



# **FILE LAYOUT ICUXML V 1.0**

**IMPORT COLLECTION ACCOUNT UPDATES  
2019-06-20**

## VERSIONS

Version	Date	Description of change	Changed by
1.0	2019-06-20	First version	Seva Posviatenko

## CONTENTS

<b>1.</b>	<b>INTRODUCTION .....</b>	<b>3</b>
<b>2.</b>	<b>EXAMPLE .....</b>	<b>3</b>
<b>3.</b>	<b>ELEMENT DESCRIPTIONS .....</b>	<b>6</b>

---

## 1. INTRODUCTION

File layout ICUXML, import collection account updates, is used to import the details of collection accounts 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-collectionaccountupdates.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 collection account update file with four debtors that will be updated. If the file includes more than one journal, the element <journal> will be repeated for all account changes. Each account update item might have several debtors to be updated. In such case, the <add\_debtor> element should be repeated.

```
<?xml version="1.0" encoding="utf-8"?>
<accountchanges xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="http://schema.aptic.net/aptic-link-import-
collectionaccountupdates.xsd">
  <counterkey>SEVAPOSV_001</counterkey>
  <countervalue>1</countervalue>
  <journal>
    <creditor>1003</creditor>
    <accountupdate>
      <creditor>1003</creditor>
      <collectionaccountid>1333</collectionaccountid>
      <add_debtor>
        <idnumber>750126-4738</idnumber>
        <juridicaltype>1</juridicaltype>
        <debtorrole>1</debtorrole>
        <firstname>Bo</firstname>
        <lastname>Holmalm</lastname>
        <street>Prinsgatan 49</street>
        <city>KIRUNA</city>
        <zipcode>98186</zipcode>
        <homephone>+46709998888</homephone>
        <workphone>+46509998888</workphone>
        <email>9998888@gmail.com</email>
        <alternativeemail>9998888@hotline.com</alternativeemail>
        <languagecode>sv</languagecode>
        <currencycode>SEK</currencycode>
        <gender>true</gender>
        <address>
          <addresstype>invoice</addresstype>
          <fullname>Bo' Invoice address</fullname>
          <street>Prinsgatan 2</street>
          <city>STOCKHOLM</city>
          <zipcode>11479</zipcode>
          <countrycode>SE</countrycode>
        </address>
      </add_debtor>
    </accountupdate>
  </journal>
</accountchanges>
```

```
<country>Sweden</country>
<defaultaddress>true</defaultaddress>
<updateexisting>true</updateexisting>
<accountspecific>false</accountspecific>
</address>
<address>
  <addresstype>avi</addresstype>
  <fullname>Bo' avi address</fullname>
  <street>Vårvägen 296</street>
  <city>KISTA</city>
  <zipcode>16481</zipcode>
  <countrycode>SE</countrycode>
  <country>Sweden</country>
  <defaultaddress>false</defaultaddress>
  <updateexisting>true</updateexisting>
  <accountspecific>false</accountspecific>
</address>
</add_debtor>
</accountupdate>
<accountupdate>
  <creditor>1003</creditor>
  <casenumber>1333</casenumber>
  <add_debtor>
    <idnumber>120518-2007</idnumber>
    <juridicaltype>1</juridicaltype>
    <debtorrole>1</debtorrole>
    <firstname>Anna</firstname>
    <lastname>Martinsson</lastname>
    <street>Prinsgatan 2</street>
    <city>STOCKHOLM</city>
    <zipcode>11479</zipcode>
    <homephone>+46709997777</homephone>
    <workphone>+46509997777</workphone>
    <email>9997777@gmail.com</email>
    <alternativeemail>9997777@hotline.com</alternativeemail>
    <languagecode>sv</languagecode>
    <currencycode>SEK</currencycode>
    <gender>false</gender>
    <address>
      <addresstype>avi</addresstype>
      <fullname>Anna' avi address</fullname>
      <street>Prinsgatan 49</street>
      <city>KIRUNA</city>
      <zipcode>98186</zipcode>
      <countrycode>SE</countrycode>
      <country>Sweden</country>
      <defaultaddress>false</defaultaddress>
      <updateexisting>true</updateexisting>
      <accountspecific>false</accountspecific>
    </address>
  </add_debtor>
</accountupdate>
<accountupdate>
  <creditor>1003</creditor>
  <accountreference>AcctRef167064678</accountreference>
  <add_debtor>
    <idnumber>970415-0144</idnumber>
    <juridicaltype>1</juridicaltype>
    <debtorrole>1</debtorrole>
```

```
<firstname>Helena</firstname>
<lastname>Turesson</lastname>
<street>Kungsgatan 297V</street>
<city>ARLÖV</city>
<zipcode>23223</zipcode>
<homephone>+46708887777</homephone>
<email>888777@gmail.com</email>
<alternativeemail>888777@hotline.com</alternativeemail>
<languagecode>sv</languagecode>
<currencycode>SEK</currencycode>
<gender>>false</gender>
<address>
  <addresstype>invoice</addresstype>
  <fullname>Helena' invoice address</fullname>
  <street>Vårvägen 296</street>
  <city>KISTA</city>
  <zipcode>16481</zipcode>
  <countrycode>SE</countrycode>
  <country>Sweden</country>
  <defaultaddress>>true</defaultaddress>
  <updateexisting>>true</updateexisting>
  <accountspecific>>false</accountspecific>
</address>
</add_debtor>
</accountupdate>
<accountupdate>
  <creditor>1003</creditor>
  <accountpaymentreference>Paymentref167064678</accountpaymentreference>
  <add_debtor>
    <idnumber>481122-2340</idnumber>
    <juridicaltype>1</juridicaltype>
    <debtorrole>1</debtorrole>
    <firstname>Helena</firstname>
    <lastname>Bäckgren</lastname>
    <street>Vårvägen 296</street>
    <city>KISTA</city>
    <zipcode>16481</zipcode>
    <workphone>+46508886666</workphone>
    <email>8886666@gmail.com</email>
    <alternativeemail>888666@hotmail.com</alternativeemail>
    <languagecode>sv</languagecode>
    <currencycode>SEK</currencycode>
    <gender>>false</gender>
    <address>
      <addresstype>invoice</addresstype>
      <fullname>Helena' invoice address</fullname>
      <street>Kungsgatan 297V</street>
      <city>ARLÖV</city>
      <zipcode>23223</zipcode>
      <countrycode>SE</countrycode>
      <country>Sweden</country>
      <defaultaddress>>false</defaultaddress>
      <updateexisting>>true</updateexisting>
      <accountspecific>>false</accountspecific>
    </address>
  </add_debtor>
</accountupdate>
</journal>
</accountchanges>
```

### 3. ELEMENT DESCRIPTIONS

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

Element	Type	Required	Description
<b>accountchanges</b>			
@counterkey	String(15)	Optional	"counterkey" and "countervalue" are used as an option file counter to ensure that files are imported in correct order and not skipped. "counterkey" is the chosen name of the counter for this import. It is possible to share between different import files by using the same name.
@countervalue	Integer	Optional	"countervalue" is the expected counter value that the system should have after increasing the last value by one. If it is the first time a counter key is used, the counter value will be used to initialize the counter. If the expected counter value does not match up with the saved value, the import will fail.
<b>accountchanges / journal</b>			
@creditor	String(50)	Optional	Reference code for creditor. If specified for journal, all accounts in this journal need to have the same creditor specified.
<b>accountchanges / journal / accountupdate</b>			
@creditor	String(50)	Required	Reference code for creditor. If specified for journal, all accounts in this journal need to have the same creditor specified.
@collectionaccountid	Integer	Optional	Collection account identifier.
@casenumber	String(30)	Optional	Collection account number.
@accountreference	String(50)	Optional	Debt creditor reference code.
@accountpaymentreference	String(25)	Optional	Account payment reference.
<b>accountchanges / journal / accountupdate / add_debtor</b>			
@idnumber	String(15)	Optional	Debtor's social security number / corporate identity number.
@juridicaltype	Integer	Optional	Debtor juridical type: 1 = Person; 2 = Company.
@debtorrole	Integer	Optional	Debtor role: 1 = Debtor; 2 = Guarantor; 3 = Co applicant; 4 = Estate partner; 5 = Trading partner; 6 = Complementary; 7 = Custodian; 8 = Limited partnership owner.
@creditordebtorref	String(25)	Optional	The debtor's customer ID at the creditor.
@placeofbirth	String(50)	Optional	Debtor's place of birth.
@birthdate	Date	Optional	Debtor's birth date.

@title	String(20)	Optional	Debtor's title.
@firstname	String(100)	Required	Debtor's first name / company name.
@middlename	String(40)	Optional	Debtor's middle name.
@infix	String(15)	Optional	Debtor's infix.
@lastname	String(60)	Optional	Debtor's last name.
@initials	String(10)	Optional	Debtor's initials.
@namesuffix	String(10)	Optional	Debtor's name suffix.
@careof	String(50)	Optional	Debtor's c/o address.
@street	String(200)	Optional	Debtor's address (legal).
@house	String(10)	Optional	House number(legal).
@houseextension	String(15)	Optional	House number extension (legal).
@city	String(30)	Optional	Debtor's city (legal).
@statecode	String(2)	Optional	Debtor's state or region (legal).
@zipcode	String(10)	Optional	Debtor's zip code (legal).
@countrycode	String(2)	Optional	Debtor's country code according to ISO 3166-1 alpha-2 (legal).
@country	String(30)	Optional	Debtor's country name (legal).
@domicile	String(10)	Optional	Domicile of debtor.
@municipalcode	String(20)	Optional	Debtor's municipal code.
@homephone	String(20)	Optional	Phone number, home.
@workphone	String(20)	Optional	Phone number, work.
@cellularphone	String(20)	Optional	Cellular phone number.
@telefax	String(20)	Optional	Fax number.
@email	String(80)	Optional	Debtor's email address.
@alternativeemail	String(80)	Optional	Debtor's alternative email address.
@nacecode	String(10)	Optional	NACE classification code.
@languagecode	String(2)	Optional	Language code, sv = Swedish, en = English, and so forth, according to ISO 639-1 (2 characters).
@currencycode	String(3)	Optional	Debtor's preferred currency (ISO 4217)
@underaged	Boolean	Optional	Underaged debtor. If the field is empty the debtor's age will be calculated using the social security number and the date of the invoice.
@protected	Boolean	Optional	The debtor's personal data is protected.
@autotransferrefno	String(25)	Optional	Payers reference number for auto transfer.
@autotransferbankaccount	String(25)	Optional	Bank account for auto-transfer.
@gender	Boolean	Optional	Debtor's gender. true = male; false = female.
@culturecode	String(11)	Optional	Culture code, e.g. en-GB, en-US, sv-SE
@companytype	String(15)	Optional	Company type, e.g. AB, HB, Ltd, etc.

@periodoflimitation	Integer	Optional	Period of limitation. In general, set from party parameters with 3 years as default for physical debtors and 10 for juridical debtors.
<b>accountchanges / journal / accountupdate / add_debtor /address</b>			
@addresstype	String	Required	Type of address: legal = registered address; avi = avi address; invoice = invoice address or according to agreement; site = Anläggningsadress (applicable for Sweden only); delivery = delivery address; trustacctnt = Trust accounting address.
@addressnotvalid	Date	Optional	Date when this address was set to incorrect.
@fullname	String(80)	Optional	Full name.
@careof	String(50)	Optional	C/o address.
@street	String(200)	Optional	Address.
@houseno	String(10)	Optional	House number.
@housenoextension	String(15)	Optional	House number extension.
@city	String(30)	Optional	City.
@statecode	String(2)	Optional	State or region.
@zipcode	String(10)	Optional	Zip code.
@countrycode	String(2)	Optional	Country code according to ISO 3166-1 alpha-2.
@country	String(30)	Optional	Country name.
@defaultaddress	Boolean	Optional	True if this is the default address.
@updateexisting	Boolean	Optional	True if existing matching address should be updated with new data.
@accountspecific	Boolean	Optional	True if this address should be considered as an account specific. This address cannot be legal address.
<b>accountchanges / journal / accountupdate / add_debtor /extrafield</b>			
@name	String(80)	Required	Name of debtor's additional field. Is used according to agreement.
@data	String(4000)	Required	Data contents of the extra field.
<b>accountchanges / journal / accountupdate / add_debtor / bankaccount</b>			
@bankaccountownertype	Integer	Required	Bank account owner type. 1 = Solicitor (internal); 2 = Creditor (external); 3 = Debtor (external).
@allowpayments	Integer	Optional	Allow payment usage: 0 = No; 1 = Allow payments; 2 = Allow nettings.
@allowdisbursementsfrom	Boolean	Optional	Allow to create disbursements to bank account.
@allowdisbursementsto	Boolean	Optional	Allow to create disbursement from bank account.
@businessaccount	Boolean	Optional	Set up if bank account should be used as a business account.
@bankaccountclass	Integer	Optional	Bank account class ID. The ID value should match to value from <code>cfg_bankaccountclass</code> table in DB.



@description	String(50)	Required	Bank account description.
@countrycode	String(2)	Required	Bank account country code according to ISO 3166-1 alpha-2.
@currencycode	String(3)	Required	Bank account currency code according to ISO 4217.
@bankaccountno	String(50)	Required	Bank account number.
@bankcode	String(10)	Optional	Bank code.
@bankdescription	String(50)	Optional	Bank description.
@defaultaccount	Boolean	Optional	True if this bank account is default. Only one default bank account per debtor is allowed.
<b>accountchanges / journal / accountupdate / add_debtor / deceased</b>			
@regdate	Date	Required	Decease registration date.
@partyid	String	Optional	ID of the deceased administrator party.
@deathdate	Date	Optional	Date of death.
@estatetype	Integer	Required	Estate type. 0 = Public; 1 = Private.
@journalno	String(80)	Required	Journal number.
@applicationdate	Date	Optional	Decease application date.
@estateinvdate	Date	Optional	Estate inventory date.
@totalassets	Money	Optional	Total assets (sv: summa tillgångar).
@totaldebts	Money	Optional	Total debts (sv: vår totala fordran).
@prioritydebts	Money	Optional	Priority debts (sv: prioriterade fordringar).
@totaldebt	Money	Optional	Debt (sv: summa fordringar).
@estateinvamount	Money	Optional	Estate inventory amount.
@amountpercent	Money	Optional	Estate inventory percent.
@intereststop	Boolean	Required	TRUE / FALSE. Flag to set up the interest to continue to be counted (TRUE) or if it should be stopped (FALSE) at the date the decease was registered.
@note	String	Optional	Decease additional notes.
<b>accountchanges / journal / accountupdate / add_debtor / bankruptcy</b>			
@regdate	Date	Required	Bankruptcy registration date.
@partyid	String	Optional	ID of the bankruptcy administrator party.
@districtcourtid	Integer	Optional	District court identifier.
@liquidationdate	Date	Optional	Liquidation date.
@applicationdate	Date	Optional	Application date.
@bankruptcydate	Date	Optional	Bankruptcy date.
@conclusivedate	Date	Optional	Date of conclusion.
@writtenoffdate	Date	Optional	Written-off date.
@journalno	String(80)	Optional	Number of import-journal.
@totaldebt	Money	Optional	Total debt amount.

@other	String	Optional	Other information.
@onholddate	Date	Optional	Date when bankruptcy was set on-hold.
@publishdate	Date	Optional	Publish date of bankruptcy.
@onholdreasonid	Integer	Optional	Identifier of reason to set bankruptcy on-hold.
@bankruptcyinfo	String	Optional	Bankruptcy additional information.
@enclosurebankruptcynotice	Boolean	Optional	Set up this flag to enclose bankruptcy notice.
@enclosures	String	Optional	Other enclosures.
<b>accountchanges / journal / accountupdate / add_debtor / dataprovision</b>			
@code	String(40)	Required	Data provision code. Required if element dataprovision is used.
@version	String(40)	Optional	Version number of the data provision.
@text	String	Optional	Extra information regarding the data provision.
<b>accountchanges / journal / accountupdate / add_systeminfoaction</b>			
@bookforuser	String(50)	Optional	Book the action for a specified user.
@bookforgroup	String(50)	Optional	Book the action for a specified user group.
@priority	Integer	Optional	Priority. Default value is 100.
@message	String(4000)	Required	Message to the user's action list.