



Software Development Kit
Import File Layout

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Introduction

This document describes the file layout of the import file (.IMP) that can be imported into Simply Accounting 2010 and later.

Transactions can be imported into Simply Accounting in two ways: from the Import Transactions command under the File menu in Simply Accounting or by invoking SAGE_SA_IMPORT.EXE. SAGE_SA_IMPORT.EXE is an application that is installed with Simply Accounting and handles the actual import into the data files.

If importing transactions from within Simply Accounting, a dialog will prompt you for the location of the import file, and the transactions will be imported to the current company data.

If importing transactions from SAGE_SA_IMPORT.EXE, pass in the filename of the import file and the company file. If at least one of these filenames is missing, a dialog will show up to prompt for the appropriate information.

The syntax is

```
sage_sa_import.exe xxx.imp xxx.sai
```

where the first parameter is the import filename and path, and the second is the Simply Accounting company .SAI file. No quotation marks are necessary.

File Layout

The import file consists of two parts: the header information and one or more transactions. Each part is enclosed in a pair of tags <>.

Header Information

The header section is enclosed between two tags: <version> and </version> and consists of the version number of Simply Accounting that generates the file, and the country code.

Field	Value	Comments
Version	12001	Compulsory*
Country Code	1 = Canada, 2 = USA, 3 = French, 7 = International	Compulsory*

For example:

```
<Version>
"12001", "1"
</Version>
```

Transactions

Simply Accounting supports several transaction types: purchase invoice, sales Invoice, sales order, purchase quote, adding a vendor, and adding a customer. Each transaction is wrapped in a pair of case-insensitive tags. The detail lines within the tags are comma separated, and strings must be in "".

For all transactions other than adding customers and vendors, the first line contains the vendor's or customer's information. The second line contains transaction options followed by a list of one or more detail lines.

All lines beginning with <! are comment lines. These lines are ignored.

Adding Customers or Vendors

To add customers and vendors, use the <customers> and <vendors> transaction types. This consists of one or more customer/vendor lines.

Field	Format	Comments
Name	Max 52 chars	Compulsory*
OneTimeFlag	1 = One-time customer or vendor, 0 = Existing customer or vendor	Optional**
Contact Name	Max 30 chars	Optional**
Street1	Max 50 chars	Optional**
Street2	Max 50 chars	Optional**
City	Max 35 chars	Optional**
Province/State	Max 20 chars	Optional**
Postal/Zip Code	Max 9 chars - unformatted	Optional**
Country	Max 30 chars	Optional**
Phone1	Max 25 chars – unformatted	Optional**
Phone2	Max 25 chars – unformatted	Optional**
Fax	Max 25 chars – unformatted	Optional**
Email	Max 50 chars	Optional**

For example:

```
<customers>
"Customer A", "0", "Contact", "A Street", "More Street Info", "A City", "A Prov", "A Country",
"V3M7Q3", "6045558471", "", "6045559132", "an@emailaddress.com"
</customers>
```

Purchase Invoices and Purchase Quotes

To add a purchase invoice, use the <purinvoice> transaction type. To add a purchase quote, use the <purquote> transaction type. Within the tags, there is one vendor line, one transaction option line, and one or more detail lines.

Purchase Invoice/Quote Transaction Options:

Field	Format	Comments
No. of Details	Must be >= 0	Compulsory*
Order/Quote No.	Max 20 chars	Compulsory* for Quote
Invoice No.	Max 20 chars	Invoice only
Entry Date	mm-dd-yyyy	Compulsory*
Ship Date	mm-dd-yyyy	Quote only
Total Amount	2 decimals	
Discount Rate	0.0 - 99.99 (2 dec.)	
Discount Days	0 – 999	
Net Days	0 – 99	
Freight Amount	2 decimals	Compulsory*
Tax Information	See TaxInformation table	

Purchase Invoice/Quote Detail Lines:

Field	Format	Comments
Item Number	Max 52 chars	Compulsory*
Quantity	4 decimals	

Price	4 decimals
Amount	2 decimals
Tax Information	See TaxInformation table

Sales Invoices

To add a sales invoice, use the <salinvoice> transaction type. This consists of one customer line, one transaction option line, and one or more detail lines.

Sales Invoice Transaction Options:

Field	Format	Comments
No. of Details	Must be >= 0	Compulsory*
Order No.	Max 20 chars	
Invoice No.	Max 20 chars	If blank, the next invoice number will be used
Entry Date	mm-dd-yyyy	Compulsory*
Paid By Type	0 - 3	0 - pay later 1 - cash 2 - Cheque 3 - credit card
Paid by Source	Max 20 chars	Blank - pay later and cash Cheque number or Credit Card Name
Total Amount	2 decimals	
Freight Amount	2 decimals	Compulsory*
Tax Information	See TaxInformation table	

Sales Invoice Detail Lines:

Field	Format	Comments
Item Number	Max 52 chars	Compulsory*
Quantity	4 decimals	
Price	4 decimals	
Amount	2 decimals	
Tax Information	See Tax Information table	

Sales Orders

To add a sales order, use the <salorder> transaction type. This consists of one customer line, one transaction option line, and one or more detail lines.

Sales Order Transaction Options:

Field	Format	Comments
No. of Details	Must be >= 0	Compulsory*
Order No.	Max 20 chars	Compulsory*
Entry Date	mm-dd-yyyy	Compulsory*
Ship Date	mm-dd-yyyy	Compulsory*
Total Amount	2 decimals	
Freight Amount	2 decimals	Compulsory*

Tax Information	See TaxInformation table
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Sales Order Detail Lines:

Field	Format	Comments
Item Number	Max 52 chars	Compulsory*
Quantity	4 decimals	
Price	4 decimals	
Amount	2 decimals	
Tax Information	See Tax Information table	

Note that for Sales Orders, the actual amounts will be recalculated based on the system tax rates.

*Compulsory

This field must have a value.

** Optional

This field can be skipped when importing purchase invoices, purchase quotes and sales orders. It is a compulsory field for adding vendors and customers.

Tax Information

For each tax authority in the tax code:

Field	Format	Comments
Tax Name	Max 20 chars	Compulsory*
Tax Included	1 = Yes, 0 = No	Compulsory*
Tax Refundable	1 = Yes, 0 = No	Compulsory*
Tax Rate	2 decimals	Compulsory*
Tax Amount	2 decimals	Compulsory*

Timeslips

To add a timeslip, use the <Timeslip> transaction type. This consists of one employee line, one transaction option line and one or more detail lines.

Employee Line:

Field	Format	Comments
Employee Name	Max 52 chars	Compulsory*

Time Slip Transaction Options:

Field	Format	Comments
No. of Details	Must be >= 0	Compulsory*
Time Slip No.	Max 20 chars	If blank, the next time slip number will be used
Entry Date	mm-dd-yyyy	Compulsory*

Time Slip Detail Lines:

Field	Format	Comments
Customer Name	Max 52 chars	Compulsory*
Item Number	Max 52 chars	Compulsory*
Time	hh:mm:ss	Compulsory*

*Compulsory

This field must have a value.

Sample Import File

```

<Version>
"12001", "1"
</Version>

<customers>
"name", "0", "Contact", "street", "street2", "city", "prov", "postal", "country", "phone",
"phone2", "fax", "email@emailaddress.com"
"name2", "0", "Contact", "street", "street2", "city", "prov", "postal", "country", "phone",
"phone2", "fax", "email@emailaddress.com"
</customers>

<vendors>
"name", "0", "Contact", "street", "street2", "city", "prov", "postal", "country", "phone",
"phone2", "fax", "an@emailaddress.com"
"name2", "0", "Contact", "street", "street2", "city", "prov", "postal", "country", "phone",
"phone2", "fax", "an@emailaddress.com"
</vendors>

<PurQuote>
<! This is the vendor line "name"
"UNIVERSAL CONSTRUCTION"
<! This is an option line
<! "no. of details", "quote no.", "entry date", "ship date", "total amount", "discount rate",
<! "discount days", "net days", "freight amt", "tax information"
"1", "203", "3-15-2000", "69.98", "2.00", "30", "60", "10.00", "GST", "0", "1", "7.00", "0.70"
<! This is a detail line
<! "item no.", "quantity", "price", "amt", "tax information"
"C1020", "20.0000", "2.6000", "52.00", "GST", "0", "1", "7.00", "3.64", "PST Charged", "0", "0", "7.00", "3.64"
</PurQuote>

<SallInvoice>
"UNIVERSAL CONSTRUCTION", , , "102-3701 East Hastings St.", , "Vancouver", "British
Columbia", "V5C2H6", , , , ,
"2", , , "3-15-2001", "3", "VISA", "67.84", "0.00"
"C1020", "2.0000", "4.7500", "9.50", "GST", "0", "1", "7.00", "0.67", "PST", "0", "0", "7.00", "0.67"
"H1020", "2.0000", "25.0000", "50.00", "GST", "0", "1", "7.00", "3.50", "PST", "0", "0", "7.00", "3.50"
</SallInvoice>

<Timeslip>
"Sianos, Janice"
"2", "1242", "3-15-2001"
"Customer5", "C1020", "02:00:00"
"Customer6", "C1020", "02:00:00"
</Timeslip>

```