

Integration - API

Search for Person

Technical description

1 Introduction

The product **Search for Person** delivers a hit list of those persons who correspond with the set parameters and search terms. At present a maximum of 100 hits is delivered.

A general feature of the Person Search is that one can combine each and every field in whichever way one wants. However, this is not a sensible approach. If one happens to fill in incompatible data in respect of post code and locality, for example, one obtains an incorrect result.

If one wishes to truncate a search term one must enter *. Truncation means, for example, that by entering in the name field Rund* hits are then achieved on *Rundgren*, *Rundkvist* and *Rundstedt*. It is possible to truncate all search fields except that of the age range. Furthermore, it is not possible to conduct a search on the basis of a person's initials. (1)

2013-10-08 Version 1.1 Created

2017-04-25 Version 1.2 Century added

2 Call

Action	[URL]
Method	POST
Product-ID	BFbfl
Version	

3 The Enquiry

ENQUIRY

```
<?xml version="1.0" encoding="iso-8859-1" ?>
<Fraga>
  <Produkt id="BFbfl" ver="1.2">
    <Objektlista antal="1">
      <Objekt>
        <PnFon>J</PnFon>
        <PnHis>A</PnHis>
        <PnBol>A</PnBol>
      </Objekt>
    </Objektlista>
  </Produkt>
</Fraga>
```

```
<PnKon></PnKon>
<PnNamn>nils gustafsson</PnNamn>
<PnGata>KLÖ*</PnGata>
<PnPostNr></PnPostNr>
<PnPostOrt></PnPostOrt>
<PnBirth></PnBirth>
<PnAgeF></PnAgeF>
<PnAgeT></PnAgeT>
</Objekt>
</Objektlista>
</Produkt>
<Kund nr="7777777" anv="xxxxxxxxx" />
</Fraga>
```

3.1 Elements

3.1.1 Settings

<PnFon>J</PnFon>

Phoneticisation

J=(JA) phonetic search

empty string=exact search

<PnHis>A</PnHis>

Also of history:

A=(All) history included

empty string=history excluded

<PnBol>A</PnBol>

Only persons with occupational engagement *

A=(All)

B=only persons registered with Swedish Companies Registration Office

<PnKon></PnKon>

Only women/men:

0=only women

1= only men

empty string=both women and men

* must include a value

3.1.2 Search terms

<PnNamn>nils gustafsson</PnNamn>

Name: first name and/or surname in any order

<PnGata>KLÖ*</PnGata>

Address: street name and any number

<PnPostNr></PnPostNr>	Post code: 1-5 figures
<PnPostOrt></PnPostOrt>	Locality (city/town) in Sweden
<PnBirth></PnBirth>	DOB date: 1-6 figures YYMMDD
<PnAgeF></PnAgeF>	Age range: from 16 years and upwards
<PnAgeT></PnAgeT>	Age range: to

4 The Reply

PRODUCT SPECIFIC REPLY

```
<Objektlista antal="1">
  <Objekt>
    <PersonLista hits="3">
      <Person>
        <PersNr sekel="19">1234567890</PersNr>
        <Namn tilltal="Nils">Gustafsson, Hans Nils</Namn>
        <Adresslista>
          <Adress>Klövergatan 2, 123 45 HANSSONSTAD</Adress>
        </Adresslista>
      </Person>
      <Person>
        <PersNr>2345678901</PersNr>
        <Namn tilltal="Olof">Gustafsson, Nils Olof</Namn>
        <Adresslista>
          <Adress>Klörhult 5350, 234 56 OLOFSTAD</Adress>
        </Adresslista>
      </Person>
      <Person>
        <PersNr>3456789012</PersNr>
        <Namn tilltal="">Gustavsson, Nils</Namn>
        <Adresslista>
          <Adress>Klösastigen 3, 345 67 GUSTAVSTAD</Adress>
        </Adresslista>
      </Person>
    </PersonLista>
  </Objekt>
</Objektlista>
```

4.1 Elements

<PersonLista hits="3">	Enclosing element for one/several hits
<Person>	Enclosing element for one hit
<PersNr>	SSN 10 digits

<Namn tilltal="Nils">Gustafsson, Nils Olof</Namn>
 <Adresslista>
 <Adress>
 <Spec>

Person's name
 Enclosing element for one/several addresses
 Enclosing element for one address
 Info:
avliden =hit on deceased person
utvandrad =hit on emigrated person
avreg=hit on deregistered person
särsk padr=hit on special postal address
hist padr=hit on historical postal address
hist särsk padr=hit on special historical postal address
hist namn=hit on historical name
hist padr=hit on historical postal address
hist namn, hist särsk padr=hit on historical name and historical special postal address
hist namn, hist padr=hit on historical name and historical postal address
hist namn, hist särsk padr=hit on historical name and historical special postal address

4.2 Attributes

<PersonLista hits="3">
 <PersNr sekel="19">
 <Namn tilltal="Nils">

Number of hits
 Century (2)
 First name

5 Error codes

Error code	Text
FBF0003	Search cannot be performed for persons under 16 years of age.
FBF0020	Please fill in the search data!
FBF0025	Post code may only include figures or blank spaces
FBF0030	There is nobody registered in the Swedish Population Register or with a "special postal address" at the post code &1
FBF0035	Post code &1 is not found in the post code catalogue
FBF0040	Contradiction between post code &1 and postal locality (city/town) &2
FBF0041	Possible contradiction between post code &1 and postal locality (city/town) &2
FBF0045	Indicated locality &1 is not a postal locality
FBF0050	Date of birth data may only include figures and any concluding (*)

Last amended January 26, 2023

FBF0055	Please choose to either fill in "Date of birth data" or "Age range"
FBF0060	Up to and including age must be higher than or same as the age from data
FBF0100	Too many hits (&1) – limit the search
FBF0101	Number of hits exceeds 100 000 – limit the search
FBF0105	The search produced no hits
FBF0900	Please contact SYNA AB! Tel: 040-25 85 00. &1
FBF0910	Response buffer too small to hold the reply. [Boolware -10] Please contact SYNA AB! Tel: 040-25 85 00.
FBF0920	Insufficient system resources, could not allocate memory. [Boolware -11] Please contact SYNA AB! Tel: 040-25 85 00.
FBF0930	Unable to establish contact with search engine [Invalidhandle]. Boolware -4]. Please contact SYNA AB! Tel: 040-25 85 00.