter is converted to two digits, so the
number of chars increases
```

```
                    o  calculate the mod 97 of the full number: it must be
equal to one

                Regular expression: [A-Z]{2}\d{2}[A-Z0-9]{1,30}

                Examples: BE68539007547034, FR1420041010050500013M02606,
GB29NWBK60161331926819</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:string">
          <xs:pattern value="[A-Z]{2}\d{2}[A-Z0-9]{1,30}"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType name="gender">
        <xs:annotation>
          <xs:documentation xml:lang="en">The type definition for a gender must
follow the ISO 5128 specification
             The following data items and codes are used
                    Not known    0
                    Male         1
                    Female       2
                    Not specified 9</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:integer">
          <xs:maxInclusive value="2"/>
          <xs:minInclusive value="0"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:schema>
        <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:per="http://fsb.belgium.be/cmpe/person"
targetNamespace="http://fsb.belgium.be/cmpe/person"
elementFormDefault="qualified" attributeFormDefault="unqualified">
      <xs:annotation>
        <xs:documentation xml:lang="en">Schema version: 1.0 RC1
            Date: 2005-04-08
            Author: Ignaz Wanders</xs:documentation>
      </xs:annotation>
      <xs:simpleType name="person_number">
        <xs:annotation>
          <xs:documentation xml:lang="en">The type definition of the number of
a person.
                It is based on a string to avoid problems with leading zeroes.

                Validation rules:
                - The length is 11 digits, of which the last two are control
digits.
                - The first six digits are the birth date in the format yymmdd.
                - Let num1 = number(0:9) and num2 = number(9:11)
                - Then num2 = 97 - (num1 % 97) for birth dates up to 31/12/1999
                  and num2 = 97 - ( (num1 + 2*10^9) % 97 ) for birth dates
later than 31/12/1999

                The modulus and birth date can not be captured in a regular
expression, but the
                basic check on the digits and the length are used in a regular
                expression to validate the enterprise number.

                Note that birth dates are not always known, and exceptions to
the birth date rule
                exist. Therefore, the birth date should not be considered in a
validation rule.</xs:documentation>
        </xs:annotation>
        <xs:restriction base="xs:string">
```

```
          <xs:pattern value="\d{11}"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:schema>

  </types>
  <message name="acceptCmpe100AsyncSoapIn">
    <part name="parameters" element="s0:acceptCmpe100Async"/>
  </message>
  <message name="acceptCmpe100AsyncSoapOut">
    <part name="parameters" element="s0:acceptCmpe100AsyncResponse"/>
  </message>
  <message name="acceptCmpe100SyncSoapIn">
    <part name="parameters" element="s0:acceptCmpe100Sync"/>
  </message>
  <message name="acceptCmpe100SyncSoapOut">
    <part name="parameters" element="s0:acceptCmpe100SyncResponse"/>
  </message>
  <message name="getCmpe290SoapIn">
    <part name="parameters" element="s0:getCmpe290"/>
  </message>
  <message name="getCmpe290SoapOut">
    <part name="parameters" element="s0:getCmpe290Response"/>
  </message>
  <message name="removeCmpe290SoapIn">
    <part name="parameters" element="s0:removeCmpe290"/>
  </message>
  <message name="removeCmpe290SoapOut">
    <part name="parameters" element="s0:removeCmpe290Response"/>
  </message>
  <portType name="createForeignEnterpriseSoap">
    <operation name="acceptCmpe100Async">
      <input message="s0:acceptCmpe100AsyncSoapIn"/>
      <output message="s0:acceptCmpe100AsyncSoapOut"/>
    </operation>
    <operation name="acceptCmpe100Sync">
      <input message="s0:acceptCmpe100SyncSoapIn"/>
      <output message="s0:acceptCmpe100SyncSoapOut"/>
    </operation>
    <operation name="getCmpe290">
      <input message="s0:getCmpe290SoapIn"/>
      <output message="s0:getCmpe290SoapOut"/>
    </operation>
    <operation name="removeCmpe290">
      <input message="s0:removeCmpe290SoapIn"/>
      <output message="s0:removeCmpe290SoapOut"/>
    </operation>
  </portType>
  <binding name="createForeignEnterpriseSoap"
type="s0:createForeignEnterpriseSoap">
    <soap:binding transport="http://schemas.xmlsoap.org/soap/http"
style="document"/>
    <operation name="acceptCmpe100Async">
      <soap:operation
soapAction="http://fsb.belgium.be/cmpe/acceptCmpe100Async" style="document"/>
      <input>
        <soap:body use="literal"/>
      </input>
      <output>
        <soap:body use="literal"/>
      </output>
    </operation>
    <operation name="acceptCmpe100Sync">
```

```
      <soap:operation soapAction="http://fsb.belgium.be/cmpe/acceptCmpe100Sync"
style="document"/>
      <input>
        <soap:body use="literal"/>
      </input>
      <output>
        <soap:body use="literal"/>
      </output>
    </operation>
    <operation name="getCmpe290">
      <soap:operation soapAction="http://fsb.belgium.be/cmpe/getCmpe290"
style="document"/>
      <input>
        <soap:body use="literal"/>
      </input>
      <output>
        <soap:body use="literal"/>
      </output>
    </operation>
    <operation name="removeCmpe290">
      <soap:operation soapAction="http://fsb.belgium.be/cmpe/removeCmpe290"
style="document"/>
      <input>
        <soap:body use="literal"/>
      </input>
      <output>
        <soap:body use="literal"/>
      </output>
    </operation>
  </binding>
  <service name="createForeignEnterprise">
    <port name="createForeignEnterpriseSoap"
binding="s0:createForeignEnterpriseSoap">
      <soap:address
location="http://fsb.belgium.be:80/cmpe/1.0/ws/createForeignEnterprise.jws"/>
    </port>
  </service>
</definitions>
```