

WAI IMPORT MODULE

(VERSION 7.15)

GENERAL

Not everyone wants to make use of a COM interface to transfer data to Wings. That is why an ASCII and XML link has been developed with more or less the same functionality as the Wings Accounting Interface (WAI).

The ASCII file has the form of a script file with more or less the same format conventions as an ordinary INI file. An example of such a file is mentioned below and is available as a separate file.

For the format of the XML file, a separate XSD schema file is available.

The fields and commands in the ASCII or XML file are the same as the ones for the Wings Accounting Interface (WAI), hence we refer to the WAI documentation for a complete description. XPATH references for the XML file interface are added to the WAI documentation.

USAGE

WAIimp is a stand-alone program that accepts several files as parameters. The program will show a dialog in order to specify an import file when no parameter has been specified. The files can be TXT, XML or ZIP. The ZIP file may contain a TXT or XML file with the same filename, together with attachment files.

Syntax:

```
WAIimp [<file1> [<file2> [...]]] [/silent]
```

WAIimp will read and process the specified files. The original file will first be copied to a file with the same name and with ".BAK" as extension. If an error occurs during the import, the data that not has been processed will be copied to the original file, in order to be able to retry the import. For YAnalytical, YCustomer, etc. this will always be all data until a failed "Send"-command; for YBooking a complete *batch* will be rejected in case of an error, i.e. all fields and commands until a "SendBatch"-command. The error messages are written to a separate file with the ".ERR" extension.

When the import succeeds without errors, the imported file will be deleted.

You can use the /silent flag to suppress screen messages.

FORMAT

The following rules apply for the formatting of the ASCII or XML file:

- do not use quotes for alphanumeric data; this also goes for parameters, e.g. UserDefinedField[MyField]=A01
- do not place an extra white space between the field name, the equals-sign and the value (TXT)
- enumeration types are only supported with their literal value, e.g. **1** and **2** instead of **acCreate** and **acModify**
- do not use thousand separators and use a dot ('.') as the decimal separator for numeric values
- when using attachments in a ZIP file, you can use {FILEPATH} to refer to the unzip directory

EXAMPLE (TEXT FILE)

```
[YConnection]
RootPath=C:\Wings
DossierID=1
Connect
[YCustomer]
Action=0
CustomerID=1
Name1=Peeters nv
Address1=Zavelstraat 26
CountryID=B
PostCode=1500
PlaceName=HALLE
VatNumber=BE100000070
Send
Action=0
CustomerID=2
Name1=Janssens bv
Address1=Nederhoevelaan 2
CountryID=NL
PostCode=1500 DF
PlaceName=ZAANDAM
VatNumber=NL000123481B01
CurrencyID=EUR
Memo=Openingsuren 9-12/13-17\nMaandag gesloten
Send
[YBooking]
Action=1
BookCode=V01
RunningNumber=000101
OpDate=20110309
HdrCurrencyID=EUR
DocumentSort=1
SendHeader
AccountType=2
AccountID=1
Comment=Invoice in EUR
LineAmountHC=12100
LineAmountDC=12100
SendDetail
AccountType=1
AccountID=704000
LineAmountHC=-12100
LineAmountDC=-12100
BaseAmountDC=-10000
VatAmountDC=-2100
VatCodeType=2
VatCode=21
SendDetail
SendBooking
SendBatch
Action=1
BookCode=V01
RunningNumber=000102
OpDate=20110310
HdrCurrencyID=EUR
DocumentSort=2
```

SendHeader
AccountType=2
AccountID=2
Comment=Credit Note in EUR
LineAmountHC=-1361.25
LineAmountDC=-1361.25
SettleNumber=1001
SendDetail
AccountType=1
AccountID=704000
LineAmountHC=1361.25
LineAmountDC=1361.25
BaseAmountDC=1125
VatAmountDC=236.25
VatCodeType=2
VatCode=21
SendDetail
SendBooking
SendBatch
[YConnection]
Disconnect

EXAMPLE (XML FILE)

```
<?xml version="1.0" encoding="UTF-8" ?>
- <WingsAccounting xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance">
- <Session>
  - <Connection>
    <RootPath>C:\Wings</RootPath>
    <DossierID>1</DossierID>
  </Connection>
  - <Customer>
    <Action>0</Action>
    <CustomerID>1</CustomerID>
    <Name1>Peeters nv</Name1>
    <Address1>Zavelstraat 26</Address1>
    <CountryISO2>BE</CountryISO2>
    <PostCode>1500</PostCode>
    <PlaceName>HALLE</PlaceName>
    <VatNumber>BE100000070</VatNumber>
  </Customer>
  - <Customer>
    <Action>0</Action>
    <CustomerID>2</CustomerID>
    <Name1>Janssens bv</Name1>
    <Address1>Nederhoevelaan 2</Address1>
    <CountryISO2>NL</CountryISO2>
    <PostCode>1500 DF</PostCode>
    <PlaceName>ZAANDAM</PlaceName>
    <VatNumber>NL000123481B01</VatNumber>
    <CurrencyID>EUR</CurrencyID>
    <Memo>Openingsuren 9-12/13-17\nMaandag gesloten</Memo>
  </Customer>
- <BookingBatch>
  - <Booking>
    - <Header>
      <Action>1</Action>
      <BookCode>V01</BookCode>
      <RunningNumber>000101</RunningNumber>
      <OpDate>20110309</OpDate>
      <HdrCurrencyID>EUR</HdrCurrencyID>
      <DocumentSort>1</DocumentSort>
    </Header>
    - <Detail>
      <AccountType>2</AccountType>
      <AccountID>1</AccountID>
      <Comment>Invoice in EUR</Comment>
      <LineAmountDC>12100</LineAmountDC>
      <LineAmountHC>12100</LineAmountHC>
    </Detail>
    - <Detail>
      <AccountType>1</AccountType>
      <AccountID>704000</AccountID>
      <LineAmountDC>-12100</LineAmountDC>
```

```
<LineAmountHC>-12100</LineAmountHC>
<BaseAmountDC>-10000</BaseAmountDC>
<VatAmountDC>-2100</VatAmountDC>
<VatCodeType>2</VatCodeType>
<VatCode>21</VatCode>
</Detail>
</Booking>
</BookingBatch>
- <BookingBatch>
- <Booking>
- <Header>
  <Action>1</Action>
  <BookCode>V01</BookCode>
  <RunningNumber>000102</RunningNumber>
  <OpDate>20110310</OpDate>
  <HdrCurrencyID>EUR</HdrCurrencyID>
  <DocumentSort>2</DocumentSort>
</Header>
- <Detail>
  <AccountType>2</AccountType>
  <AccountID>2</AccountID>
  <Comment>Credit Note in EUR</Comment>
  <LineAmountDC>-1361.25</LineAmountDC>
  <LineAmountHC>-1361.25</LineAmountHC>
  <SettleNumber>1001</SettleNumber>
</Detail>
- <Detail>
  <AccountType>1</AccountType>
  <AccountID>704000</AccountID>
  <LineAmountDC>1361.25</LineAmountDC>
  <LineAmountHC>1361.25</LineAmountHC>
  <BaseAmountDC>1125</BaseAmountDC>
  <VatAmountDC>236.25</VatAmountDC>
  <VatCodeType>2</VatCodeType>
  <VatCode>21</VatCode>
</Detail>
</Booking>
</BookingBatch>
</Session>
</WingsAccounting>
```