



FILE LAYOUT IZCXML V 1.0

**IMPORT ZIP CODES
2018-12-28**

VERSIONS

Version	Date	Description of change	Changed by
1.0	2018-12-28	First version	Seva Posviatenko

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1. INTRODUCTION

File layout IZCXML, import ZIP codes, is used to import additional ZIP codes into all ARC's modules. The import file is an XML-file that must follow a specific scheme.

XML-scheme can be found at <http://schema.aptic.net/aptic-link-import-zipcode.xsd>.

In the scheme, all fields that are available can be interpreted; we can determine the order of these and even point out which ones are required to be filled in. Many fields are optional and some of those fields might be replaced with default values if empty.

2. EXAMPLE

The example file below shows a ZIP code update file with two new ZIP codes that will be inserted into the system. If the file includes more than one ZIP codes, the element <singlezipcode> will be repeated for all ZIP codes.

```
<?xml version="1.0" encoding="utf-8"?>
<zipcodes xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="http://schema.aptic.net/aptic-link-import-zipcode.xsd">
  <counterkey>ZIPCODE_01</counterkey>
  <countervalue>1</countervalue>
  <recordcount>2</recordcount>
  <extradata>ZIPCODE_01 added to import level</extradata>
  <countrycode>SE</countrycode>
  <singlezipcode>
    <countrycode>SE</countrycode>
    <zipcode>11119</zipcode>
    <city>STOCKHOLM</city>
    <languagecode>sv</languagecode>
    <streetname>VASAGATAN</streetname>
    <streetnumberfrom>55</streetnumberfrom>
    <streetnumberto>57</streetnumberto>
    <streetrangetype>O</streetrangetype>
    <municipalcode>018005</municipalcode>
  </singlezipcode>
  <singlezipcode>
    <countrycode>SE</countrycode>
    <zipcode>11141</zipcode>
    <city>STOCKHOLM</city>
    <languagecode>sv</languagecode>
    <streetname>DÖBELNSGATAN</streetname>
    <streetnumberfrom>12</streetnumberfrom>
    <streetnumberto>14</streetnumberto>
    <streetrangetype>E</streetrangetype>
    <municipalcode>018004</municipalcode>
  </singlezipcode>
</zipcodes>
```

3. ELEMENT DESCRIPTIONS

Below you can find a short element description of the elements that are available.

Element	Type	Required	Description
zipcodes			
@counterkey	String(15)	Optional	File count identity. The name of the file counter. This is used to control that files are loaded in correct sequence.
@countervalue	Integer	Optional	File number. This is used to control that files are loaded in correct sequence.
@recordcount	String(50)	Optional	Party reference in ARC of the sender party. Needed for GDPR compliance. If not filled, sender party will be fetched from the solicitor parameter Standard provider for person updates.
@extradata	String(500)	Optional	Additional information. Is saved in log file, is not used for other purposes.
@countrycode	String(2)	Required	Country code according to ISO 3166-1 alpha-2.
zipcodes / singlezipcode			
@countrycode	string(2)	Required	ZIP-code country code according to ISO 3166-1 alpha-2.
@zipcode	String(10)	Required	New ZIP code value.
@city	String(40)	Required	City name matched with tie new ZIP code.
@languagecode	String(2)	Optional	Language code according to ISO 639-1. E.g. sv = Swedish, en = English, and so forth.
@streetname	String(50)	Optional	Street name matched with the new ZIP code.
@streetnumberfrom	Integer	Optional	Street house number that new ZIP code is started from.
@streetnumberto	Integer	Optional	Street house number that new ZIP code is ended.
@streetrangetype	String(1)	Optional	Type of the street range. Possible values are: A – All house numbers from the street range are covered with the new ZIP code; O – Odd house numbers from the street range are covered with the new ZIP code; E – Even house numbers from the street range are covered with the new ZIP code.
@municipalcode	String(15)	Optional	Municipal code of the new ZIP code.