

# SERVICE MESSAGE DESCRIPTION

## MAPPINGSERVICE/COUNTRYCODE

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**Table 1 Document History**

Version	When	Who	What
0.1	2012-04-03	Johan Boogaerts	Draft
0.1.1	2012-05-23	Yavs	Remarks, corrections etc...
0.2	2012-05-31	Johan Boogaerts	Corrections

**Table 2 Document validation**

version	Name	Function	Comments	Approval date
0.1	yavs	Program SOA Analyst	please revise before approval.	N/A
0.2	Yves-Alexandre vander Schelden	Program SOA Analyst	Good enough for the time being. Should be refined after remarks from consumers, if any.	11/06/2012

## Objective of this document

This document describes request and response messages.

In principle the messages are as well documented via annotations in the corresponding XSD file. The documentation in the XSD is limited to the business entities. Relationships between business entities are additionally described in this document.

The complete functional package contains: E-government context, Service Portfolio, Webservice & Operation, Service Message Content, Service Error Codes, Service Testplans and service management documents.

## Target group

This document is intended to be read by analysts and developers.

# 1. Introduction

This document concerns the input and output messages of the country code operations from the mappingService family.

The country code operations allow retrieving lists of countries and their representations codes without or within a particular business context, more specific nationality, address country or place country.



## 2. Request and response message

### 2.1. GENERAL STRUCTURE

The operations offered have a pattern; the operations offer a list, return a particular entity or return the history of a particular entity.

#### 2.1.1. List

##### 2.1.1.1 Request message

The input parameter for lists is a reference date. The information in the list will be filtered based on this reference date. The entity and the representation codes have to be valid at the reference date. If the reference date fits between its start and end date (inclusive), the entity or representation code will be present.

##### 2.1.1.2 Response message

The response will contain a list of entities. The structure of the entity depends on the type of entity.

#### 2.1.2. Particular entity

##### 2.1.2.1 Request message

Retrieving details concerning a particular entity, i.e. a nationality, address country or place country is based on a representation code. The representation code can be ISO-3166-1 alpha2, alpha3 or numeric3 code or a NIS code.

The representation code is used to retrieve the related territory. Some codes have been re-used. It implies that multiple territories might be taken into account. Based on th(is)(ose) territory (ies) the corresponding business entit(y)(ies) will be returned.

##### 2.1.2.2 Response message

The response will contain a limited list of entities. The structure of the entity depends on the type of entity.

#### 2.1.3. History of particular entity

##### 2.1.3.1 Request message

Retrieving history of a particular business entity is based on a representation code and a reference date. The reference date is optional, if not completed internally replaced by the current date. The representation code is an ISO-3166-1 alpha2, for address country or place country, or alpha3, for nationality, code.

The combination of representation code and reference date uniquely identifies a territory. The assumption is made the territory corresponds to the main territory of the business entity. The history of the business entity is returned.

### 2.1.3.2 Response message

The response will contain a limited list of entities having an historical relationship. The structure of the entity depends on the type of entity.

### 2.1.4. Used code lists and enumerations

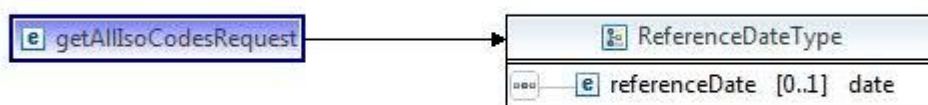
The objective of the service is to offer an authentic source for countries and their representation codes. Part from those representation codes as part of the response and general FSB error codes, described in the 'how to use the FBS' document no code lists are applied.

## 2.2. GETALLISOCODES(REFERENCE DATE)

The getAllIsoCodes operation retrieves a list of all country ISO codes, as they exist at the authentic source.

The list of codes is given for a specific reference date.

### 2.2.1. Request



If the reference date is omitted, the current date is assumed.

### 2.2.2. Response

The response contains a list of elements of the type IsoType.

An IsoType element corresponds to a territory having ISO-3166-1 representation codes. If applicable, the start and/or end date of a territory attribute(s) delimit(s) the validity period of the territory.



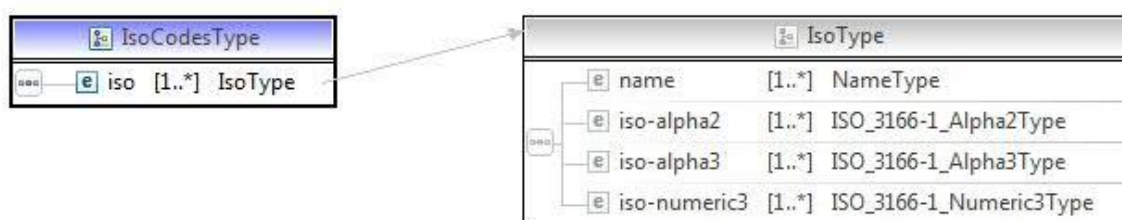
An IsoType element contains an official name and a short<sup>1</sup> name (documented as attribute) per language(doc. as attribute) and ISO-3166-1 representation codes in alpha3, alpha2 or numeric3 format.

The ISO representation codes have a status and a start and end date. The status is not applied in the current version of the AS country codes. The start and end date of a code is restricted by the start and end date of the territory. In most cases those dates are redundant compared to the dates of the territory. In cases were codes change during the lifetime of the territory those dates are documented as attribute.

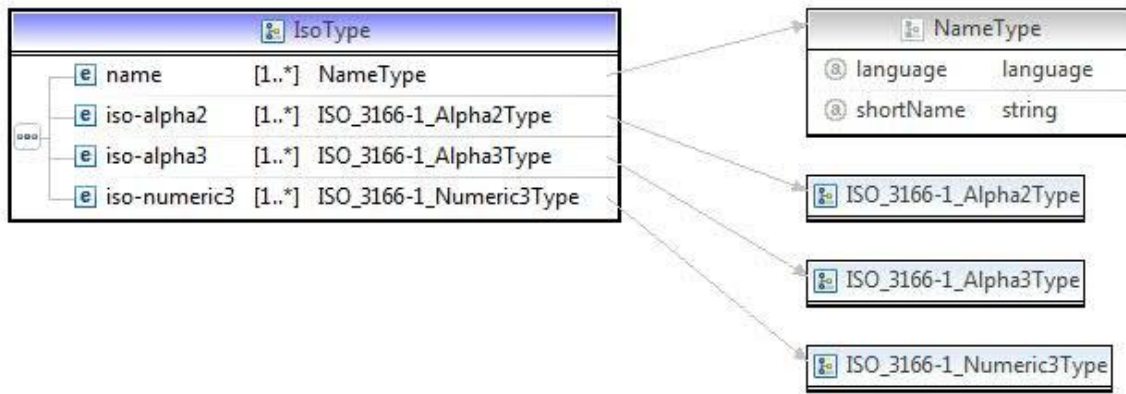
The paragraph above is applicable to NIS codes as well.

Examples of ISO code change are Finland (alpha2), Roumania (alpha3) or Panama (numeric3). In those cases the attributes start and end date are completed (code element).

```
<v1:iso>
  <v11:name language="fr" shortName="Finlande"
    xmlns:v11="http://fsb.belgium.be/mappingServices/data/country/v1_00">Finlande</v11:name>
  <v11:name language="en" shortName="Finland"
    xmlns:v11="http://fsb.belgium.be/mappingServices/data/country/v1_00">Finland</v11:name>
  <v11:name language="nl" shortName="Finland"
    xmlns:v11="http://fsb.belgium.be/mappingServices/data/country/v1_00">Finland</v11:name>
  <v11:name language="de" shortName="Finnland"
    xmlns:v11="http://fsb.belgium.be/mappingServices/data/country/v1_00">Finnland</v11:name>
  <v11:iso-alpha2 startDate="1995-07-01"
    xmlns:v11="http://fsb.belgium.be/mappingServices/data/country/v1_00">FI</v11:iso-alpha2>
  <v11:iso-alpha3
    xmlns:v11="http://fsb.belgium.be/mappingServices/data/country/v1_00">FIN</v11:iso-alpha3>
  <v11:iso-numeric3
    xmlns:v11="http://fsb.belgium.be/mappingServices/data/country/v1_00">246</v11:iso-
numeric3>
</v1:iso>
```



<sup>1</sup> As concise



### 2.2.3. Examples

```

<v1:getAllIsoCodesResponse
  xmlns:v1=http://fsb.belgium.be/mappingServices/countryService/messages/v1\_00
  xmlns:v11=http://fsb.belgium.be/mappingServices/data/country/v1\_00>
  <v1:iso>
    <v11:name language="en" shortName="Oman" >Sultanate of Oman</v11:name>
    <v11:name language="fr" shortName="Oman" >Oman</v11:name>
    <v11:name language="nl" shortName="Oman" >Oman</v11:name>
    <v11:name language="de" shortName="Oman" >Oman</v11:name>
    <v11:iso-alpha2 >OM</v11:iso-alpha2>
    <v11:iso-alpha3 >OMN</v11:iso-alpha3>
    <v11:iso-numeric3 >512</v11:iso-numeric3>
  </v1:iso>
  <v1:iso>
    <v11:name language="fr" shortName="Palaos" >Palaos</v11:name>
    <v11:name language="de" shortName="Palaos" >Palaos</v11:name>
    <v11:name language="en" shortName="Palau" >Republic of Palau</v11:name>
    <v11:name language="nl" shortName="Palaos" >Palaos</v11:name>
    <v11:iso-alpha2 >PW</v11:iso-alpha2>
    <v11:iso-alpha3 >PLW</v11:iso-alpha3>
    <v11:iso-numeric3 >585</v11:iso-numeric3>
  </v1:iso> ...
</v1:getAllIsoCodesResponse>
  
```

## 2.3. GETALLNISCODES(REFERENCE DATE)

The getAllNisCodes operation retrieves a list of all country NIS codes, as they exist at the authentic source.

### 2.3.1. Request

The request is similar to the getAllIsoCodes request.



If the reference date is omitted, the current date is assumed.

### 2.3.2. Response

The request is similar to the getAllIsoCodes response apart from the representation code returned which is a NIS code. The attributes startDate, endDate and status are applied conform the ISO codes.

### 2.3.3. Examples

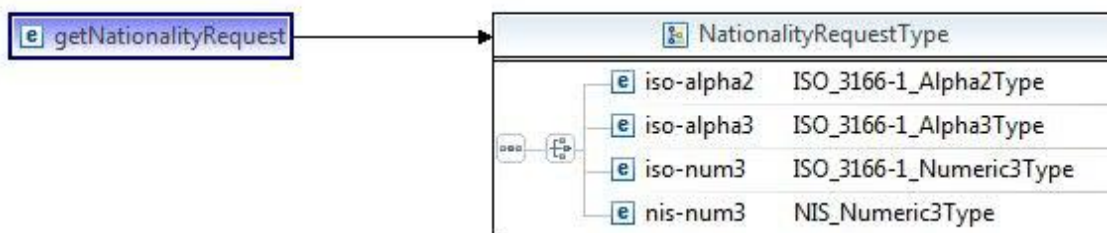
```
<v1:getAllNisCodesResponse
  xmlns:v1="http://fsb.belgium.be/mappingServices/countryService/messages/v1_00"
  xmlns:v11="http://fsb.belgium.be/mappingServices/data/country/v1_00">
  <v1:nis>
    <v11:name language="nl" shortName="São Tomé en Príncipe " >São Tomé en
Príncipe</v11:name>
    <v11:name language="en" shortName="Sao Tome and Principe" >Democratic Republic
of São Tome and Principe</v11:name>
    <v11:name language="fr" shortName="Sao Tome-et-Principe" >Sao Tome-et-
Principe</v11:name>
    <v11:name language="de" shortName="São Tomé und Príncipe " >São Tomé und
Príncipe</v11:name>
    <v11:nis-numeric3 startDate="1975-07-12" >346</v11:nis-numeric3>
  </v1:nis>
  <v1:nis>
    <v11:name language="nl" shortName="Servië" >Servië</v11:name>
    <v11:name language="en" shortName="Serbia" >Republic of Serbia</v11:name>
    <v11:name language="de" shortName="Serbien" >Serbien</v11:name>
    <v11:name language="fr" shortName="Serbie" >Serbie</v11:name>
    <v11:nis-numeric3 >152</v11:nis-numeric3>
  </v1:nis>
  <v1:nis>
    <v11:name language="en" shortName="Sierra Leone" >Republic of Sierra
Leone</v11:name>
    <v11:name language="fr" shortName="Sierra Leone" >Sierra Leone</v11:name>
    <v11:name language="nl" shortName="Sierra Leone" >Sierra Leone</v11:name>
    <v11:name language="de" shortName="Sierra Leone" >Sierra Leone</v11:name>
    <v11:nis-numeric3 >328</v11:nis-numeric3>
  </v1:nis>...
</v1:getAllNisCodesResponse>
```

## 2.4. GETNATIONALITY(REPRESENTATION CODE)

The getNationality operation retrieves a list of nationalities that are identified by a specific code

### 2.4.1. Request

The request needs a main territory representation code to identify its nationality. The user can enter any one code, either ISO or NIS.



The representation code might refer to more than one territory. In accordance with the data model detailed in the service operation description document, the nationality corresponding to the territory will be identified.

## 2.4.2. Response

The response contains the identified nationality. In rare occasions, the representation code has been reused over time therefore the response will contain several nationalities.

A nationality contains nationality names, main territory and (if applicable) sub-territories. Those names are provided in different languages. Per territory, the territory names and representation codes are returned as well.

## 2.4.3. Examples

Note that in certain case it is possible that multiple nationalities fit a specific requested code. For example, the ISO alpha-2 code CS has been applied to both Czechoslovakia and Serbia & Montenegro. In the case of a historic code, the result will be nationalities with an end date.

Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:v1="http://fsb.belgium.be/v1_01"
  xmlns:v11="http://fsb.belgium.be/mappingServices/countryService/messages/v1_00">
  <soapenv:Header>
    <v1:SyncHeader>
      <v1:CMessageID>Get Nationality - 1334580335755</v1:CMessageID>
    </v1:SyncHeader>
  </soapenv:Header>
  <soapenv:Body>
    <v11:getNationalityRequest>
      <!--You have a CHOICE of the next 4 items at this level
      <v11:iso-alpha2>DE</v11:iso-alpha2>-->
      <v11:iso-alpha3>AUS</v11:iso-alpha3>
      <!--<v11:iso-num3>?</v11:iso-num3>
      <v11:nis-num3>?</v11:nis-num3>-->
    </v11:getNationalityRequest>
  </soapenv:Body>
</soapenv:Envelope>Response
```

Response:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  <soapenv:Header>
```

```

<v1:SyncResponseHeader xmlns:v1="http://fsb.belgium.be/v1_01">
  <v1:FSBMessageID>503a8f46-dd86-4d3e-9af2-590d847ee90d</v1:FSBMessageID>
  <v1:CMessageID>Get Nationality - 1334580335755</v1:CMessageID>
</v1:SyncResponseHeader>
</soapenv:Header>
<soapenv:Body>
  <v1:getNationalityResponse
xmlns:v1="http://fsb.belgium.be/mappingServices/countryService/messages/v1_00"
xmlns:v11="http://fsb.belgium.be/mappingServices/data/country/v1_00">
    <v1:nationality version="v0_02" modificationDate="2012-03-29">
      <v1:name language="en">Australia</v1:name>
      <v1:name language="fr">Australienne</v1:name>
      <v1:name language="nl">Australisch</v1:name>
      <v1:mainTerritory>
        <v11:name language="en">Australia</v11:name>
        <v11:iso >
          <v11:name language="en" shortName="Australia">Australia</v11:name>
          <v11:name language="fr" shortName="Australie">Australie</v11:name>
          <v11:name language="de" shortName="Australien">Australien</v11:name>
          <v11:name language="nl" shortName="Australië">Australië</v11:name>
          <v11:iso-alpha2>AU</v11:iso-alpha2>
          <v11:iso-alpha3>AUS</v11:iso-alpha3>
          <v11:iso-numeric3>036</v11:iso-numeric3>
        </v11:iso>
        <v11:nis >
          <v11:name language="en" shortName="Australia">Australia</v11:name>
          <v11:name language="fr" shortName="Australie">Australie</v11:name>
          <v11:name language="de" shortName="Australien">Australien</v11:name>
          <v11:name language="nl" shortName="Australië">Australië</v11:name>
          <v11:nis-numeric3>611</v11:nis-numeric3>
        </v11:nis>
      </v1:mainTerritory>
      <v1:subTerritory>
        <v11:name language="en">Norfolk Island</v11:name>
        <v11:iso >
          <v11:name language="en" shortName="Norfolk Island">Norfolk Island</v11:name>
          <v11:name language="fr" shortName="Ile de Norfolk">Ile de Norfolk</v11:name>
          <v11:name language="nl" shortName="Norfolkeiland">Norfolkeiland</v11:name>
          <v11:name language="de" shortName="Norfolkinsel">Norfolkinsel</v11:name>
          <v11:iso-alpha2>NF</v11:iso-alpha2>
          <v11:iso-alpha3>NFK</v11:iso-alpha3>
          <v11:iso-numeric3>574</v11:iso-numeric3>
        </v11:iso>
      </v1:subTerritory>
      <v1:subTerritory>
        <v11:name language="en">Heard Island And Mcdonald Islands</v11:name>
        <v11:iso >
          <v11:name language="en" shortName="Heard Island and Mcdonald Islands">Heard
Island and Mcdonald Islands</v11:name>
          <v11:name language="nl" shortName="Heard- en McDonaldeilanden">Heard- en
McDonaldeilanden</v11:name>
          <v11:name language="fr" shortName="Île Heard et îles Mcdonald">Île Heard et îles
Mcdonald</v11:name>
          <v11:name language="de" shortName="Heard- und McDonaldinseln">Heard- und
McDonaldinseln</v11:name>
          <v11:iso-alpha2>HM</v11:iso-alpha2>
          <v11:iso-alpha3>HMD</v11:iso-alpha3>
          <v11:iso-numeric3>334</v11:iso-numeric3>
        </v11:iso>
      </v1:subTerritory>
      <v1:subTerritory>
        <v11:name language="en">Cocos (Keeling) Islands</v11:name>
        <v11:iso >
          <v11:name language="fr" shortName="Cocos (Keeling), Iles">Cocos (Keeling),
Iles</v11:name>
          <v11:name language="nl" shortName="Cocos- (Keeling-) eilanden">Cocos- (Keeling-)
eilanden</v11:name>

```

```

        <v11:name language="de" shortName="Kokos (Keeling) Inseln">Kokos (Keeling)
Inseln</v11:name>
        <v11:name language="en" shortName="Cocos (Keeling) Islands">Cocos (Keeling)
Islands</v11:name>
        <v11:iso-alpha2>CC</v11:iso-alpha2>
        <v11:iso-alpha3>CCK</v11:iso-alpha3>
        <v11:iso-numeric3>166</v11:iso-numeric3>
    </v11:iso>
</v1:subTerritory>
<v1:subTerritory>
    <v11:name language="en" >Christmas Islands</v11:name>
    <v11:iso >
        <v11:name language="en" shortName="Christmas Island">Christmas Island</v11:name>
        <v11:name language="fr" shortName="Christmas, Ile">Christmas, Ile</v11:name>
        <v11:name language="nl" shortName="Christmaseiland">Christmaseiland</v11:name>
        <v11:name language="de" shortName="Weihnachtsinsel">Weihnachtsinsel</v11:name>
        <v11:iso-alpha2>CX</v11:iso-alpha2>
        <v11:iso-alpha3>CXR</v11:iso-alpha3>
        <v11:iso-numeric3>162</v11:iso-numeric3>
    </v11:iso>
</v1:subTerritory>
</v1:nationality>
</v1:getNationalityResponse>
</soapenv:Body>
</soapenv:Envelope>

```

## 2.5. GETNATIONALITIES(REFERENCE DATE)

The getNationalities operation retrieves a list of nationalities valid at the requested reference date.

### 2.5.1. Request

The request is similar to the getAllIsoCodes request.

If the reference date is omitted, the current date is assumed.

### 2.5.2. Response

The response contains a list of nationalities valid at the reference date.

A nationality contains nationality names, main territory and (if applicable) sub-territories. Those names are provided in different languages. Per territory, the territory names and representation codes are returned as well. This response is equivalent to the getNationality response.

## 2.6. GETNATIONALITYHISTORY(REPRESENTATION CODE, REFERENCE DATE)

The getNationalityHistory operation provides a history for a specific nationality. The nationality is identified based on the ISO-3166-1 alpha3 representation code and the reference date. The combination of representation code and reference date should point to a single main territory which relates to the nationality.

The operation will retrieve the history of the identified nationality.

### 2.6.1. Request

The request requires the identification of a nationality based on a representation code and reference date. The combination should point to a nationality. If the identified nationality is currently valid, the history of the nationality is returned towards the past. Else if the identified nationality was valid in the past, the history towards the future is returned.

### 2.6.2. Response

The response contains a historical list of nationalities of the referenced nationality.

A nationality contains nationality names, main territory and (if applicable) sub-territories. Those names are provided in different languages. Per territory, the territory names and representation codes are returned as well.

### 2.6.3. Examples

History of current German nationality :

Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://fsb.belgium.be/v1_01"
xmlns:v11="http://fsb.belgium.be/mappingServices/countryService/messages/v1_00">
  <soapenv:Header>
    <v1:SyncHeader>
      <v1:CMessageID>Get Nat history - 1334582320359</v1:CMessageID>
    </v1:SyncHeader>
  </soapenv:Header>
  <soapenv:Body>
    <v11:getNationalityHistoryRequest>
      <v11:iso-alpha3>DEU</v11:iso-alpha3>
      <v11:referenceDate>2000-01-01</v11:referenceDate>
    </v11:getNationalityHistoryRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

Response:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header>
    <v1:SyncResponseHeader xmlns:v1="http://fsb.belgium.be/v1_01">
      <v1:FSBMessageID>141b517e-95b5-4d8f-b511-dc6a6b99f4b8</v1:FSBMessageID>
      <v1:CMessageID>Get Nat history - 1334582320359</v1:CMessageID>
    </v1:SyncResponseHeader>
  </soapenv:Header>
  <soapenv:Body>
    <v1:getNationalityHistoryResponse
      xmlns:v1="http://fsb.belgium.be/mappingServices/countryService/messages/v1_00"
      xmlns:v11="http://fsb.belgium.be/mappingServices/data/country/v1_00">
      <v1:nationality startDate="1990-10-04" version="V0_02" modificationDate="2012-03-26">
        <v1:name language="en">German</v1:name>
        <v1:name language="nl">Duitse</v1:name>
        <v1:name language="de">Deutsche</v1:name>
        <v1:name language="fr">German</v1:name>
        <v1:mainTerritory startDate="1990-10-04">
```

```

<v11:name language="en" >Germany</v11:name>
<v11:iso >
  <v11:name language="en" shortName="Germany">Federal Republic of Germany</v11:name>
  <v11:name language="nl" shortName="Duitsland">Duitsland</v11:name>
  <v11:name language="fr" shortName="Allemagne">Allemagne</v11:name>
  <v11:name language="de" shortName="Deutschland">Deutschland</v11:name>
  <v11:iso-alpha2>DE</v11:iso-alpha2>
  <v11:iso-alpha3>DEU</v11:iso-alpha3>
  <v11:iso-numeric3>276</v11:iso-numeric3>
</v11:iso>
<v11:nis >
  <v11:name language="en" shortName="Germany">Federal Republic of Germany</v11:name>
  <v11:name language="nl" shortName="Duitsland">Duitsland</v11:name>
  <v11:name language="fr" shortName="Allemagne">Allemagne</v11:name>
  <v11:name language="de" shortName="Deutschland">Deutschland</v11:name>
  <v11:nis-numeric3>103</v11:nis-numeric3>
</v11:nis>
</v1:mainTerritory>
</v1:nationality>
<v1:nationality startDate="1949-05-23" endDate="1990-10-03" version="V0_02"
modificationDate="2012-03-29">
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  <v1:name language="nl">Oostduitse</v1:name>
  <v1:name language="de">East-German</v1:name>
  <v1:name language="fr">Ouest-Allemande</v1:name>
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    <v11:iso >
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Republik</v11:name>
      <v11:name language="en" shortName="East Germany">German Democratic
Republic</v11:name>
      <v11:name language="fr" shortName="Allemagne de l'Est">République Démocratique
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      <v11:iso-alpha2>DD</v11:iso-alpha2>
      <v11:iso-alpha3>DDR</v11:iso-alpha3>
      <v11:iso-numeric3>278</v11:iso-numeric3>
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Republiek</v11:name>
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      <v11:nis-numeric3>104</v11:nis-numeric3>
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modificationDate="2012-03-26">
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  <v1:name language="nl">Westduitse</v1:name>
  <v1:name language="de">West-German</v1:name>
  <v1:name language="fr">West-German</v1:name>
  <v1:mainTerritory startDate="1949-05-23" endDate="1990-10-03">
    <v11:name language="en" >Germany West</v11:name>
    <v11:iso >
      <v11:name language="en" shortName="West Germany">Federal Republic Of
Germany</v11:name>
      <v11:name language="fr" shortName="Allemagne de l'Ouest">République fédérale
d'Allemagne</v11:name>

```

```

        <v11:name language="nl" shortName="West-Duitsland">Bondsrepubliek
Duitsland</v11:name>
        <v11:name language="de" shortName="West-Deutschland">Bundesrepublik
Deutschland</v11:name>
        <v11:iso-alpha2>DE</v11:iso-alpha2>
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    </v11:iso>
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Germany</v11:name>
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d'Allemagne</v11:name>
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Duitsland</v11:name>
        <v11:name language="de" shortName="West-Deutschland">Bundesrepublik
Deutschland</v11:name>
        <v11:nis-numeric3>134</v11:nis-numeric3>
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    </v11:nis>
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    </v1:nationality>
    </v1:getNationalityHistoryResponse>
</soapenv:Body>
</soapenv:Envelope>

```

## 2.7. GETADDRESSCOUNTRY(REPRESENTATION CODE)

The getAddressCountry operation retrieves a list of “address countries”<sup>2</sup> that are identified by a specific code.

The user can enter any one code, either ISO or NIS.

The response contains an “address country” that fits the given representation code.

Note that in certain case it is possible that multiple “address countries” fit a specific requested code. For example, the ISO alpha-2 code CS has been applied to both Czechoslovakia and Serbia & Montenegro. In the case of a historic code, the result will be “address countries” with start and end date. Consumers should apply data filtering on the response if an ambiguity occurs.

To obtain the current address country for that case, the getAddressCountryHistory operation must be called subsequently, with a referenced date appropriately set.

### 2.7.1. Request

The request needs a representation code to identify the “address country” via its main territory representation. The user can enter any one code, either ISO or NIS.

### 2.7.2. Response

The response contains the identified “address country”. In rare occasions, the representation code has been reused over time therefore the response will contain several address countries.

<sup>2</sup> Address country stands for territory reference which might be used in the context of addresses



An “address country” contains names, the main territory and (if applicable) sub-territory. Those names are provided in in different languages. Per territory, the territory names and representation codes are returned as well.

### 2.7.3. Examples

Responses are equivalent to the `getNationality` operation.

## 2.8. GETADDRESSCOUNTRIES(REFERENCE DATE)

The `getAddressCountries` operation retrieves a list of all “address countries” valid at the reference date, together with the indication for which geographical territories these hold.

### 2.8.1. Request

The request is similar to the `getAllIsoCodes` request.

If the reference date is omitted, the current date is assumed.

### 2.8.2. Response

The response contains a list of address countries valid at the reference date.

An “address country” contains names, the main territory and (if applicable) sub-territory. Those names are provided in in different languages. Per territory, the territory names and representation codes are returned as well.

The response is equivalent to the `getNationality` response.

## 2.9. GETADDRESSCOUNTRYHISTORY(REPRESENTATION CODE, REFERENCE DATE)

The `getAddressCountryHistory` operation provides the history of a specific “address country”. In other words, it will retrieve every change of a specific “address country”. The “address country” is identified based on the ISO-3166-1 alpha2 representation code and the reference date. The combination of representation code and reference date should point to a single main territory leading to the address country.

The operation will retrieve the history of the identified “address country”.

### 2.9.1. Request

The request needs the identification of an “address country” based on a representation code and reference date. The combination should point the main territory of an address country. If the identified address country is currently valid, the history of the address country is returned towards the past. Else if the identified address country was valid in the past, the history towards the future is returned.



### 2.9.2. Response

The response contains a historical list of address countries of the referenced “address country”.

An “address country” contains names, the main territory and (if applicable) sub-territory. Those names are provided in different languages. Per territory, the territory names and representation codes are returned as well.

### 2.9.3. Examples

See `getNationalityHistory`; the examples are similar.

## 2.10. GETPLACECOUNTRY(REPRESENTATION CODE)

The `getAddressCountry` operation retrieves a list of “place countries” identified by a specific code.

The user can enter any one code, either ISO or NIS.

The response contains an “place country” that fits the given representation code.

Note that in certain case it is possible that multiple “place countries” fit a specific requested code. For example, the ISO alpha-2 code CS has been applied to both Czechoslovakia and Serbia & Montenegro. In the case of a historic code, the result will be “place countries” with start and end date. Consumers should apply data filtering on the response if an ambiguity occurs.

To obtain the current place country for that case, the `getPlaceCountryHistory` operation must be called subsequently, with a referenced date set appropriately.

### 2.10.1.Request

The request needs a representation code to identify the place country via a representation code of the main territory of the place country. The user can enter any one code, either ISO or NIS.

### 2.10.2.Response

The response contains the identified place country. In rare occasions, the representation code has been reused over time therefore the response will contain several place countries.

A “place country” contains names, the main territory and (if applicable) sub-territory. Those names are provided in different languages. Per territory, the territory names and representation codes are returned as well.

### 2.10.3.Examples

Responses are equivalent to the `getNationality` operation

## 2.11. GETPLACECOUNTRIES( REFERENCE DATE)

The getAddressCountries operation retrieves a list of all “place countries” valid at the reference date, together with an indication for which geographical territories these relates.

### 2.11.1.Request

The request is similar to the getAllIsoCodes request.

If the reference date is omitted, the current date is assumed.

### 2.11.2.Response

The response contains a list of place countries valid at the reference date.

A “place country” contains names, the main territory and (if applicable) sub-territory. Those names are provided in in different languages. Per territory, the territory names and representation codes are returned as well.

The response is similar to the getNationality response.

## 2.12. GETPLACECOUNTRYHISTORY(REPRESENTATION CODE, REFERENCE DATE)

The getPlaceCountryHistory operation provides a history for a specific “place country” which means that the . The “place country” is identified based on the ISO-3166-1 alpha2 representation code and the reference date. The combination of representation code and reference date should point to a single main territory leading to the place country.

The operation will retrieve the history of the identified place country.

### 2.12.1.Request

The request requires the identification of a “place country” based on a representation code and reference date. The combination should point the main territory of a place country. If the identified place country is currently valid, the history of the address country is returned towards the past. Else if the identified place country was valid in the past, the history towards the future is returned.

### 2.12.2.Response

The response contains a historical list of place countries of the referenced place country.

A “place country” contains names, the main territory and (if applicable) sub-territory. Those names are provided in in different languages. Per territory, the territory names and representation codes are returned as well.

### 2.12.3.Examples

See `getNationalityHistory`; the examples are equivalent.



## 3. Basic service information

### 3.1. SERVICE ACCESS PARAMETERS

Table 1 Service access parameters get basic person information

Endpoint URL (Test & Acceptance)	https://fsb.services.int.belgium.be/v1_00/CPS_CountryService
Endpoint URL (Production)	https://fsb.services.pr.belgium.be/v1_00/CPS_CountryService
Message exchange pattern(s)	<Synchronous>
Message protocol	<SOAP>
Transport-level security	<1-way SSL with digital certificate other>
Message-level security	<WS-Security X.509 certificate token for message body other>

# Appendix

## REFERENCE DOCUMENTS

## BIBLIOGRAPHY

