



# **File layout ILAXML v2.0**

Import of invoice details for  
invoice- and/or ledger services

2012-02-16

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## Introduction

File layout ILAXML is used to import invoice details for invoice and ledger services in Aptic ARC. The import file is an XML-file that has to follow a specific scheme.

XML-scheme can be found at <http://schema.aptic.net/aptic-link-import-ledgeraccounts-v2.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 those fields will be replaced with default values if empty.

## Example invoice service

The example file below shows an invoice with two debt rows and a freight cost. This invoice is intended for printing. If the file includes more than one invoice, the element <invoice> will be repeated for all invoices.

```
<?xml version="1.0" encoding="iso-8859-1"?>
<invoices xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="http://schema.aptic.net/aptic-link-import-ledgeraccounts-v2.xsd"
>
  <journal>
    <currencycode>SEK</currencycode>
    <creditor>1000</creditor>
    <invoice>
      <service>Invoicing</service>
      <printcode>FAKTURA</printcode>
      <formcode>MALL1</formcode>
      <customer>
        <customerref>1234</customerref>
        <idnumber>400204-9163</idnumber>
        <firstname>Kalle</firstname>
        <lastname>Andersson</lastname>
        <street>Storgatan 56</street>
        <city>Skövde</city>
        <zipcode>54134</zipcode>
        <countrycode>SE</countrycode>
        <vatnumber></vatnumber>
        <homephone>0500-123456</homephone>
        <workphone>0500-100200</workphone>
        <email>kalle@kund.se</email>
        <languagecode>sv</languagecode>
        <updateexisting>>true</updateexisting>
      </customer>
      <debt>
        <referencenumber>F012381032</referencenumber>
        <rounding>0.25</rounding>
        <currencycode>SEK</currencycode>
        <billdate>2007-12-05</billdate>
        <duedate>2007-12-20</duedate>
        <ourorder>3278913</ourorder>
        <yourorder>123-23</yourorder>
        <deliverymethod>Fritt vårt lager</deliverymethod>
        <deliverycondition>Företagspaket</deliverycondition>
        <deliverydate>2007-12-05</deliverydate>
        <paymentcondition>15</paymentcondition>
      </debt>
    </invoice>
  </journal>
</invoices>
```

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```

<ourreference>Pelle Persson</ourreference>
<yourreference>Kalle Andersson</yourreference>
<receiverfullname>Kalle Andersson</receiverfullname>
<receiverstreet>Storgatan 56</receiverstreet>
<receivercity>Skövde</receivercity>
<receiverzipcode>54134</receiverzipcode>
<receivercountrycode>SE</receivercountrycode>
<deliveryfullname>Edit Mode</deliveryfullname>
<deliverystreet>
Att: Edit Andersson
Tvärgatan 6
</deliverystreet>
<deliverycity>Skövde</deliverycity>
<deliveryzipcode>54140</deliveryzipcode>
<deliverycountrycode>SE</deliverycountrycode>
<debtrows>
<debtrow>
<itemref>102010</itemref>
<description>Symaskin X500 Deluxe</description>
<itemcount>2</itemcount>
<remainingcount>0</remainingcount>
<itemprincipal>5600.00</itemprincipal>
<principalamount>11200.00</principalamount>
<vatamount>2800.00</vatamount>
<vatcode>SE25</vatcode>
<accountchartcode>3010</accountchartcode>
</debtrow>
<debtrow>
<itemref>102011</itemref>
<description>Symaskin X400 Standard</description>
<itemcount>4</itemcount>
<remainingcount>0</remainingcount>
<itemprincipal>4300.00</itemprincipal>
<discount>1200.00</discount>
<principalamount>16000.00</principalamount>
<vatamount>4000.00</vatamount>
<vatcode>SE25</vatcode>
<accountchartcode>3011</accountchartcode>
</debtrow>
<debtrow>
<debtfeecode>PACKANDSHIP</debtfeecode>
<description></description>
<principalamount>195.75</principalamount>
</debtrow>
</debtrows>
</debt>
</invoice>
</journal>
</invoices>
    
```

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## Example ledger service

The example file contains one ledger item for one invoice. If the file includes more than one ledger item, the element <invoice> will be repeated for every item.

```
<?xml version="1.0" encoding="iso-8859-1"?>
<invoices xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="http://schema.aptic.net/aptic-link-import-ledgeraccounts-v2.xsd"
>
  <journal>
    <currencycode>SEK</currencycode>
    <creditor>1000</creditor>
    <invoice>
      <service>ReceivableLdg</service>
      <customer>
        <customerref>1234</customerref>
        <idnumber>400204-9163</idnumber>
        <firstname>Kalle</firstname>
        <lastname>Andersson</lastname>
        <street>Storgatan 56</street>
        <city>Skövde</city>
        <zipcode>54134</zipcode>
        <countrycode>SE</countrycode>
        <vatnumber></vatnumber>
        <homephone>0500-123456</homephone>
        <workphone>0500-100200</workphone>
        <email>kalle@kund.se</email>
        <languagecode>sv</languagecode>
        <updateexisting>true</updateexisting>
      </customer>
      <debt>
        <referencenumber>F012381032</referencenumber>
        <paymentreference>100001238103250</paymentreference>
        <rounding>0.00</rounding>
        <currencycode>SEK</currencycode>
        <billdate>2007-12-05</billdate>
        <duedate>2007-12-20</duedate>
        <ourorder>3278913</ourorder>
        <paymentcondition>15</paymentcondition>
        <debtrows>
          <debtrow>
            <summaryonly>true</summaryonly>
            <description>Symaskiner</description>
            <principalamount>10000.00</principalamount>
            <vatamount>2500.00</vatamount>
            <vatcode>SE25</vatcode>
          </debtrow>
        </debtrows>
      </debt>
    </invoice>
  </journal>
</invoices>
```

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## Element descriptions

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

Element	Type	Description
invoices		
counterkey	string (15)	File count identity. The name of the file counter. This is used to control that files are loaded in correct sequence.
countervalue	integer	File number. This is used to control that files are loaded in correct sequence.
recordcount	integer	Number of items in the file.
extradata	string (500)	Additional information. Is saved in log file. It is not used for other purposes.
invoices/journal		
currencycode	string (3)	Currency code according to ISO 4217. Mandatory.
creditor	string (50)	Client reference number for this journal. If the creditor is set on journal level all invoices in the journal must have the same creditor.
invoices/journal/invoice		
creditor	string (50)	Client reference number. Must be the same as invoices/journal/creditor if stated.
currencycode	string (3)	Currency code according to ISO 4217.
referencenumber	string (50)	Ledger reference number (NOTE! Not invoice/debt reference number)
customerref	string (25)	Customer reference
deliverysystemcode	string (15)	Dispatching system
paymentreference	string (25)	Payment reference number, OCR-number
service	string (25)	Invoicing = invoice service ReceivableLdg = ledger service
claimantname	string (50)	Creditor (if other than the customer).
loanflag	boolean	Request to pledge invoice (used at factoring)
loanpercent	money	Leverage percent
purchasable	boolean	Request to sell invoice (used at factoring)
invoicedat	date	Date when the invoice was sent (used at ledger service)
paymentcode	string (15)	Payment code. Should be used according to agreement
printcode	string (15)	Print code. Should be used according to agreement
formcode	string (15)	Form code. Should be used according to agreement
receiverreference	string (80)	Receiver reference, for example e-mail address.

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		Should be used according to agreement.
aconto	boolean	On account or quote invoice.
invoices/journal/invoice/customer		
customerref	string (15)	Customer reference
idnumber	string (15)	Customer social security number / corporate identity number
juridicaltype	integer	1 = private person, 2 = legal entity
customerrole	string	Customer role
placeofbirth	string (50)	Place of birth
title	string (10)	Customer title
firstname	string (100)	Customer first name
middlename	string (40)	Customer middle name
lastname	string (60)	Customer last name
namesuffix	string (10)	Department number, or such
careof	string (50)	Customer c/o address
street	string (200)	Customer address (may contain line breaks)
city	string (30)	Customer city
statecode	string (2)	Customer state or region
zipcode	string (10)	Customer zip code
countrycode	string (2)	Customer country code according to ISO 3166-1 alpha-2
country	string (30)	Customer country (interpreted to country code)
domicile	string (10)	Domicile of customer
vatnumber	string (20)	Customer VAT-registration number
homephone	string (20)	Phone number, home
workphone	string (20)	Phone number, work
cellularphone	string (20)	Cellular phone number
telefax	string (20)	Fax number
email	string (80)	Customer e-mail address
languagecode	string (2)	Language code, sv = Swedish, en = English, and so forth.
currencycode	string (3)	Customer preferred currency
underaged	boolean	Underaged customer
autotransferrefno	string (25)	Payers reference number for auto transfer
autotransferbankaccount	string (25)	Bank account for auto transfer
updateexisting	boolean	Update existing customer record Y/N
invoices/journal/invoice/customer/address		
addresstype	string	Type of address: legal = registered address

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		advice = advice address invoice = invoice address or according to agreement
addressnotvalid	date	Date when this address was set to incorrect
fullname	string (80)	Different name on customer
careof	string (50)	C/o address
street	string (200)	Address (may contain line breaks)
city	string (30)	City
statecode	string (2)	State or region
zipcode	string (10)	Zip code
countrycode	string (2)	Country code according to ISO 3166-1 alpha-2
country	string (30)	Country (interpreted to country code)
defaultaddress	boolean	Customers default address
updateexisting	boolean	Update existing address of similar type
invoices/journal/invoice/customer/extrafield		
name	string (20)	Name of customers additional field. Is used according to agreement.
data	string (200)	Value of the additional field
invoices/journal/invoice/debt		
debtprincipaltype	Integer	1 = Invoice 2 = Credit note 3 = Interest invoice  Default value is Invoice if amount > 0 otherwise Credit note
description	string (200)	Invoice description
referencenumber	string (25)	Invoice reference number
originalreferencenumber	string (25)	Original invoice number when sending credit note
paymentreference	string (25)	Payment reference number, OCR-number
ledgerref	string (25)	Ledger reference number
remaininginterest	Money	Remaining interest
rounding	money	Round off
systemrounding	money	Round off in book keeping currency
currencycode	string (3)	Invoice currency according to ISO 4217
exchangerate	decimal	Exchange rate
orderdate	date	Order date
billdate	date	Invoice date (mandatory)
duedate	date	Due date
ourorder	string (25)	Order number
yourorder	string (25)	Customer order reference
seller	string(130)	Seller

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mark	string (20)	Goods label
deliverymethod	string (50)	Delivery method
deliverycondition	string (50)	Delivery conditions
deliverydate	date	Delivery date
message	string (500)	Invoice message
paymentcondition	integer	Payment conditions
interestcondition	string(50)	Interest conditions
interestrate	decimal	Interest rate
interestcode	string (10)	Interest code, for example FIXED = fixed interest ÖGR = above reference interest
interestfrom	date	Interest from
interestto	date	Interest to
ourreference	string (50)	Our reference
yourreference	string (50)	Your reference
periodoflimitation	integer	Period of limitation
limitationdate	date	Limitation date
receiverfullname	string (50)	Receiver – full name. Will even update customer information if it is not available
receiverstreet	string (200)	Receiver - address (may contain line break)
receivercity	string (30)	Receiver – city
receiverstatecode	string (2)	Receiver – state or region
receiverzipcode	string (10)	Receiver – zip code
receivercountrycode	string (2)	Receiver – country code according to ISO 3166-1 alpha-2
receiverfulladdress	string (250)	Receiver – full address with formatted zip code, (state code), city and country.
deliveryfullname	string (50)	Full name of to whom the delivery is done
deliverystreet	string (200)	Street name (and house number) of recipient (may contain line break)
deliverycity	string (30)	City of recipient
deliverystatecode	string (2)	State or region of recipient
deliveryzipcode	string (10)	zip code of recipient
deliverycountrycode	string (2)	country code according to ISO 3166-1 alpha-2 of recipient
deliveryfulladdress	string (250)	Full address with formatted zip code, (state code), city and country of recipient
specification	xml	Invoice specification in XML. According to agreement.
invoices/journal/invoice/debt/debtrows/debtrow		
summaryonly	boolean	true = sums up all invoice items on the original



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		invoice. Used by receivable ledger service.
textonly	boolean	true = text row, no digits should be used. The Description field contains the text
rowref	string (10)	Row reference
itemref	string (25)	Part number
debtfeecode	string (15)	Debt fee code: INVOICECHARGE = invoicing fee PACKANDSHIP = freight cost
description	string (200)	Description/text
callnumber	string (20)	Call number
calllength	integer	Call length
ordercount	integer	Ordered quantity
itemcount	string (10)	Invoiced quantity
remainingcount	string (10)	Remains to be delivered quantity
unittypeid	integer	Unit type, 1 = pce, 2 = hour, 3 = VAT ()
itemprincipal	money	Price per unit
itemssystemprincipal	money	Price per unit in book keeping currency
discount	money	Discount (positive figure)
principalamount	money	Net sum
systemprincipalamount	money	Net sum in book keeping currency
vatamount	money	VAT-amount
systemvatamount	money	VAT-amount in book keeping currency
vatcode	string (10)	VAT-code, for example SE25, SE12, SE0
accountchartcode	string (20)	Specification of revenue account
vataccountchartcode	string (20)	Specification of VAT-account
accountdim1	string (10)	Account dimension 1. According to agreement
accountdim2	string (10)	Account dimension 2. According to agreement
accountdim3	string (10)	Account dimension 3. According to agreement
accountdim4	string (10)	Account dimension 4. According to agreement
accountdim5	string (10)	Account dimension 5. According to agreement
accountdim6	string (10)	Account dimension 6. According to agreement
accountdim7	string (10)	Account dimension 7. According to agreement
accountdim8	string (10)	Account dimension 8. According to agreement
invoices/journal/invoice/debt/debtrows/debtrow/extrfield		
name	string (20)	Extra field name. Should be used according to agreement
data	string (200)	Value additional field
invoices/journal/invoice/fee		

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name	string (50)	Expense code. Is defined in table cfg_fee, for example REMIND = reminder fee
description	string (25)	Description of fee, ex "Reminder fee". If it's not set the description will be looked up in database
feedate	date	Fee from
principalamount	money	Expense, net sum
systemprincipalamount	money	Fee net amount in book keeping currency
vatamount	money	Expense, VAT-amount
systemvatamount	money	Fee vat amount in book keeping currency
interestamount	money	Interest amount
exchangerate	decimal	Exchange rate
currencycode	string (3)	Currency code according to ISO 4217
interestrate	decimal	Interest rate
interestcode	string (10)	Interest code, for example FIXED = fixed interest ÖGR = above reference interest
interestfrom	date	Interest from
interestto	date	Interest to
invoices/journal/invoice/transactions		
transactiontype	integer	Transaction type: 4 = payment 27 = credit
transamount	money	Transaction amount, same currency as in the invoice.
systemamount	money	Transaction amount in book keeping currency
specificationid	integer	Specification/cause. Should be used according to agreement.
doaccounting	boolean	Produce accounting transaction, default value is true
accountchartcode	string (20)	Account chart code (debit)
paymentsource	string (50)	Payment source. Should only be used if transaction type = 4
externalreference	string(50)	External payment reference. Should only be used if transaction type = 4
invoices/journal/invoice/paymentplan		
paymentplatype	integer	Type, 1 = Annuity, 3 = Flat
startdate	date	Date, first payment
periodcount	integer	Amount of payments
periodamount	money	Monthly amortization amount. If not filled in, it will be calculated from period count
firstamount	money	Amount first payment
interestrate	money	Interest rate, default copy client information
interestcode	string (10)	Interest code, default copy client information

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approved	boolean	Default = 1, approved plan
invoices/journal/invoice/extrafield		
name	string (20)	Name of invoice extra field. Is used according to agreement
data	string (200)	Value additional field
invoices/journal/invoice/note		
note	string (200)	A note about the invoice.
loggedat	dateTime	Timestamp for the note (used at migration)
systemcode	string (20)	System code (used at migration)
usercode	string (20)	User code (used at migration)
important	boolean	true = important note
histownertypeid	integer	Owner type (used at migration)
histnotetypeid	integer	Note type (used at migration)