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Manual

Soap Version 5.4

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1 Structure

URL: <https://soap.e-boekhouden.nl/soap.asmx>

WSDL: <https://soap.e-boekhouden.nl/soap.asmx?wsdl>

For each session, the first step is to execute the 'OpenSession' function. This function holds three parameters:

- Username
- SecurityCode1
- SecurityCode2
- Source

The required data can be found in your e-Boekhouden.nl account at [Beheer > Instellingen > API/SOAP](#).

As a result of this function you will receive a session-ID. You will need to add this ID (and SecurityCode2) to every future call.

After opening the session you can carry out different calls on our system (more information can be found further down this document).

When you are done you can close the session by using the function 'CloseSession' in combination with the session-ID of that session.

2 WSDL

The WSDL sometimes differs from the information below. If in doubt, use the manual. This might cause some problems in case of automatically generated codes, based on the WSDL. If minOccurs is 0 it does not mean that the element is obligated. These are based on the nullable of the complete datatype. The necessity of these elements is described in this manual.

Important datatypes:

- s:long, integers, if required in WSDL but not in the manual, a 0 can be used. These values will be ignored. (e.g. ID in AddRelatie or ID in AddGrootboekrekening).
- s:dateTime, only the date (YYYY-MM-DD), if required in WSDL but not in the manual, today's date can be used. These values will be ignored. (e.g. AddDatum in AddRelatie).
- s:boolean, if not used, these will be interpreted as false.

3 Functions

Below you will find a list of all possible functions with the corresponding fields that are available. For each function there is an XML-structure example. This is the part within the SOAP-body. The spaces between [] need to be replaced by the different field options as described in each table. The R* column indicates whether a field is required (Y) or not (N). The M* column shows the maximum length of the fields.

3.1 AddFactuur

This function adds new invoices. These invoices will appear in e-Boekhouden.nl.

Important! If you want to add invoices and/or orders from a webshop or a similar source to e-Boekhouden.nl, use the AddMutatie function instead of AddFactuur.

Field	Type	R*	M*	Translation	Description
Factuurnummer	String	N	50	Invoice number	If left blank e-Boekhouden.nl will create an invoice number.
Relatiecode	String	Y	15	Relation code	
Datum	Date	Y		Date	Date must be between 1980 and 2049.
Betalingstermijn	Int	N		Prompt	
Factuursjabloon	String	Y	50	Invoice template	
PerEmailVerzenden	Boolean	N		Send by e-mail	
EmailOnderwerp	String	N	Max	E-mail subject	
EmailBericht	String	N	Max	E-mail body	
EmailVanAdres	String	N	150	E-mail sender address	

EmailVanNaam	String	N	150	E-mail sender name	
AutomatischeIncasso	Boolean	N		Direct debit	
IncassoIBAN	String	N	150	Direct debit IBAN	
IncassoMachtigingSoort	String	N	1	Direct debit authorization category	E: eenmalige machtiging (one-time authorization) D: doorlopende machtiging (continuous authorization)
IncassoMachtigingID	String	N	50	Direct debit authorization ID	
IncassoMachtigingDatumOndertekening	Date	N		Direct debit authorization signature date	
IncassoMachtigingFirst	Boolean	N		Direct debit authorization first	
IncassoRekeningNummer	String	N	150	Direct debit account number	
IncassoTnv	String	N	150	Direct debit att.	
IncassoPlaats	String	N	150	Direct debit place	



IncassoOmschrijvingRegel1	String	N	50	Direct debit description line 1	
IncassoOmschrijvingRegel2	String	N	50	Direct debit description line 2	
IncassoOmschrijvingRegel3	String	N	50	Direct debit description line 3	
InBoekhoudingPlaatsen	Boolean	N		In administration	
BoekhoudmutatieOmschrijving	String	N	200	Administration transaction description	
Regels	Array	Y		Lines	See fields below.
Aantal	Double	N		Number	If not specified: 0
Eenheid	String	N	50	Unit	<empty>, Piece, Box, Hour.
Code	String	Y	50	Code	
Omschrijving	String	Y	Max	Description	
PrijsPerEenheid	Double	N		Price per unit	
BTWCode	String	Y	12	VAT code	See BTW-codes (VAT codes) table
TegenrekeningCode	String	Y	10	Counter account code	
KostenplaatsID	Int	N		Cost centre ID	



Vragen of opmerkingen?

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3.1.1 Example XML

```
<soap:AddFactuur>
  <soap:SessionID>[SessionID]</soap:SessionID>
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
  <soap:oFact>
    [...]
    <soap:Regels>
      <soap:cFactuurRegel>
        [...]
      </soap:cFactuurRegel>
    </soap:Regels>
  </soap:oFact>
</soap:AddFactuur>
```

3.2 AddGrootboekrekening

This functions adds ledger accounts.

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Field	Type	R*	M*	Translation	Description
ID	Int	N		ID	Reserved, always use 0.
Code	String	Y	10	Code	The ledger account code has to be unique.
Omschrijving	String	Y	50	Description	
Categorie	String	Y	10	Category	BAL: Balans (balance) VW: Verlies & Winst (profit & loss)
Groep	String	N		Group	Not used

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3.2.1 Example XML

```
<soap:AddGrootboekrekening>
  <soap:SessionID>[SessionID]</soap:SessionID>
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
  <soap:oGb>
    [...]
  </soap:oGb>
</soap:AddGrootboekrekening>
```

3.3 AddMutatie

This function adds transactions to e-Boekhouden.nl.

Field	Type	R*	M*	Translation	Description
MutatieNr	Int	N		Transaction number	Automatically generated
Soort	String	Y	24	Category	One of these options: - FactuurOntvangen - FactuurVerstuurd - FactuurbetalingOntvangen - FactuurbetalingVerstuurd - GeldOntvangen - GeldUitgegeven - Memoriaal
Datum	Date	Y		Date	Date must be between 1980 and 2049.
Rekening	String	Y	10	Account	Ledger account code.
RelatieCode	String	Y	15	Relation code	
Factuurnummer	String	Y	50	Invoice number	
Boekstuk	String	N	50	Entry	



Omschrijving	String	Y	200	Description	
Betalingstermijn	String	Y	4	Prompt	
Betalingskenmerk	String	N	50		
InExBTW	String	N	2	VAT included/excluded	IN of EX.
MutatieRegels	Array	Y		Transaction lines	See fields below.
BedragInvoer	Decimal	Y		Price input	
BedragExclBTW	Decimal	Y		Price ex. VAT	
BedragBTW	Decimal	Y		VAT	
BedragInclBTW	Decimal	Y		Price in. VAT	
BTWCode	String	Y	12	VAT code	See BTW-codes (VAT codes) table.
BTWPercentage	Decimal	Y		VAT percentage	
TegenrekeningCode	String	Y	10	Counter account code	
KostenplaatsID	Int	N		Cost centre ID	

3.3.1 Example XML

```

<soap:AddMutatie>
  <soap:SessionID>[SessionID]</soap:SessionID>
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
  <soap:oMut>
    [...]
    <soap:MutatieRegels>
      <soap:cMutatieRegel>
        [...]
      </soap:cMutatieRegel>
    </soap:MutatieRegels>
  </soap:oMut>

```

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</soap:AddMutatie>

3.4 AddRelatie

This function adds relations to your system. Code and company name are mandatory.

Field	Type	R*	M*	Translation	Description
ID	Int	N		ID	
AddDatum	Date	N		Add date	
Code	String	Y	15	Code	Must be unique
Bedrijf	String	Y	100	Company	Company or (in case of private individual) personal name.
Contactpersoon	String	N	150	Contact person	Not used for private persons.
Geslacht	String	N	1	Gender	m (male) or v (female).
Adres	String	N	150	Address	Company address.
Postcode	String	N	50	Zip code	
Plaats	String	N	50	Place	
Land	String	N	50	Country	
Adres2	String	N	150	Address 2	Postal address.
Postcode2	String	N	50	Zip code 2	
Plaats2	String	N	50	Place 2	
Land2	String	N	50	Country 2	
Telefoon	String	N	50	Phone number	
GSM	String	N	50	Cell phone number	
FAX	String	N	50	Fax number	
Email	String	N	150	E-mail address	
Site	String	N	50	Site	Website.
Notitie	String	N	Max	Note	
Bankrekening	String	N	50	Bank account	Deprecated, use IBAN.



Girorekening	String	N	50	Giro account	Deprecated, use IBAN.
BTWNummer	String	N	50	VAT number	
KvkNummer	String	N	50		
Aanhef	String	N	50	Preamble	
IBAN	String	N	50	IBAN	
BIC	String	N	50	BIC	
BP	String	J	1	Business or private	Use B (standard) for companies, use P for private individuals.
Def1 t/m Def10	String	N	100	Definition 1-10	Vrij veld (user defined field) 1 t/m 10.
LA	String	N	1	Members administration	Standard 0. Change only when you also use the members administration module. For members, use 1.
GB_ID	Int	N		Ledger account ID	
GeenEmail	Int	N		No e-mail	
NieuwsbriefGroepenCount	Int	N		Newsletter group and count	Reserved, not used

3.4.1 Example XML

```
<soap:AddRelatie>
```

```
  <soap:SessionID>[SessionID]</soap:SessionID>
```

```
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
```

```
<soap:oRel>
```

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```
[...]
</soap:oRel>
</soap:AddRelatie>
```

3.5 AutoLogin

This function can be used to enable single sign-on. The token you receive should be sent to:

[https://secure.e-boekhouden.nl/bh/inloggen.asp?LOGIN=1&t=\[TOKEN\]&g=\[Beveiligingscode2\]](https://secure.e-boekhouden.nl/bh/inloggen.asp?LOGIN=1&t=[TOKEN]&g=[Beveiligingscode2])

Field	Type	R*	M*	Translation	Description
Username	String	Y	55	Username	
SessionID	String	Y	50	SessionID	
SecurityCode2	String	Y	50	SecurityCode2	

3.5.1 Example XML

```
<soap:AutoLogin>
  <soap:Username>[Username]</soap:Username>
  <soap:SessionID>[SessionID]</soap:SessionID>
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
</soap:AutoLogin>
```

3.6 CloseSession

This function closes the current session.

Field	Type	R*	M*	Translation	Description
SessionID	String	Y	38	Session ID	

3.6.1 Example XML

```
<soap:CloseSession>
  <soap:SessionID>[SessionID]</soap:SessionID>
</soap:CloseSession>
```

3.7 GetAdministraties

This function collects linked administrations.

Field	Type	R*	M*	Translation	Description
SessionID	String	Y	50	SessionID	
SecurityCode2	String	Y	50	SecurityCode2	

3.7.1 Example XML

```
<soap:GetAdministraties>
  <soap:SessionID>[SessionID]</soap:SessionID>
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
</soap:GetAdministraties>
```

3.7.2 Connected fields

This option collects the following data from e-Boekhouden.nl:

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Field	Description
<Bedrijf>	Company name
<Plaats>	Place of business
<GUID>	Security Code 2
<Start boekjaar>	Date of commencement of financial year

3.8 GetArtikelen

This function collects the products from your account.

Field	Type	R*	M*	Translation	Description
ArtikelID	Int	N		Product ID	
ArtikelOmschrijving	String	N	Max	Product description	
ArtikelCode	String	N	20	Product code	
GroepOmschrijving	String	N	50	Group description	

Vragen of opmerkingen?

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GroepCode | String | N | 50 | Group code

3.8.1 Example XML

```
<soap:GetArtikelen>
  <soap:SessionID>[SessionID]</soap:SessionID>
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
  <soap:cFilter>
    [...]
  </soap:cFilter>
</soap:GetArtikelen>
```

3.8.2 Connected fields

This option collects the following data from e-Boekhouden.nl:

Field	Description
<ArtikelID>	Unique number per Product
<ArtikelOmschrijving>	Description of Product
<Artikelcode>	Code of Product
<GroepOmschrijving>	Description of Productgroup
<Groepcode>	Code of Productgroup
<Eenheid>	Unit of Product
<Inkoopprijs Excl btw>	Purchase price excl. VAT
<Verkoopprijs Excl btw>	Sellingprice excl. VAT
<Verkoopprijs Incl btw>	Sellingprice incl. VAT
<Btw-code>	VAT code of Product
<Tegenrekeningcode>	Ledger number
<BTW percentage>	VAT rate of Product
<Kostenplaats>	Cost center of Product
<Actief>	Is the product active in e-Boekhouden.nl?

3.9 GetFacturen

This function collects invoices.

Field	Type	R*	M*	Translation	Description
Factuurnummer	String	N	50	Invoice number	
Relatiecode	String	N	15	Relation code	
DatumVan	Date	N		Date from	
DatumTm	Date	N		Date untill	

3.9.1 Example XML

```
<soap:GetFacturen>
  <soap:SessionID>[SessionID]</soap:SessionID>
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
  <soap:cFilter>
    [...]
  </soap:cFilter>
</soap:GetFacturen>
```

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3.9.2 Connected fields

This option collects the following data from e-Boekhouden.nl:

Field	Description
<Factuurnummer>	Invoicenummer
<Relatiecode>	Code of Relation
<Datum>	Date of Invoice
<Betalingstermijn>	Payment term of Invoice
<Totaal excl btw>	Total amount of Invoice excl. VAT
<Totaal BTW>	Total amount of VAT
<Totaal incl BTW>	Total amount of Invoice incl. VAT
<Totaal Openstaand>	Total unpaid amount of Invoice

Vragen of opmerkingen?

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<URLPDFBestand>	PDF-file of Invoice
<Regels>	Lines on Invoice

The invoice-lines contain the following information:

<Aantal>	Number of items
<Eenheid>	Unit of Product
<Code>	Code of the Product
<Omschrijving>	Description of Product
<Btw code>	Vat code of Product
<Tegenrekeningcode>	Ledgernumber in case of sale
<KostenplaatsID>	Cost center ID

3.10 GetGrootboekrekeningen

This function collects ledger accounts.

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Field	Type	R*	M*	Translation	Description
ID	Int	N		ID	
Code	String	N	10	Code	
Categorie	String	N	10	Category	BAL: Balans (balance) VW: Verlies & Winst (profit & loss)

3.10.1 Example XML

```
<soap:GetGrootboekrekeningen>
  <soap:SessionID>[SessionID]</soap:SessionID>
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
  <soap:cFilter>
    [...]
  </soap:cFilter>
</soap:GetGrootboekrekeningen>
```

Vragen of opmerkingen?

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```

    </soap:cFilter>
</soap:GetGrootboekrekeningen>

```

3.10.2 Connected fields

This option collects the following data from e-Boekhouden.nl:

Field	Description
<ID>	Unique number per ledger
<Code>	Code of Ledger
<Omschrijving>	Description of ledger
<Categorie>	Category of ledger
<Groep>	Group of ledger

3.11 GetKostenplaatsen

This function collects cost centers.

Field	Type	R*	M*	Translation	Description
KostenplaatsID	Int	N			
KostenplaatsParentID	Int	N	10		
Omschrijving	String	N	50	Description	

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3.11.1 Example XML

```

<soap:GetKostenplaatsen>
  <soap:SessionID>[SessionID]</soap:SessionID>
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
  <soap:cFilter>
    [...]
  </soap:cFilter>
</soap:GetKostenplaatsen>

```

3.11.2 Connected fields

This option collects the following data from e-Boekhouden.nl:

Field	Description
< Kostenplaats>	Unique number per Cost Center
< Omschrijving>	Description of Cost Center
< KostenplaatsParentID>	In case of sub Cost Centers, under which main Cost Center belongs Cost Center?

3.12 GetMutaties

This function collects transactions. Only the last 500 transactions will be collected. This function has a limit of 5.000 calls a month.

Field	Type	R*	M*	Translation	Description
MutatieNr	Int	N		Transaction nr	
MutatieNrVan	Int	N			Greater or equal to
MutatieNrTm	Int	N			Lesser or equal to
Factuurnummer	String	N	50	Invoice number	
DatumVan	Date	N		Date from	Greater or equal to
DatumTm	Date	N		Date until	Lesser or equal to

3.12.1 Example XML

```
<soap:GetMutaties>
  <soap:SessionID>[SessionID]</soap:SessionID>
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
  <soap:cFilter>
    [...]
  </soap:cFilter>
</soap:GetMutaties>
```



3.12.2 Connected fields

This option collects the following data from e-Boekhouden.nl:

Field	Description
<Mutatienr>	Transaction number
<Soort>	Sort of transaction
<Datum>	Date of Transaction
<Rekening>	Ledger of transaction
<Relatiecode>	Code of Relation linked to Transaction
<Factuurnummer>	Invoicenummer in transaction
<Boekstuk>	Voucher of Transaction
<Omschrijving>	Description of Transaction
<Betalingstermijn >	Payment term of transaction
<InExbtw>	Is this transaction incl. or excl. VAT
<MutatieRegels>	Transaction lines

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The invoice-lines contain the following information:

<BedragInvoer>	Amount entered
<BedragExclBTW>	Transactionamount excl. VAT
<BedragBTW>	VAT amount of Transaction
<Factuurnummer>	Invoicenummer in transaction
<TegenrekeningCode>	Ledger of transaction
<KostenplaatsID>	Unique number per Cost Center

3.13 GetOpenPosten

This functions collects a list of vacant posts (debtors and creditors).

Field	Type	R*	M*	Translation	Description
OpSoort	String	Y	11	Vacant posts category	One of these options: - Debiteuren - Crediteuren

3.13.1 Example XML

```
<soap:GetOpenPosten>  
  <soap:SessionID>[SessionID]</soap:SessionID>  
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>  
  <soap:OpSoort>Debiteuren</soap:OpSoort>  
</soap:GetOpenPosten>
```

3.13.2 Connected fields

This option collects the following data from e-Boekhouden.nl:

Field	Description
<MutDatum>	Date of Transaction
<MutFactuur>	Invoicenummer
<Relcode>	Relationcode
<Relbedrijf>	Name of Relation
<Bedrag>	Invoice amount
<Voldaan>	Paid amount
<Openstaand>	Unpaid amount

3.14 GetRelaties

This functions collects a single relation or a list of relations.

Field	Type	R*	M*	Translation	Description
Trefwoord	String	N	Max	Keyword	
Code	String	N	15	Code	
ID	Int	N		ID	

3.14.1 Example XML

```
<soap:GetRelaties>
  <soap:SessionID>[SessionID]</soap:SessionID>
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
  <soap:cFilter>
    [...]
  </soap:cFilter>
</soap:GetRelaties>
```

3.14.2 Connected fields

This option collects the following data from e-Boekhouden.nl:

Field	Description
<ID>	Unique number per relation
<Adddatum>	Date of adding relation
<Code>	Code of Relation
<Bedrijf>	Name of Relation
<Contactpersoon>	Name of contact of Relation
<Geslacht>	Gender of Relation
<Adres>	Business adress
<Postcode>	Postal code of business adress
<Plaats>	Business address
<Land>	Country of the location address
<Adres2>	Mailing Adress
<Postcode2>	Postal code of the postal address

Vragen of opmerkingen?

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<Plaats2>	Place of postal address
<Land2>	Country of postal address
<Telefoon>	Phone number of Relation
<FAX>	Faxnumber of Relation
<Email>	E-mailadres of Relation
<Site>	Website of Relation
<Notitie>	Note field for relation details
<Bankrekening>	Bank account number of relation
<Girorekening>	Giro account number of relation
<Btw-nummer>	VAT number of Relation
<KvkNummer>	Kvk number of relation
<Aanhef>	Salutation of Relation
<IBAN>	IBAN number of relation
<BIC>	BIC of IBAN of Relation
<BP>	Business/Private
<Def1>	User defined Field 1
<Def2>	User defined Field 2
<Def3>	User defined Field 3
<Def4>	User defined Field 4
<Def5>	User defined Field 5
<Def6>	User defined Field 6
<Def7>	User defined Field 7
<Def8>	User defined Field 8
<Def9>	User defined Field 9
<Def10>	User defined Field 10
Geen e-mail	Relation does not want to receive newsletters
Nieuwsbriefgroepen	Relation is assigned to the following newsletter groups

3.15 GetSaldo

This function collects balances of specific ledger accounts or cost centres.

Field	Type	R*	M*	Translation	Description
GbCode	String	Y	10	Ledger account code	
KostenPlaatsId	Int	Y		Cost centre ID	
DatumVan	Date	N		Date from	
DatumTot	Date	N		Date until	

3.15.1 Example XML

```
<soap:GetSaldo>
  <soap:SessionID>[SessionID]</soap:SessionID>
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
  <soap:cFilter>
    [...]
  </soap:cFilter>
</soap:GetSaldo>
```

3.15.2 Connected fields

This option collects the following data from e-Boekhouden.nl:

Field	Description
<Saldo>	Balance of requested ledger

3.16 OpenSession

This function opens a session and creates a session-ID that can be used for every future call.

Field	Type	R*	M*	Translation	Description
Username	String	Y	55	Username	
SecurityCode1	String	Y	50	Security Code 1	
SecurityCode2	String	Y	50	Security Code 2	
Source	String	N	15	Source	

3.16.1 Example XML

```
<soap:OpenSession>
  <soap:Username>[Username]</soap:Username>
  <soap:SecurityCode1>[SecurityCode1]</soap:SecurityCode1>
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
  <soap:Source>[SOURCE]</soap:Source>
</soap:OpenSession>
```


3.17 UpdateGrootboekrekening

This functions allows you to change ledger accounts.

Field	Type	R*	M*	Translation	Description
ID	Int	Y		ID	
Code	String	Y	10	Code	Ledger account code must be unique.
Omschrijving	String	Y	50	Description	
Categorie	String	Y	10	Category	BAL: Balans (balance) VW: Verlies & Winst (profit & loss)
Groep	String	N		Group	

3.17.1 Example XML

```
<soap:UpdateGrootboekrekening>
  <soap:SessionID>[SessionID]</soap:SessionID>
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
  <soap:oGb>
    [...]
  </soap:oGb>
</soap:UpdateGrootboekrekening>
```

3.18 UpdateRelatie

This function allows you to change relations.

Field	Type	R*	M*	Translation	Description
ID	Int	Y		Id	
AddDatum	Date	N		Add date	
Code	String	Y	15	Code	
Bedrijf	String	Y	100	Company	
Contactpersoon	String	N	50	Contact person	
Geslacht	String	N	1	Gender	M (male) or V (female).
Adres	String	N	150	Address	Company address
Postcode	String	N	50	Zip code	
Plaats	String	N	50	Place	
Land	String	N	50	Country	
Adres2	String	N	150	Address 2	Postal address.
Postcode2	String	N	50	Zip code 2	
Plaats2	String	N	50	Place 2	
Land2	String	N	50	Country 2	
Telefoon	String	N	50	Phone number	
GSM	String	N	50	Cell phone number	
FAX	String	N	50	Fax number	
Email	String	N	150	E-mail address	
Site	String	N	50	Site	Website
Notitie	String	N	Max	Note	
Bankrekening	String	N	50	Bank account	Deprecated, use IBAN.
Girorekening	String	N	50	Giro account	Deprecated, use IBAN.
BTWNummer	String	N	50	VAT number	
KvkNummer	String	N	50		

Aanhef	String	N	50	Preamble	
IBAN	String	N	50	IBAN	
BIC	String	N	50	BIC	
BP	String	J	1	Business or private	Use B (standard) for companies, use P for private individuals.
Def1 t/m Def10	String	N	100	Definition 1-10	Vrij veld (user defined field) 1 t/m 10.
LA	String	N	1	Member administration	Standard 0. Change only when you also use the members administration module. For members, use 1.
GB_ID	Int	N		Ledger account ID	
GeenEmail	Int	N		No e-mail	
NieuwsbriefGroepenCount	Int	N		Newsletter group and count	Gives the number of connected Newslettergroups

3.18.1 Example XML

```
<soap:UpdateRelatie>
  <soap:SessionID>[SessionID]</soap:SessionID>
  <soap:SecurityCode2>[SecurityCode2]</soap:SecurityCode2>
  <soap:oRel>
    [...]
  </soap:oRel>
</soap:UpdateRelatie>
```

Vragen of opmerkingen?

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e-Boekhouden.nl gratis uitproberen

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4 List of available BTW-codes (VAT codes)

HOOG_VERK	BTW hoog, verkopen 19%	VAT high, sales 19%
HOOG_VERK_21	BTW hoog, verkopen 21%	VAT high, sales 21%
LAAG_VERK	BTW laag, verkopen	VAT low, sales *
LAAG_VERK_9	BTW laag, verkopen 9%	VAT low, sales 9%
LAAG_VERK_L9	BTW Verlegd 9% (1e op de btw-aangifte)	VAT Reverse charge 9%
VERL_VERK	BTW Verlegd 21% (1e op de btw-aangifte)	VAT reverse charge 21%
AFW	Afwijkend btw-tarief verkoop	Variable VAT sales
BU_EU_VERK	Leveringen naar buiten de EU 0%	Sales outside EU 0%
BI_EU_VERK	Goederen naar binnen de EU 0%	Goods inside EU 0%
BI_EU_VERK_D	Diensten naar binnen de EU 0%	Services inside EU 0%
AFST_VERK	Afstandsverkopen naar binnen de EU 0%	Distance sales inside EU 0%
LAAG_INK	BTW laag, inkopen	VAT low, stock *
LAAG_INK_9	BTW laag, inkopen 9%	VAT low, stock 9%
VERL_INK_LG	BTW verlegd, laag, inkopen	VAT reversed charge, low, purchase
HOOG_INK	BTW hoog, inkopen	VAT high, stock
HOOG_INK_21	BTW hoog, inkopen 21%	VAT high, stock 21%
VERL_INK	BTW verlegd, hoog, inkopen	VAT reversed charge, high, purchase
AFW_VERK	Afwijkend btw-tarief verkoop	Variable VAT purchase
BU_EU_INK	Leveringen/diensten van buiten de EU 0%	Purchase outside EU 0%
BI_EU_INK	Leveringen/diensten van binnen de EU 0%	Purchase insie EU 0%
GEEN	Geen BTW	No VAT

* Is the transaction date after 01.01.2019? The 9% VAT rate will be applied, in transactions before 2019 6% will be used.

5 Frequently asked questions

How do I add a boolean value?

Use 0 or 1, or false or true (lower case letters).

What date format should I use?

The date format is: 2000-01-31 (YYYY-MM-DD).

What decimal format should I use?

Use a 2 decimal format with a full stop as separator. There is no separation for thousands: 1234.95.

Do all tags need to be present in a call?

Yes. All tags must be present. Unused numerical tags must be defined as 0.

Where do I find my API-codes?

To use the API you need two safety codes that can be found at [Beheer > Instellingen > API/SOAP](#).

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Can I add a CC-field for e-mailing invoices?

No. Unfortunately this is not possible.

Does the API support webhooks:?

No. It is not possible for e-Boekhouden.nl to trigger URL's on every change in the administration. Every action needs to be initiated by a separate call.

Can I test the API?

All calls are directly implemented in e-Boekhouden.nl. To test the API an extra test account can be used. Another option is to delete all data after successfully testing the API. Testing without programming is also a possibility by using SoapUI for example. In that case you will need the WSDL: <http://soap.e-boekhouden.nl/soap.asmx?wsdl>.

¹ A webhook is a URL, triggered by an application (e-Boekhouden.nl) upon any changes.

Vragen of opmerkingen?

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I changed my password and the API stopped working.

After changing your password, SecurityCode1 changes and causes the API to stop working.

What ledger account is used for the AddFactuur function?

If you have more than one debtor account in your administration the one with the lowest code is selected.

6 Example code PHP

This example PHP-script shows the ledger accounts of the balance type.

```
<?php
// define variables

// check e-boekhouden.nl -> 'Beheer' > 'Inrichting' > 'Instellingen' >
'Koppelingen' > 'API/SOAP'.

$SoapBaseUrl = "https://soap.e-boekhouden.nl/soap.asmx?WSDL";
$Username = "[username]";
$SecurityCode1 = "[securitycode1]";
$SecurityCode2 = "[securitycode2]";

try {
    $client = new SoapClient($SoapBaseUrl);
    // open session and get sessionID
    $params = [
        "Username" => $Username,
        "SecurityCode1" => $SecurityCode1,
        "SecurityCode2" => $SecurityCode2
    ];

    $response = $client->__soapCall("OpenSession", [$params]);
    checkforerror($response, "OpenSessionResult");

    $SessionID = $response->OpenSessionResult->SessionID;

    echo "SessionID: " . $SessionID;
    echo "<hr>";
}
```

```

// get all ledger accounts of the balance type
$params = array(

    "SecurityCode2" => $SecurityCode2,
    "SessionID"     => $SessionID,
    "cFilter"       => array(
        "ID"         => 0,
        "Code"       => "",
        "Categorie" => "BAL"
    )
);

$response = $client->__soapCall("GetGrootboekrekeningen", [$params]);
checkforerror($response, "GetGrootboekrekeningenResult");

$Rekeningen = $response->GetGrootboekrekeningenResult->Rekeningen;
// if result, create array
    if (!is_array($Rekeningen->cGrootboekrekening))
        $Rekeningen->cGrootboekrekening = array($Rekeningen-
>cGrootboekrekening);

    // show all ledger accounts
echo '<table>';
echo '<tr><th>ID</th><th>Code</th><th>Omschrijving</th>';
echo '<th>Categorie</th><th>Groep</th></tr>';

foreach ($Rekeningen->cGrootboekrekening as $Rekening) {
    echo '<tr>';
    echo '<td>' . $Rekening->ID . '</td>';
    echo '<td>' . $Rekening->Code . '</td>';
    echo '<td>' . $Rekening->Omschrijving . '</td>';
    echo '<td>' . $Rekening->Categorie . '</td>';
    echo '<td>' . $Rekening->Groep . '</td>';
}

```

```

        echo '</tr>';
    }
    echo '</table>';

    // close session
    $params = array(
        "SessionID" => $SessionID
    );
    $response = $client->__soapCall("CloseSession", array($params));
}
catch (SoapFault $soapFault) {
    echo '<strong>Er is een fout opgetreden:</strong><br>';
    echo $soapFault;
}
// standard error handling
function checkforerror($rawresponse, $sub)
{
    $errorMsg = $rawresponse->$sub->ErrorMsg;
    $LastErrorCode = isset($errorMsg->LastErrorCode) ? $errorMsg->LastErrorCode : '';
    $LastErrorDescription = isset($errorMsg->LastErrorDescription) ? $errorMsg->LastErrorDescription : '';

    if ($LastErrorCode <> '') {
        echo '<strong>Er is een fout opgetreden:</strong><br>';
        echo $LastErrorCode . ': ' . $LastErrorDescription;
        exit;
    }
}
}

```


7 Example code C#

This example C# code shows the ledger accounts of the balance type.

```
using System;

namespace SoapExample
{
    public class Program
    {
        static void Main()
        {
            // https://soap.e-boekhouden.nl/soap.asmx?WSDL
            // add as Service Reference with namespace EbApi

            // define variables
            // check e-boekhouden.nl -> 'Beheer' > 'Instellingen' > 'Magento'.
            const string username = "[username]";
            const string securityCode1 = "[securitycode1]";
            const string securityCode2 = "[securitycode2]";

            using (var client = new EbApi.soapAppSoapClient())
            {
                // open session and get sessionID
                var osResult = client.OpenSession(username, securityCode1,
securityCode2);
                if (CheckForError(osResult.ErrorMessage)) return;

                var sessionId = osResult.SessionID;
                Console.WriteLine("SessionID: " + sessionId);
                Console.WriteLine("-----");

                // get all ledger accounts of the balance type
                var filter = new EbApi.cGrootboekrekeningFilter {Categorie =
"BAL"};
                var ggResult = client.GetGrootboekrekeningen(sessionId,
securityCode2, filter);
                if (CheckForError(ggResult.ErrorMessage)) return;

                Console.WriteLine($"{0,8} {1,5} {2,4} {3} {4} Omschrijving
(Groep)");
                foreach (var rekening in ggResult.Rekeningen)
                {
                    Console.WriteLine(
                        $"{0,8} {1,5} {2,4} {3} ({4})",
                        rekening.ID,
                        rekening.Code,
                        rekening.Categorie,
                        rekening.Omschrijving,
                        rekening.Groep);
                }

                // close session
            }
        }
    }
}
```

```

        client.CloseSession(sessionId);
    }
}

static bool CheckForError(EbApi.cError errorMsg)
{
    if (string.IsNullOrEmpty(errorMsg?.LastErrorCode))
        return false;
    Console.WriteLine($"Error: {errorMsg.LastErrorCode}
{errorMsg.LastErrorDescription}");
    return true;
}
}
}

```

8 Example code VB.NET

This example VB.NET code shows the ledger accounts of the balance type.

```

Module Program
    Sub Main()
        ' https://soap.e-boekhouden.nl/soap.asmx?WSDL
        ' add as Service Reference with namespace EbApi

        ' define variables
        ' check e-boekhouden.nl -> 'Beheer' > 'Instellingen' > 'Magento'.
        Const username = "[username]"
        Const securityCode1 = "[securitycode1]"
        Const securityCode2 = "[securitycode2]"

        Using client As New EbApi.soapAppSoapClient()
            ' sessie openen en sessionid ophalen
            Dim osResult = client.OpenSession(username, securityCode1,
securityCode2)
            If (CheckForError(osResult.ErrorMessage)) Then
                Return
            End If

            Dim sessionId = osResult.SessionID
            Console.WriteLine("SessionID: " + sessionId)
            Console.WriteLine("-----")

            ' get all ledger accounts of the balance type
            Dim filter = New EbApi.cGrootboekrekeningFilter()
            filter.Categorie = "BAL"
            Dim ggResult = client.GetGrootboekrekeningen(sessionId, securityCode2,
filter)

            If (CheckForError(ggResult.ErrorMessage)) Then Return

            Console.WriteLine($"{"ID",8} {"Code",5} {"Cat",4} Omschrijving
(Groep)")
            For Each rekening In ggResult.Rekeningen
                Console.WriteLine(
                    "{0,8} {1,5} {2,4} {3} ({4})",
                    rekening.ID,

```

```

        rekening.Code,
        rekening.Categorie,
        rekening.Omschrijving,
        rekening.Groep)
    Next

    ' close session
    client.CloseSession(sessionId)
End Using

End Sub

Private Function CheckForError(errorMsg As EbApi.cError) As Boolean
    If (String.IsNullOrEmpty(errorMsg?.LastErrorCode)) Then
        Return False
    End If
    Console.WriteLine($"Error: {errorMsg.LastErrorCode}
{errorMsg.LastErrorDescription}")
    Return True
End Function
End Module

```

9 Example codes NodeJS

This example NodeJS code shows the products on the screen.

```

const requestArgs = {
  Username: "[username]",
  SecurityCode1: "[securitycode1]",
  SecurityCode2: "[securitycode2]",
};

const soap = require("strong-soap").soap;

const url = "https://soap.e-boekhouden.nl/soap.asmx?wsdl";
const options = {
  envelopeKey: "soap",
  wsdl_options: {
    xmlKey: "$xml",
    overrideRootElement: {
      namespace: "xmlns:soap",
    },
  },
};

soap.createClient(url, options, function (err, client) {
  const method = client["OpenSession"];
  console.log(Object.keys(client));

  method(requestArgs, function (err, result, envelope, soapHeader) {
    //response envelope
    console.log("Response Envelope: \n" + envelope);
    //'result' is the response body
    console.log("Result: \n" + JSON.stringify(result));
    const GetArtikelen = client["GetArtikelen"];
    let art = GetArtikelen(

```

```

    {
      SessionID: result.OpenSessionResult.SessionID,
      SecurityCode2: requestArgs.SecurityCode2,
      cFilter: {},
    },
    (err, result) => {
      console.log(err, JSON.stringify(result));
    }
  );
  console.log("Artikelen: \n" + JSON.stringify(art));
});
});

```

10 Possible errors

Code	Description	Function	Explanation
CFACT004	Date is missing	Addfactuur	Date is missing or not between 1980 and 2049
CFACT006	An invoice must contain at least 1 and maximal 100 lines	Addfactuur	
CFACT014	Prompt is missing	Addfactuur	
CFACT024	Relation code is missing	Addfactuur	
CFACT025	Relation is unknown	Addfactuur	
CFACT026	Invoice number is not available	Addfactuur	
CFACT027	No invoice template chosen	Addfactuur	
CFACT028	Invoice template is missing	Addfactuur	
CFACT029	EmailBericht (e-mail body) is missing	Addfactuur	If PerEmailVerzenden is activated
CFACT030	EmailVanAdres (e-mail sender address) is missing	Addfactuur	If PerEmailVerzenden is activated
CFACT031	EmailOnderwerp (e-mail subject) is missing	Addfactuur	If PerEmailVerzenden is activated

CFACT032	BoekhoudmutatieOmschrijving (transaction description) is missing	Addfactuur	If InBoekhouding is activated
CFACT033	IncassoRekeningNummer (direct debit account number) is missing	Addfactuur	If AutomatischeIncasso is activated
CFACT034	IncassoTnv (direct debit name) is missing	Addfactuur	If AutomatischeIncasso is activated
CFACT035	IncassoPlaats (direct debit centre) is missing	Addfactuur	If AutomatischeIncasso is activated
CFACT036	IncassoOmschrijvingRegel1 (direct debit description line 1) is missing	Addfactuur	If AutomatischeIncasso is activated
CFACT037	Code line x is missing	Addfactuur	
CFACT038	BTW-code (VAT code) line x is missing	Addfactuur	
CFACT039	Omschrijving (description) line x is missing	Addfactuur	
CFACT040	TegenrekeningCode (counter account code) rule x is missing	Addfactuur	
CFACT041	BTW-code (VAT code) line x is missing	Addfactuur	
CFACT042	Invalid BTW-code (VAT code) line x	Addfactuur	
CFACT212	Kostenplaats (cost centre) line x does not exist	Addfactuur	
CGB001	Code is not available	AddGrootboekrekening	
CGB001.1	Code is not available	UpdateGrootboekrekening	
CGB002	Omschrijving (description) is missing	AddGrootboekrekening	

CGB002.1	Omschrijving (description) is missing	UpdateGrootboekrekening	
CGB005	Categorie (category) is missing: VW (Verlies&Winst) or BAL (Balans)	AddGrootboekrekening	
CGB005.1	Categorie (category) is missing: VW (Verlies&Winst) or BAL (Balans)	UpdateGrootboekrekening	
CGB006	Categorie (category) is incorrect: VW (Verlies&Winst) or BAL (Balans)	AddGrootboekrekening	
CGB006.1	Categorie (category) is incorrect: VW (Verlies&Winst) or BAL (Balans)	UpdateGrootboekrekening	
CGN003	Code is missing	AddGrootboekrekening	
CGN003.1	Code is missing	UpdateGrootboekrekening	
CMUT001	Unknown account or incorrect category	AddMutatie	
CMUT001.1	Unknown account or incorrect category	AddMutatie	
CMUT003	InExBTW (in./ex. VAT) is missing (IN or EX)	AddMutatie	
CMUT003.1	InExBTW (in./ex. VAT) is incorrect (IN or EX)	AddMutatie	
CMUT004	Date is missing	AddMutatie	Date is missing or not between 1980 and 2049
CMUT005	Omschrijving (description) is missing	AddMutatie	
CMUT006	There must be at least 1 transaction and maximal 100 transactions	AddMutatie	

CMUT008	Mutatiesoort (transaction category) is unknown	AddMutatie	
CMUT010	BedragExclBTW (amount ex. VAT) + BedragBTW (VAT) is not BedagIncl (amount in. VAT)	AddMutatie	
CMUT010.1	BedragExclBTW (amount ex. VAT)* BTWPercentage (VAT percentage)/100 is not BedagBTW (VAT)	AddMutatie	
CMUT011	Invalid BTW-code (VAT code) for this transaction category	AddMutatie	
CMUT011	BedragExclBTW (amount ex. VAT)* BTWPercentage (VAT percentage)/100 is not BedagBTW (VAT)	AddMutatie	
CMUT012	Tegenrekening (counter account) has invalid category or does not exist	Addfactuur	
CMUT012	Invalid BTW-code (VAT code) for this transaction category	AddMutatie	
CMUT012	Tegenrekening (counter account) has invalid category	AddMutatie	
CMUT013	Factuurnummer (invoice number) is missing	AddMutatie	
CMUT014	Relatiecode (relation code) is missing	AddMutatie	
CMUT014	Betalingstermijn (prompt) is missing	AddMutatie	
CMUT015	Rekeningcode (account code) must be creditor account code	AddMutatie	
CMUT016	Rekeningcode (account code) must be debtor account code	AddMutatie	

CMUT017	Relation is unknown	AddMutatie	
CMUT018	Combination relation/invoice number already exists	AddMutatie	
CMUT019	Invoice number already exists	AddMutatie	
CMUT020	Period is closed	AddMutatie	
CMUT021	This kind of transaction can have 1 line	AddMutatie	
CMUT023	Invoice number is missing	AddMutatie	
CMUT024	Relation code is missing	AddMutatie	
CMUT025	Relation is unknown	AddMutatie	
CMUT026	This payment can't be linked to an existing invoice	AddMutatie	Either the invoice is missing, or the relation doesn't match
CMUT027	The counter account category must be 'Debiteuren' (debtors)	AddMutatie	
CMUT028	The counter account category must be 'Crediteuren' (creditors)	AddMutatie	
CMUT033	Invalid BTW-code (VAT code)	AddMutatie	
E001.1	Invalid credentials	OpenSession	Invalid session data, check 'Beheer' > 'Instellingen' > 'API/SOAP'.
E001.2	Invalid credentials	OpenSession	No administration found, check 'Beheer' > 'Instellingen' > 'API/SOAP'.
E001.3	Invalid credentials	OpenSession	Invalid Securitycode2, check 'Beheer' >

			'Instellingen' > 'API/SOAP'.
E001.5	Invalid credentials	OpenSession	User doesn't have permissions, check 'Beheer' > 'Uw account' > 'Gebruikers'
E002.1	Invalid session	Algemeen	Invalid session variables
E002.2	Invalid session	Algemeen	Session not found
E002.3	Sessions expired	Algemeen	
E002.4	Sessions has already been closed	Algemeen	
E003.1	Soap call limit hit	GetMutaties	Maximum of 5.000 calls per month has been reached

