

# Etrade Accounts API

Our API Provider is Overloaded and there is still uncertainty whether it maps all available Etrade API functionality.

We should centralize common function into a Parent Class these API classes can inherit or provide it to them through composition

We will refactor pieces out into their own API Layer.

Lets refactor the Accounts API

Most of this functionality is in this class `EtradeAccountClient`

We should refactor it to `EtradeApiClientAccountAPI`

It should meet all the contract obligations as provided below.

Things to note

- Request Object must be DTO and Model objects NOT Maps
- Response Objects must be DTO and Model Object NOT Maps.
- All Fields expected whether optional or not should be implemented.
- Implement Database Layer to meet all Model Requirements
- Implement Repository Layer to meet all model requirements.
- Implement Service Layer

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## Accounts API

### Overview

This API returns a list of E\*TRADE accounts for the current user.

### List Accounts [link](#)

### Description

This API returns the account information for the current user. The information returned includes account type, mode, and details.

## HTTP Method: GET

### Live URL

[content\\_copy](#)

`https://api.etrade.com/v1/accounts/list`

### Sandbox URL

[content\\_copy](#)

`https://apisb.etrade.com/v1/accounts/list`

## Response

Status

Code      Reason

Error

Response Model

Code

---

200

Successful operation.

[AccountListResponse](#)

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204

No records available

105

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500 Your request could not be completed at this time. For more information please contact a Financial Services representative at 100  
1-800-ETRADE-1 (1-800-387-2331) or email us at service@etrade.com.

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500 Currently we are undergoing maintenance, please try again later. 570

## Account link

Property	Type	Description	Possible Values
acctNo	integer		
accountId	string	The user's account ID	
accountIdKey	string	The unique account key	
accountMode	string	The account mode	CASH, MARGIN, CHECKING, IRA, SAVINGS, CD

`accountDesc`      string      Description of account

`accountName`      string      The nickname for the account

accountType

string The account type

AMMCHK, ARO, BCHK,  
BENFIRA, BENFROTHIRA,  
BENF\_ESTATE\_IRA,  
BENF\_MINOR\_IRA,  
BENF\_ROTH\_ESTATE\_IRA,  
BENF\_ROTH\_MINOR\_IRA,  
BENF\_ROTH\_TRUST\_IRA,  
BENF\_TRUST\_IRA, BRKCD,  
BROKER, CASH, C\_Corp,  
CONTRIBUTORY,  
COVERDELL\_ESA,  
CONVERSION\_ROTH\_IRA,  
CREDITCARD, COMM\_PROP,  
CONSERVATOR,  
CORPORATION, CSA,  
CUSTODIAL, DVP, ESTATE,  
EMPCHK, EMPMMCA, ETCHK,  
ETMMCHK, HEIL, HELOC,  
INDCHK, INDIVIDUAL,  
INDIVIDUAL\_K, INVCLUB,  
INVCLUB\_C\_Corp,  
INVCLUB\_LLC\_C\_Corp,  
INVCLUB\_LLC\_PARTNERSHIP,  
INVCLUB\_LLC\_S\_Corp,  
INVCLUB\_PARTNERSHIP,  
INVCLUB\_S\_Corp,  
INVCLUB\_TRUST,  
IRA\_ROLLOVER, JOINT,  
JTTEN, JTWROS,  
LLC\_C\_Corp,  
LLC\_PARTNERSHIP,  
LLC\_S\_Corp, LLP,  
LLP\_C\_Corp, LLP\_S\_Corp,  
IRA, IRACD,  
MONEY\_PURCHASE,  
MARGIN, MRCHK,

PARTNER, PARTNERSHIP,  
PARTNERSHIP\_C\_Corp,  
PARTNERSHIP\_S\_Corp,  
PDT\_ACCOUNT,  
PM\_ACCOUNT, PREFCD,  
PREFIRACD,  
PROFIT\_SHARING,  
PROPRIETARY, REGCD,  
ROTHIRA,  
ROTH\_INDIVIDUAL\_K,  
ROTH\_IRA\_MINORS,  
SARSEPIRA, S\_Corp,  
SEPIRA, SIMPLE\_IRA, TIC,  
TRD\_IRA\_MINORS, TRUST,  
VARCD, VARIRACD

institutionType string The institution type of the account BROKERAGE

accountStatus string The status of the account ACTIVE, CLOSED

closedDate integer The date when the account was  
(int64) closed

shareWorksAccount boolean Is Shareworks Account ?

shareWorksSource string Shareworks Source

fcManagedMssbClosedAccount boolean |

## AccountListResponse [link](#)

Property	Type	Description	Possible Values
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accounts	Accounts	List of accounts	
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## Accounts [link](#)

Property	Type	Description	Possible Values
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account	array[Account]	Display the type, description for each of the user's accounts as well as a detail display for each account.	
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## Example

### Request

[content\\_copy](#) <https://api.etrade.com/v1/accounts/list>

### Response

[content\\_copy](#)

```
<?xml version="1.0" encoding="UTF-8"?>
<AccountListResponse>
    <Accounts>
        <Account>
            <accountId>840104290</accountId>
            <accountIdKey>JIdOIAcSpwR1Jva7RQBraQ</accountIdKey>
            <accountMode>MARGIN</accountMode>
            <accountDesc>INDIVIDUAL</accountDesc>
            <accountName>Individual Brokerage</accountName>
            <accountType>INDIVIDUAL</accountType>
            <institutionType>BROKERAGE</institutionType>
            <accountStatus>ACTIVE</accountStatus>
```

```
<closedDate>0</closedDate>
</Account>
</Accounts>
</AccountListResponse>
```

# Accounts API

## Overview

This API retrieves the current account balance and related details for a specified account.

## Get Account Balances [link](#)

## Description

This API returns detailed balance information for a specified account for the current user. The information returned includes account type, option level, and details on up to four balances - account balance, margin account balance, day trade balance, and cash account balance.

## HTTP Method: GET

## Live URL

[content\\_copy](#)

```
https://api.etrade.com/v1/accounts/{accountIdKey}/balance?instType={instType}&realTimeNAV=true
```

## Sandbox URL

[content\\_copy](#)

<https://apisb.etrade.com/v1/accounts/{accountIdKey}/balance?instType={instType}&realTimeNAV=true>

## Request

Property	Type	Required?	Description	Allowable Values
----------	------	-----------	-------------	------------------

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---

accountType query no The registered account type

AMMCHK, ARO, BCHK, BENFIRA,  
BENFROTHIRA,  
BENF\_ESTATE\_IRA,  
BENF\_MINOR\_IRA,  
BENF\_ROTH\_ESTATE\_IRA,  
BENF\_ROTH\_MINOR\_IRA,  
BENF\_ROTH\_TRUST\_IRA,  
BENF\_TRUST\_IRA, BRKCD,  
BROKER, CASH, C\_Corp,  
CONTRIBUTORY,  
COVERDELL\_ESA,  
CONVERSION\_ROTH\_IRA,  
CREDITCARD, COMM\_PROP,  
CONSERVATOR, CORPORATION,  
CSA, CUSTODIAL, DVP, ESTATE,  
EMPCHK, EMPMMCA, ETCHK,  
ETMMCHK, HEIL, HELOC, INDCHK,  
INDIVIDUAL, INDIVIDUAL\_K,  
INVCLUB, INVCLUB\_C\_Corp,  
INVCLUB\_LLC\_C\_Corp,  
INVCLUB\_LLC\_PARTNERSHIP,  
INVCLUB\_LLC\_S\_Corp,  
INVCLUB\_PARTNERSHIP,  
INVCLUB\_S\_Corp,  
INVCLUB\_TRUST, IRA\_ROLLOVER,  
JOINT, JTEN, JTWROS,  
LLC\_C\_Corp, LLC\_PARTNERSHIP,  
LLC\_S\_Corp, LLP, LLP\_C\_Corp,  
LLP\_S\_Corp, IRA, IRACD,  
MONEY\_PURCHASE, MARGIN,  
MRCHK, MUTUAL\_FUND,  
NONCUSTODIAL, NON\_PROFIT,  
OTHER, PARTNER, PARTNERSHIP,  
PARTNERSHIP\_C\_Corp,  
PARTNERSHIP\_S\_Corp,  
PDT\_ACCOUNT, PM\_ACCOUNT,  
REFCD, PREFIRACD,  
PROFIT\_SHARING, PROPRIETARY,  
REGCD, ROTHIRA,

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ROTH\_INDIVIDUAL\_K,  
ROTH\_IRA\_MINORS, SARSEPIRA,  
S\_Corp, SEPIRA, SIMPLE\_IRA,  
TIC, TRD\_IRA\_MINORS, TRUST,  
VARCD, VARIRACD

**instType** query yes  
The account institution type for  
which the balance or information is BROKERAGE  
requested

**realTimeNAV** query no  
Default is false. If true, fetches real  
time balance

**accountIdKey** path yes  
The unique account key.  
Retrievable by calling the List  
Accounts API.

## Response

Status Code	Reason	Response Model	Error Code
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200	Successful operation.	BalanceResponse	
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400	User does not have access on this account.		253
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400 Account key does not belong to user. 100

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400 Invalid institution type. 7002

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400 Invalid account. 7001

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100 Please enter valid account key. 102

---

## BalanceResponse link

Property	Type	Description	Possible Values
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accountId	string	The account ID for which the balance is requested
institutionType	string	<p>The account institution type for which the balance or information is requested</p> <p>BROKERAGE, GLOBALTRADING, NONUS, STOCKPLAN, LENDING, HELOC, HEIL, ONTRACK, GENPACT, AUTO, AUTOLOAN, BETA, LOYALTY, SBASKET, CC_BALANCETRANSFER, GENPACT_LEAD, GANIS, MORTGAGE, EXTERNAL, FUTURES, VISA, RJO, WDBH</p>
asOfDate	integer (int64)	The effective date in UTC

accountType string The registered account type

AMMCHK, ARO, BCHK,  
BENFIRA, BENFROTHIRA,  
BENF\_ESTATE\_IRA,  
BENF\_MINOR\_IRA,  
BENF\_ROTH\_ESTATE\_IRA,  
BENF\_ROTH\_MINOR\_IRA,  
BENF\_ROTH\_TRUST\_IRA,  
BENF\_TRUST\_IRA, BRKCD,  
BROKER, CASH, C\_Corp,  
CONTRIBUTORY,  
COVERDELL\_ESA,  
CONVERSION\_ROTH\_IRA,  
COMM\_PROP,  
CONSERVATOR,  
CORPORATION, CSA,  
CUSTODIAL, DVP, ESTATE,  
EMPCHK, EMPMMCA, ETCHK,  
ETMMCHK, HEIL, HELOC,  
INDCHK, INDIVIDUAL,  
INDIVIDUAL\_K, INVCLUB,  
INVCLUB\_C\_Corp,  
INVCLUB\_LLC\_C\_Corp,  
INVCLUB\_LLC\_PARTNERSHIP,  
INVCLUB\_LLC\_S\_Corp,  
INVCLUB\_PARTNERSHIP,  
INVCLUB\_S\_Corp,  
INVCLUB\_TRUST,  
IRA\_ROLLOVER, JOINT,  
JTEN, JTWROS,  
LLC\_C\_Corp,  
LLC\_PARTNERSHIP,  
LLC\_S\_Corp, LLP,  
LLP\_C\_Corp, LLP\_S\_Corp,  
IRA, IRACD,  
MONEY\_PURCHASE, MARGIN,  
MRCHK, MUTUAL\_FUND,

PARTNERSHIP\_C\_CORP,  
PARTNERSHIP\_S\_CORP,  
PDT\_ACCOUNT,  
PM\_ACCOUNT, PREFCD,  
PREFIRACD,  
PROFIT\_SHARING,  
PROPRIETARY, REGCD,  
ROTHIRA,  
ROTH\_INDIVIDUAL\_K,  
ROTH\_IRA\_MINORS,  
SARSEPIRA, S\_CORP,  
SEPIRA, SIMPLE\_IRA, TIC,  
TRD\_IRA\_MINORS, TRUST,  
VARCD, VARIRACD

optionLevel	string	The option approval level of the account, expressed as a level 1 through 4 value  NO_OPTIONS, LEVEL_1, LEVEL_2, LEVEL_3, LEVEL_4
accountDescription	string	The description of the account
quoteMode	integer (int32)	The quote type indicator: 0 = QUOTE REALTIME, 1 = QUOTE DELAYED, 2 = QUOTE CLOSING, 3 = QUOTE AHT REALTIME, 4 = QUOTE AHT BEFORE OPEN, 5 = QUOTE AHT CLOSING, 6 = QUOTE NONE
dayTraderStatus	string	The user's status as a day trader

accountMode string The account mode indicating the account's special privileges as a cash account, a margin account, and so on

accountDesc string The description of the account for which the balance is requested

openCalls array[OpenCalls] The open calls

cash Cash Designates that account is a cash account

margin Margin Designates that account is a margin account

ending Lending Designates that account is a ending account

computedBalance ComputedBalance Designates the computed balance of the account

## Cash link

Property	Type	Description	Possible Values
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fundsForOpenOrdersCash **number** The funds reserved for open orders

moneyMktBalance **number** The current cash balance of the money market or sweep deposit account

## ComputedBalance [link](#)

Property	Type	Description	Possible Values
cashAvailableForInvestment	number	The cash available for investments	
cashAvailableForWithdrawal	number	The cash available for withdrawal	
totalAvailableForWithdrawal	number	The total amount available for withdrawal	
netCash	number	The net cash balance	
cashBalance	number	The current cash balance	
settledCashForInvestment	number	The settled cash for investments	
unSettledCashForInvestment	number	The unsettled cash for investments	

fundsWithheldFromPurchasePower **number**  
The funds withheld from the purchasing power

fundsWithheldFromWithdrawal **number**  
The funds withheld from withdrawal

marginBuyingPower **number**  
The margin account buying power

cashBuyingPower **number**  
The cash account buying power

dtMarginBuyingPower **number**  
The day trader margin account buying power

dtCashBuyingPower **number**  
The day trader cash account buying power

marginBalance **number**  
The margin account balance

shortAdjustBalance **number**  
The short adjusted balance

regtEquity **number**  
The Regulation T equity

regtEquityPercent **number**  
The Regulation T equity percentage

accountBalance number The current account balance

openCalls OpenCalls The open calls

realTimeValues RealTimeValues The real time values

portfolioMargin PortfolioMargin The total margin for the portfolio

## Lending link

Property	Type	Description	Possible Values
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currentBalance number The current balance on lent funds

creditLine number The lent funds current credit line

outstandingBalance number The outstanding balance on the lent funds

minPaymentDue number The minimum balance due on the payback of the lent funds

amountPastDue number The amount past due on the payback of the lent funds

availableCredit	number	The available credit on the lent funds
ytdInterestPaid	number	The year-to-date interest paid on the lent funds
lastYtdInterestPaid	number	The last year-to-date interest paid on the lent funds
paymentDueDate	integer (int64)	The payment due date on the lent funds
lastPaymentReceivedDate	integer (int64)	The date of last payment received on the lent funds
paymentReceivedMtd	number	The month-to-date total of payments received on the lent funds

## Margin link

Property	Type	Description	Possible Values
dtCashOpenOrderReserve	number	The margin account cash open order reserve	
dtMarginOpenOrderReserve	number	The margin account margin open order reserve	

## OpenCalls link

Property	Type	Description	Possible Values
minEquityCall	number	The minimum equity call	
fedCall	number	The federal call	
cashCall	number	The cash call	
houseCall	number	The house call	

## PortfolioMargin [link](#)

Property	Type	Description	Possible Values
dtCashOpenOrderReserve	number	The margin account cash open order reserve	
dtMarginOpenOrderReserve	number	The margin account margin open order reserve	
liquidatingEquity	number	The liquidating equity	
houseExcessEquity	number	The house excess equity	

`totalHouseRequirement` `number` The total house requirement

`excessEquityMinusRequirement` `number` The excess equity minus the portfolio requirement

`totalMarginRqmts` `number` The total margin requirements

`availExcessEquity` `number` The available excess equity

`excessEquity` `number` The excess equity

`openOrderReserve` `number` The open order reserve

`fundsOnHold` `number` The funds on hold

## RealTimeValues [link](#)

Property	Type	Description	Possible Values
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`totalAccountValue` `number` The total account value

`netMv` `number` The net market value

`netMvLong`      `number`      The long net market value

`netMvShort`      `number`      The short net market value

`totalLongValue`      `number`      The total long value

## Example

### Request

`content_copy`

<https://api.etrade.com/v1/accounts/vsnhtF7d9jXxBy6HyaAC4vQ/balance?instType=BROKERAGE&accountType=CASH&realTimeNAV=true>

### Response

`content_copy`

```
<?xml version="1.0" encoding="UTF-8"?>
<BalanceResponse>
    <accountId>835649790</accountId>
    <accountType>PDT_ACCOUNT</accountType>
    <optionLevel>LEVEL_4</optionLevel>
    <accountDescription>KRITHH TT</accountDescription>
    <quoteMode>6</quoteMode>
    <dayTraderStatus>PDT_MIN_EQUITY_RES_1XK</dayTraderStatus>
    <accountMode>PDT ACCOUNT</accountMode>
    <Cash>
        <fundsForOpenOrdersCash>0</fundsForOpenOrdersCash>
        <moneyMktBalance>0</moneyMktBalance>
    </Cash>
    <Computed>
        <cashAvailableForInvestment>0</cashAvailableForInvestment>
        <netCash>93921.44</netCash>
        <cashBalance>93921.44</cashBalance>
        <settledCashForInvestment>0</settledCashForInvestment>
        <unSettledCashForInvestment>0</unSettledCashForInvestment>
        <fundsWithheldFromPurchasePower>0</fundsWithheldFromPurchasePower>
        <fundsWithheldFromWithdrawal>0</fundsWithheldFromWithdrawal>
        <marginBuyingPower>0</marginBuyingPower>
        <cashBuyingPower>93921.44</cashBuyingPower>
        <dtMarginBuyingPower>0</dtMarginBuyingPower>
        <dtCashBuyingPower>0</dtCashBuyingPower>
        <shortAdjustBalance>0</shortAdjustBalance>
```

```
<regtEquity>0</regtEquity>
<regtEquityPercent>0</regtEquityPercent>
<accountBalance>0</accountBalance>
</Computed>
<Margin>
<dtCashOpenOrderReserve>0</dtCashOpenOrderReserve>
<dtMarginOpenOrderReserve>0</dtMarginOpenOrderReserve>
</Margin>
</BalanceResponse>
```

# Accounts API

## Overview

The Transaction APIs provide information about transactions for the selected brokerage account.

### List Transactions [link](#)

#### Description

Get all transactions for the specified account.

#### HTTP Method: GET

#### Live URL

[content\\_copy](#)

`https://api.etrade.com/v1/accounts/{accountIdKey}/transactions`

#### Sandbox URL

[content\\_copy](#)

<https://apisb.etrade.com/v1/accounts/{accountIdKey}/transactions>

## Request

Property	Type	Required?	Description	Allowable Values
Accept	header	no	Format in which transactions can be returned	application/vnd.ms-excel, application/vnd.openxmlformats-officedocument.spreadsheetml.sheet, application/json, application/xml
accountIdKey	path	yes	The unique account key. Retrievable by calling the List Accounts API.	
startDate	query	no	The earliest date to include in the date range, formatted as MMDDYYYY. History is available for two years.	
endDate	query	no	The latest date to include in the date range, formatted as MMDDYYYY	
sortOrder	query	no	The sort order request	ASC, DESC

**marker**      **query**      **no**

Specifies the desired starting point of the set of items to return. Used for paging as described in the Notes below.

**count**      **query**      **no**

Number of transactions to return in the response. If not specified, defaults to 50. Used for paging as described in the Notes below.

## Response

Status	Code	Reason	Response Model	Error	Code
--------	------	--------	----------------	-------	------

---

200      Successful Operation.      [TransactionDetailsResponse](#)

---

204      There are no results for this search query.      53

---

400      Account key does not belong to user.      100

---

400 Invalid Marker. Both PageMarker and Marker passed. 2008

---

400 Invalid SortOrder. SortOrder should be ASC or DESC. 2007

---

400 Please enter valid account key. 102

---

400 Invalid SortColumn. 2006

---

400 Invalid count. Count value should be between 1 and 50. 2005

---

400 Invalid date format. Format must be MMDDYYYY; for example, 07112018. 2004

---

400 Invalid Date. Date should fall within the last three years. 2003

---

400 Invalid Date Range. Both fromDate & toDate should be provided, toDate should be greater than fromDate and fromDate should fall within last three years. 2002

---

400 Invalid account type. Only brokerage accounts are available. 2001

---

404 Invalid Request. Too many parameters in the request URI. 1011

---

404 Invalid Request. Multiple transaction types provided. 1010

---

404 Invalid Request. Security Type is not a valid request field  
for this account. 1008

---

404 Invalid Request. Symbol is not a valid request field for this  
account. 1007

---

404 Invalid Order Id. 1005

---

404 The security type is not supported for the specified  
transaction group or multiple security types were provided,  
which is not permitted. 1004

---

404 Invalid Amount. Amount value is not numeric 1015

---

404 Invalid Transaction Group. 1003

404 Invalid Amount. StartAmount should be less than  
EndAmount 1014

404 Invalid Transaction Type. Transaction type is not supported  
for the specified transaction group. 1002

404 Invalid Request. Transaction type is not a valid request  
field for this account. 1013

404 Invalid Transaction Id. The Id passed does not exist for the  
specified account. 1001

---

---

**404** Invalid Request. Transaction group is not a valid request field for this account. **1012**

---

**404** Invalid Request. Order Id is not a valid request field for this account. **1009**

---

**500** Transaction service is not available. Please try again later. **300**

---

**500** Due to technical difficulties, we are unable to obtain your account information. Please try again later. We apologize for the inconvenience. **301**

---

## List Transaction Details [link](#)

### Description

Get transaction details for the specified transaction (transactionId). If a transactionId is provided, no additional path params should be specified in the URI. API should fail with 404 if any path param is specified

after activityId. In order to make requests around the specific break out transaction types within the Transaction API, simply append the title of the Transaction Category to the end of the path. This will provide you with only transactions of that type so that you can build functionality and interact with subsets of data. Possible transaction sub-types include: Trades, Withdrawals, Cash.

## HTTP Method: GET

### Live URL

[content\\_copy](#)

`https://api.etrade.com/v1/accounts/{accountIdKey}/transactions/{tranid}`

### Sandbox URL

[content\\_copy](#)

`https://apisb.etrade.com/v1/accounts/{accountIdKey}/transactions/{tranid}`

## Request

Property	Type	Required?	Description	Allowable Values
----------	------	-----------	-------------	------------------

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Accept	header	no	Format in which transaction detail can be returned	application/pdf, application/json, application/xml
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`accountIdKey` `path` `yes` The unique account key. Retrievable by calling the List Accounts API.

`tranid` `path` `yes` `transactionId`

`storeId` `query` `no` storage location for older transactions

## Response

Status	Error		
Code	Reason	Response Model	Code

---

200 Successful Operation. [TransactionDetailsResponse](#)

---

204 There are no results for this search query. 53

---

400 Account key does not belong to user. 100

---

400 Invalid Marker. Both PageMarker and Marker passed. 2008

---

400 Invalid SortOrder. SortOrder should be ASC or DESC. 2007

---

400 Please enter valid account key. 102

---

400 Invalid SortColumn. 2006

---

400 Invalid count. Count value should be between 1 and 50. 2005

---

400 Invalid date format. Format must be MMDDYYYY; for example, 07112018. 2004

---

---

400 Invalid Date. Date should fall within the last two years. 2003

---

400 Invalid date range. Both fromDate and toDate should be provided. toDate should be greater than fromDate, and fromDate should fall within the last two years. 2002

---

400 Invalid account type. Only brokerage accounts are available. 2001

---

404 Invalid Request. Too many parameters in the request URI. 1011

---

404 Invalid Request. Multiple transaction types provided. 1010

---

404	Invalid Request. Security Type is not a valid request field for this account.	1008
404	Invalid Request. Symbol is not a valid request field for this account.	1007
404	Invalid Order Id.	1005
404	The security type is not supported for the specified transaction group or multiple security types were provided, which is not permitted.	1004
404	Invalid Amount. Amount value is not numeric	1015

---

---

404 Invalid Transaction Group. 1003

404 Invalid Amount. StartAmount should be less than  
EndAmount 1014

404 Invalid Transaction Type. Transaction type is not supported  
for the specified transaction group. 1002

404 Invalid Request. Transaction type is not a valid request  
field for this account. 1013

404 Invalid Transaction Id. The Id passed does not exist for the  
specified account. 1001

---

---

404 Invalid Request. Transaction group is not a valid request  
field for this account. 1012

---

404 Invalid Request. Order Id is not a valid request field for this  
account. 1009

---

500 Transaction service is not available. Please try again later. 300

---

500 Due to technical difficulties, we are unable to obtain your  
account information. Please try again later. We apologize  
for the inconvenience. 301

---

## Brokerage [link](#)

Property	Type	Description	Possible Values
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`transactionType` `string` Type of transaction (deposit, dividend, and so on). Possible values are listed in the Transaction types table below.

`product` `Product` The specific brokerage product

`quantity` `number (double)` Item count; for example, share count

`price` `number (double)` Price per item if applicable; for example, price per share

`settlementCurrency` `string` Settlement currency

`paymentCurrency` `string` Payment currency

`fee` `number (double)` The brokerage fee

`memo` `string` The memo field

`checkNo` `string` The check number

`orderNo` `string` The order number

Category [link](#)

Property	Type	Description	Possible Values
categoryId	string	The category ID	
parentId	string	The parent ID	
categoryName	string	The category name	
parentName	string	The parent category name	

## Product link

Property	Type	Description	Possible Values
symbol	string	The symbol for which the quote details are being accessed	
securityType	string	The type code to identify the order or leg request	BOND, EQ, INDEX, MF, MMF, OPTN
securitySubType	string	The subtype of the security	
callPut	string	The option type - either CALL or PUT	CALL, PUT

`expiryYear` `integer (int32)`The four-digit year the option will expire

`expiryMonth` `integer (int32)`The month (1-12) the option will expire

`expiryDay` `integer (int32)`The day (1-31) the option will expire

`strikePrice` `number` The strike price for the option

`expiryType` `string` The expiration type for the option

`productId` [ProductId](#) `ProductId`

## ProductId [link](#)

Property	Type	Description	Possible Values
<code>symbol</code>	<code>string</code>	The market symbol for the security being bought or sold	EQUITY, OPTION, MUTUAL_FUND, INDEX, MONEY_MARKET_FUND, BOND, UNKNOWN, WILDCARD, MOVE, ETF, EQUITY_OPTIONETF, EQUITYETF, CLOSED_END_FUND, PREFERRED, EQUITYOPTN,
<code>typeCode</code>	<code>string</code>	Product Type Code	EQUITY, OPTION, MUTUAL_FUND, INDEX, MONEY_MARKET_FUND, BOND, UNKNOWN, WILDCARD, MOVE, ETF, EQUITYOPTIONETF, EQUITYETF, CLOSEDENDFUND, PREFERRED, EQUITYOPTN,

`EXCHANGE_TRADED_FUND,`  
`MUTUAL_FUND_MONEY_MARKET_FUND`

## TransactionDetailsResponse [link](#)

Property	Type	Description	Possible Values
<code>transactionId</code>	<code>integer (int64)</code>	Numeric transaction ID	
<code>accountId</code>	<code>string</code>	Numeric account ID	
<code>transactionDate</code>	<code>integer (int64)</code>	Date of the specified transaction	
<code>postDate</code>	<code>integer (int64)</code>	The post date	
<code>amount</code>	<code>number</code>	Total cost of transaction, including commission if any	
<code>description</code>	<code>string</code>	The transaction description	
<code>category</code>	<a href="#">Category</a>	User-defined category	
<code>brokerage</code>	<a href="#">Brokerage</a>	The brokerage involved in the transaction	

## Notes

To page through a large number of items, use the count property to specify how many items to return in a group (the default is 50), and the marker property to specify the starting point. A request with no count and no marker retrieves the most recent 50 transactions. The next URL provided in the response retrieves the next set of transactions in the series, using the transaction ID of the last transaction as the marker. To page through all the items, repeat the request with the marker from each previous response until you receive a response with a count less than the one you specified, indicating that there are no more items.

The API does not explicitly provide for bi-directional paging. Your application can support paging backward and forward either by saving and re-using markers within the series (that is, re-issuing the requests for pages that are earlier in the series), or saving the items returned and re-displaying them from the local copy if desired.

## Example

### Transaction Request URL

[content\\_copy](#)

`https://api.etrade.com/v1/accounts/vSnhtF7d5jXBy6HyaAC4vQ/transactions/{tranid}`

### Response

[content\\_copy](#)

```
<?xml version="1.0" encoding="UTF-8"?>
<TransactionDetailsResponse>
    <transactionId>18144100000861</transactionId>
    <accountId>835649790</accountId>
    <transactionDate>1527134400000</transactionDate>
    <amount>-2.0</amount>
    <description>ACH WITHDRAWL REFID:77521276;</description>
    <Category>
        <categoryId>0</categoryId>
        <parentId>0</parentId>
        <categoryName />
        <parentName />
    </Category>
    <Brokerage>
        <transactionType>Transfer</transactionType>
        <Product />
        <quantity>0.0</quantity>
        <price>0.0</price>
        <settlementCurrency>USD</settlementCurrency>
        <paymentCurrency>USD</paymentCurrency>
        <fee>0.0</fee>
        <memo />
        <orderNo>0</orderNo>
    </Brokerage>
</TransactionDetailsResponse>
```

## Transaction Detail Request URL

[content\\_copy](#)

<https://api.etrade.com/v1/accounts/vSnhtF7d5jXBy6HyaAC4vQ/transactions>

## Response

[content\\_copy](#)

```
<?xml version="1.0" encoding="UTF-8"?>
<TransactionListResponse>
  <Transaction>
    <transactionId>18165100001766</transactionId>
    <accountId>835649790</accountId>
    <transactionDate>1528948800000</transactionDate>
    <postDate>1528948800000</postDate>
    <amount>-2</amount>
    <description>ACH WITHDRAWL REFID:109187276;</description>
    <description2>109187276</description2>
    <transactionType>Transfer</transactionType>
    <memo />
    <imageFlag>false</imageFlag>
    <instType>BROKERAGE</instType>
    <brokerage>
      <product />
      <quantity>0</quantity>
      <price>0</price>
      <settlementCurrency>USD</settlementCurrency>
      <paymentCurrency>USD</paymentCurrency>
      <fee>0</fee>
      <settlementDate>1528948800000</settlementDate>
    </brokerage>

    <detailsURI>https://api.etrade.com/v1/accounts/yIFaUoJ81qyAhgxLWRQ42g/transactions/18165100001766</detailsURI>
  </Transaction>
  <Transaction>
    <transactionId>18158100000983</transactionId>
    <accountId>835649790</accountId>
    <transactionDate>1528344000000</transactionDate>
    <postDate>1528344000000</postDate>
    <amount>-2</amount>
    <description>ACH WITHDRAWL REFID:98655276;</description>
    <description2>98655276</description2>
    <transactionType>Transfer</transactionType>
    <memo />
    <imageFlag>false</imageFlag>
    <instType>BROKERAGE</instType>
    <brokerage>
      <product />
```

```

<quantity>0</quantity>
<price>0</price>
<settlementCurrency>USD</settlementCurrency>
<paymentCurrency>USD</paymentCurrency>
<fee>0</fee>
<settlementDate>1528344000000</settlementDate>
</brokerage>

<detailsURI>https://api.etrade.com/v1/accounts/yIFaUoJ81qyAhgxLWRQ42g/transactions/1815810000983</detailsURI>
</Transaction>

<pageMarkers>eNpTsAlITE91zi%2FNK%2FHMc04syi8tTs2xM7TRxybMpWATk1%2BSmBOUmpxf1AKWtTO1ccQg6mDmwEyEE0EqAbE8SvNTUotCk4tLE3NS061M9Ax0DEEYgOIA9BkuRQgmjxTfDKLQUYoQAV8E4uyU4vsDC0MzUwNDYDA0NzMrKamBmIKVJYLphpiKsyTUB7IbH1kwwFa7F0D</pageMarkers>
<moreTransactions>false</moreTransactions>
<transactionCount>5</transactionCount>
<totalCount>5</totalCount>
</TransactionListResponse>
```

## Transaction Detail Request URL

[content\\_copy](#)

<https://api.etrade.com/v1/accounts/vSnhtF7d5jXBy6HyaAC4vQ/transactions?count=3>

## Response

[content\\_copy](#)

```

<?xml version="1.0" encoding="UTF-8"?>
<TransactionListResponse>
  <Transaction>
    <transactionId>18165100001766</transactionId>
    <accountId>835649790</accountId>
    <transactionDate>1528948800000</transactionDate>
    <postDate>1528948800000</postDate>
    <amount>-2</amount>
    <description>ACH WITHDRAWL REFID:109187276;</description>
    <description2>109187276</description2>
    <transactionType>Transfer</transactionType>
    <memo />
    <imageFlag>false</imageFlag>
    <instType>BROKERAGE</instType>
    <brokerage>
      <product />
      <quantity>0</quantity>
      <price>0</price>
      <settlementCurrency>USD</settlementCurrency>
      <paymentCurrency>USD</paymentCurrency>
      <fee>0</fee>
      <settlementDate>1528948800000</settlementDate>
```

```
</brokerage>

<detailsURI>https://api.etrade.com/v1/accounts/yIFaUoJ81qyAhgxLWRQ42g/transactions/18165100001766</detailsURI>
</Transaction>
<Transaction>
    <transactionId>18158100000983</transactionId>
    <accountId>835649790</accountId>
    <transactionDate>1528344000000</transactionDate>
    <postDate>1528344000000</postDate>
    <amount>-2</amount>
    <description>ACH WITHDRAWL REFID:98655276;</description>
    <description2>98655276</description2>
    <transactionType>Transfer</transactionType>
    <memo />
    <imageFlag>false</imageFlag>
    <instType>BROKERAGE</instType>
    <brokerage>
        <product />
        <quantity>0</quantity>
        <price>0</price>
        <settlementCurrency>USD</settlementCurrency>
        <paymentCurrency>USD</paymentCurrency>
        <fee>0</fee>
        <settlementDate>1528344000000</settlementDate>
    </brokerage>

<detailsURI>https://api.etrade.com/v1/accounts/yIFaUoJ81qyAhgxLWRQ42g/transactions/18158100000983</detailsURI>
</Transaction>
<Transaction>
    <transactionId>18151100002634</transactionId>
    <accountId>835649790</accountId>
    <transactionDate>1527739200000</transactionDate>
    <postDate>1527739200000</postDate>
    <amount>-2</amount>
    <description>ACH WITHDRAWL REFID:87756276;</description>
    <description2>87756276</description2>
    <transactionType>Transfer</transactionType>
    <memo />
    <imageFlag>false</imageFlag>
    <instType>BROKERAGE</instType>
    <brokerage>
        <product />
        <quantity>0</quantity>
        <price>0</price>
        <settlementCurrency>USD</settlementCurrency>
        <paymentCurrency>USD</paymentCurrency>
        <fee>0</fee>
        <settlementDate>1527739200000</settlementDate>
    </brokerage>

<detailsURI>https://api.etrade.com/v1/accounts/yIFaUoJ81qyAhgxLWRQ42g/transactions/18151100002634</detailsURI>
</Transaction>
```

```
<next>https://api.etrade.com/v1/accounts/yIFaUoJ81qyAhgxLWRQ42g/transactions?count=3&am  
p;marker=18151100002634_1527739200</next>  
    <marker>18151100002634_1527739200</marker>  
  
<pageMarkers>eNptjkE0gjAQRfecogcgoYNSJGm6YUWixqgXqDAXRqSx0B2Ht1AwWuiiSf%2F8vjeEn%2BQdc  
2WarmhyqZVpsRYxj9bigPCr6mR9x1LpapyKhEeLbO59GQPQS2xneBzN64b6gm%2BDTYmChjSEMLY3dSt484C4b  
0W1f7QDhEzBQeonagE7YAlQeyBlrO97R5mmwdx2VAG%2FjpEdefCFzLdtM2sDlmabZM32p4t9nef7AOzdfmc%3  
D</pageMarkers>  
    <moreTransactions>false</moreTransactions>  
    <transactionCount>3</transactionCount>  
    <totalCount>5</totalCount>  
</TransactionListResponse>
```

# Accounts API

## Overview

This API provides portfolio information for a selected brokerage account.

[View Portfolio link](#)

## Description

This API provides detailed portfolio information for a selected brokerage account.

HTTP Method: GET

## Live URL

[content\\_copy](#)

<https://api.etrade.com/v1/accounts/{accountIdKey}/portfolio>

## Sandbox URL

[content\\_copy](#)

`https://apisb.etrade.com/v1/accounts/{accountIdKey}/portfolio`

## Request

Property	Type	Required?	Description	Allowable Values
----------	------	-----------	-------------	------------------

accountIdKey	path	yes	The unique account key. Retrievable by calling the List Accounts API.	
--------------	------	-----	---	--

count	query	no	The number of positions to return in the response. If not specified, defaults to 50. Used for paging as described in the Notes below.	
-------	-------	----	--	--

SYMBOL, TYPE\_NAME,  
EXCHANGE\_NAME, CURRENCY,  
QUANTITY, LONG\_OR\_SHORT,  
DATE\_ACQUIRED, PRICEPAID,  
TOTAL\_GAIN, TOTAL\_GAIN\_PCT,  
MARKET\_VALUE, BI, ASK,  
PRICE\_CHANGE,  
PRICE\_CHANGE\_PCT, VOLUME,  
WEEK\_52\_HIGH, WEEK\_52\_LOW,  
EPS, PE\_RATIO, OPTION\_TYPE,  
STRIKE\_PRICE, PREMIUM,  
EXPIRATION, DAYS\_GAIN,  
COMMISSION, MARKETCAP,  
PREV\_CLOSE, OPEN,  
DAYS\_RANGE, TOTAL\_COST,  
DAYS\_GAIN\_PCT,  
PCT\_OF\_PORTFOLIO,  
LAST\_TRADE\_TIME,  
BASE\_SYMBOL\_PRICE,  
WEEK\_52\_RANGE, LAST\_TRADE,  
SYMBOL\_DESC, BID\_SIZE,  
ASK\_SIZE, OTHER\_FEES,  
HELD\_AS, OPTION\_MULTIPLIER,  
DELIVERABLES,  
COST\_PERSHARE, DIVIDEND,  
DIV\_YIELD, DIV\_PAY\_DATE,  
EST\_EARN, EX\_DIV\_DATE,  
TEN\_DAY\_AVG\_VOL, BETA,  
BID\_ASK\_SPREAD,  
MARGINABLE, DELTA\_52WK\_HI,  
DELTA\_52WK\_LOW, PERF\_1MON,  
ANNUAL\_DIV, PERF\_12MON,  
PERF\_3MON, PERF\_6MON,  
PRE\_DAY\_VOL, SV\_1MON\_AVG,  
SV\_10DAY\_AVG, SV\_20DAY\_AVG,  
SV\_2MON\_AVG, SV\_3MON\_AVG,  
SV\_4MON\_AVG, SV\_6MON\_AVG,  
DELTA, GAMMA, IV\_PCT, THETA,  
VEGA, ADJ\_NONADJ\_FLAG,

The sort by query. Sorting done  
based on the column specified in  
the query parameter.

sortBy      query no

DAYS\_EXPIRATION,  
OPEN\_INTEREST,  
INTRINIC\_VALUE, RHO,  
TYPE\_CODE, DISPLAY\_SYMBOL,  
AFTER\_HOURS\_PCTCHANGE,  
PRE\_MARKET\_PCTCHANGE,  
EXPAND\_COLLAPSE\_FLAG

sortOrder query no The sort order query. Default:  
DESC. ASC, DESC

pageNumber query no The specific page that in the list  
that is to be returned. Each page  
has a default count of 50 positions.

marketSession query no The market session. Default:  
REGULAR REGULAR, EXTENDED

totalsRequired query no It gives the total values of the  
portfolio. Default: false.

otsRequired query no It gives position lots for positions.  
Default: false.

view query no The view query. Default: Quick.  
PERFORMANCE, FUNDAMENTAL,  
OPTIONSWATCH, QUICK,  
COMPLETE

## Response

Status	Reason	Error
Code		Response Model

---

200 Successful operation. [PortfolioResponse](#)

---

204 Portfolio Information service call success with no data 1007

---

204 Data not found for the given input 53

---

204 PositionLots service returns data not found 153

---

400 Please provide a valid provider. 1008

---

400 Account key does not belong to user. 100

---

400 Invalid page number passed 1006

---

400 No positionIds passed. 101

---

400 Invalid count passed 1005

---

400 Please enter valid account key. 102

---

400 Invalid totals required passed 1004

---

400 Invalid account number. 1103

---

400 Invalid userId passed. 103

---

400 Too many symbols were passed. Please provide a maximum of 10 symbols. 1102

---

400 Invalid lots required passed. 1003

---

400 Please provide valid symbol(s), as some of the symbol(s) are not valid. 1101

---

---

400 Invalid Date passed. 1002

---

400 Invalid sort parameter passed 1100

---

400 Invalid LotId passed. 1001

---

400 Resource not found 404

---

500 Portfolio information service is not available, try after sometime. 511

---

500 Due to technical difficulties, we are unable to get your portfolio  
information. Please re-attempt later. We apologize for the  
nconvenience. 512

## AccountPortfolio [link](#)

Property	Type	Description	Possible Values
accountId	string	Numeric account ID	
next	string	The next account portfolio item	
totalNoOfPages	integer (int32)	The total number of pages	
nextPageNo	string	The next page number	
position	array[Position]	Container for one or more account position elements	

## CompleteView [link](#)

Property	Type	Description	Possible Values
priceAdjustedFlag	boolean	The price adjusted flag	
price	number	The current market price	

`adjPrice`      `number`      The adjusted price

`change`      `number`      The change

`changePct`      `number`      The change percentage

`prevClose`      `number`      The previous close

`adjPrevClose`      `number`      The adjusted previous close

`volume`      `number`      The volume

`lastTrade`      `number`      The last trade

`lastTradeTime`      `integer  
(int64)`      The time of the last trade

`adjLastTrade`      `number`      The adjusted last trade

`symbolDescription`      `string`      The symbol description

`perform1Month`      `number`      The one-month performance

`perform3Month`      `number`      The three-month performance

`perform6Month`      `number`      The six-month performance

`perform12Month`      `number`      The 12-month performance

`prevDayVolume`      `integer  
(int64)`      The previous day's volume

`tenDayVolume`      `integer  
(int64)`      The 10 day average volume

`beta`      `number`      The beta

`sv10DaysAvg`      `number`      The 10 day average stochastic  
volatility

`sv20DaysAvg`      `number`      The 20 day average stochastic  
volatility

`sv1MonAvg`      `number`      The one month average stochastic  
volatility

`sv2MonAvg`      `number`      The two month average stochastic volatility

`sv3MonAvg`      `number`      The three month average stochastic volatility

`sv4MonAvg`      `number`      The four month average stochastic volatility

`sv6MonAvg`      `number`      The six month average stochastic volatility

`week52High`      `number`      The 52 week high

`week52Low`      `number`      The 52 week low

`week52Range`      `string`      The 52 week range

`marketCap`      `number`      The market cap

`daysRange`      `string`      The day's range

`delta52WkHigh`      `number`      The high for the 52 week high/low delta calculation

`delta52WkLow` `number` The low for the 52 week high/low delta calculation

`currency` `string` The currency

`exchange` `string` The exchange

`marginable` `boolean` The sum available for margin

`bid` `number` The bid

`ask` `number` The ask

`bidAskSpread` `number` The bid ask spread

`bidSize` `integer  
(int64)` The size of the bid

`askSize` `integer  
(int64)` The size of the ask

`open` `number` The open

`delta`      `number`    The delta

`gamma`      `number`    The gamma

`vPct`      `number`    The Implied Volatility (IV) percentage

`rho`      `number`    The rho

`theta`      `number`    The theta

`vega`      `number`    The vega

`premium`      `number`    The premium

`daysToExpiration`      `integer  
(int32)`    The days remaining until expiration

`intrinsicValue`      `number`    The intrinsic value

`openInterest`      `number`    The open interest

`optionsAdjustedFlag`      `boolean`    The options adjusted flag

`deliverablesStr`      `string`      The deliverables

`optionMultiplier`      `number`      The option multiplier

`baseSymbolAndPrice` `string`      The price of the underlying or base symbol

`estEarnings`      `number`      The estimated earnings

`eps`      `number`      The earnings per share

`peRatio`      `number`      The Price to Earnings (P/E) ratio

`annualDividend`      `number`      The annual dividend

`dividend`      `number`      The dividend

`divYield`      `number`      The dividend yield

`divPayDate`      `integer (int64)`      The date of the dividend pay

<code>exDividendDate</code>	<code>integer (int64)</code>	The extended dividend date
<code>cusip</code>	<code>string</code>	The CUSIP number
<code>quoteStatus</code>	<code>string</code>	<code>REALTIME, DELAYED, CLOSING, EH_REALTIME, EH_BEFORE_OPEN, EH_CLOSED</code>

## FundamentalView [link](#)

Property	Type	Description	Possible Values
<code>lastTrade</code>	<code>number</code>	The last trade total	
<code>lastTradeTime</code>	<code>integer (int64)</code>	The time of the last trade	
<code>change</code>	<code>number</code>	The change	
<code>changePct</code>	<code>number</code>	The change percentage	
<code>peRatio</code>	<code>number</code>	The Price to Earnings (P/E) ratio	

`eps` `number` The earnings per share

`dividend` `number` The dividend

`divYield` `number` The dividend yield

`marketCap` `number` The market cap

`week52Range` `string` The 52 week range

`quoteStatus` `string` The quote type  
REALTIME, DELAYED, CLOSING,  
EH\_REALTIME, EH\_BEFORE\_OPEN,  
EH\_CLOSED

## OptionsWatchView [link](#)

Property	Type	Description	Possible Values
----------	------	-------------	-----------------

---

`baseSymbolAndPrice` `string` The price of the underlying or base symbol of the option

`premium` `number` The option premium

`lastTrade` `number` The last trade

<code>bid</code>	<code>number</code>	The bid	
<code>ask</code>	<code>number</code>	The ask	
<code>quoteStatus</code>	<code>string</code>	The quote type	<code>REALTIME, DELAYED, CLOSING, EH_REALTIME, EH_BEFORE_OPEN, EH_CLOSED</code>
<code>lastTradeTime</code>	<code>integer (int64)</code>	The time of the last trade	

## PerformanceView [link](#)

Property	Type	Description	Possible Values
<code>change</code>	<code>number</code>	The change	
<code>changePct</code>	<code>number</code>	The change percentage	
<code>lastTrade</code>	<code>number</code>	The last trade	
<code>daysGain</code>	<code>number</code>	The gain over the day	

`totalGain` `number` The total gain

`totalGainPct` `number` The total gain percentage

`marketValue` `number` The market value

`quoteStatus` `string` The quote type  
REALTIME, DELAYED, CLOSING,  
EH\_REALTIME, EH\_BEFORE\_OPEN,  
EH\_CLOSED

`lastTradeTime` `integer`  
(`int64`) The time of the last trade

## PortfolioResponse [link](#)

Property	Type	Description	Possible Values
<code>totals</code>	<a href="#">Totals</a>	The portfolio totals	

`accountPortfolio` `array[AccountPortfolio]` The account portfolio array

## Position [link](#)

Property	Type	Description	Possible Values

---

positionId	integer (int64)	The position ID
accountId	string	Numeric account ID
product	Product	The product
osiKey	string	The Options Symbology Initiative (OSI) key containing the option root symbol, expiration date, call/put indicator, and strike price
symbolDescription	string	The symbol description
dateAcquired	integer (int64)	The date the position was acquired
pricePaid	number	The price paid for the position
price	number	The price of the position
commissions	number	The commissions paid for the position
otherFees	number	The other fees paid to acquire the position
quantity	number	The quantity

positionIndicator	string	The position indicator	TYPE1, TYPE2, TYPE5, UNDEFINED
positionType	string	The position type	
change	number	The change	
changePct	number	The percentage change	
daysGain	number	The day's gain	
daysGainPct	number	The percentage day's gain	
marketValue	number	The market value	
totalCost	number	The total cost	
totalGain	number	The total gain	
totalGainPct	number	The total gain percentage	
pcntOfPortfolio	number	The percentage of the portfolio	

`costPerShare` `number` The cost per share

`todayCommissions` `number` Today's total commissions

`todayFees` `number` Today's total fees

`todayPricePaid` `number` Today's total price paid

`todayQuantity` `number` Today's total quantity

`quotestatus` `string` The quote type

`dateTimeUTC` `integer (int64)` The date and time in UTC

`adjPrevClose` `number` The previous adjusted close

`performance` `PerformanceView` The performance view

`fundamental` `FundamentalView` The fundamental view

`optionsWatch` `OptionsWatchView` The options watch view

quick [QuickView](#) The quick view

complete [CompleteView](#) The complete view

lotsDetails string The lots details

quoteDetails string The quote details

positionLot array[[PositionLot](#)] The position lot

## PositionLot [link](#)

Property	Type	Description	Possible Values
----------	------	-------------	-----------------

---

positionId integer (int64) The position ID

positionLotId integer (int64) The position lot ID

price number (double) The position lot price

termCode integer (int32) The term code

`daysGain`      number (double)      The days gain

`daysGainPct`      number (double)      The days gain percentage

`marketValue`      number (double)      The market value

`totalCost`      number (double)      The total cost

`totalCostForGainPct`      number (double)      The total cost for the percentage gain

`totalGain`      number (double)      The total gain

`lotSourceCode`      integer (int32)      The lot source code

`originalQty`      number      The original quantity

`remainingQty`      number      The remaining quantity

`availableQty`      number      The available quantity

`orderNo`      integer (int64)      The order number

`legNo` `integer (int32)` The leg number

`acquiredDate` `integer (int64)` The date acquired

`locationCode` `integer (int32)` The location code

`exchangeRate` `number (double)` The exchange rate

`settlementCurrency` `string` The settlement currency

`paymentCurrency` `string` The payment currency

`adjPrice` `number (double)` The adjusted price

`commPerShare` `number (double)` The commissions per share

`feesPerShare` `number (double)` The fees per share

`premiumAdj` `number` The adjusted premium

`shortType` `integer (int32)` The short type

Product [link](#)

Property	Type	Description	Possible Values
symbol	string	The symbol for which the quote details are being accessed	
securityType	string	The type code to identify the order or leg request	BOND, EQ, INDX, MF, MMF, OPTN
securitySubType	string	The subtype of the security	
callPut	string	The option type - either CALL or PUT	CALL, PUT
expiryYear	integer (int32)	The four-digit year the option will expire	
expiryMonth	integer (int32)	The month (1-12) the option will expire	
expiryDay	integer (int32)	The day (1-31) the option will expire	
strikePrice	number	The strike price for the option	
expiryType	string	The expiration type for the option	
productId	ProductId	ProductId	

## ProductId [link](#)

Property	Type	Description	Possible Values
symbol	string	The market symbol for the security being bought or sold	EQUITY, OPTION, MUTUAL_FUND, INDEX, MONEY_MARKET_FUND, BOND, UNKNOWN, WILDCARD, MOVE, ETF, EQUITY_OPTIONETF, EQUITYETF, CLOSED-END_FUND, PREFERRED, EQUITYOPTN, EXCHANGE_TRADED_FUND, MUTUAL_FUND_MONEY_MARKET_FUND
typeCode	string	Product Type Code	

## QuickView [link](#)

Property	Type	Description	Possible Values
lastTrade	number	The last trade	
lastTradeTime	integer (int64)	The time of the last trade	
change	number	The change	

changePct	number (int64)	The change percentage	
volume	integer (int64)	The total volume	
quoteStatus	string	The quote type	REALTIME, DELAYED, CLOSING, EH_REALTIME, EH_BEFORE_OPEN, EH_CLOSED
sevenDayCurrentYield	number (double)	The seven day current yield	
annualTotalReturn	number (double)	The total annual return	
weightedAverageMaturity	number (double)	The weighted average maturity	

## Totals [link](#)

Property	Type	Description	Possible Values
todaysGainLoss	number	Today's gain or loss	

`todaysGainLossPct`      `number`      Today's gain or loss percentage

`totalMarketValue`      `number`      Today's market value

`totalGainLoss`      `number`      The total gain or loss

`totalGainLossPct`      `number`      The total gain loss percentage

`totalPricePaid`      `number`      The total price paid

`cashBalance`      `number`      The cash balance

## Notes

To page through a large number of items, use the `count` property to specify how many items to return in a group (the default is 25), and the `marker` property to specify the starting point (the default is the newest). For instance, a request with no `count` and no `marker` retrieves the newest 25 items. Each response includes a `marker` that points to the beginning of the next group. To page through all the items, repeat the request with the `marker` from each previous response until you receive a response with an empty `marker`, indicating that there are no more items.

The API does not explicitly provide for bi-directional paging. Your application can support paging backward and forward either by saving and re-using markers within the series (that is, to re-issue the requests for earlier pages in the series), or saving and re-displaying the items that are returned.

## Example

### Get Portfolio Request URL

`content_copy`

<https://api.etrade.com/v1/accounts/JDIOzUumZpHdgbIjMnAAHQ/portfolio>

## Response

[content\\_copy](#)

```
<?xml version="1.0" encoding="UTF-8"?>
<PortfolioResponse>
  <AccountPortfolio>
    <accountId>835547880</accountId>
    <Position>
      <positionId>10087531</positionId>
      <Product>
        <expiryDay>0</expiryDay>
        <expiryMonth>0</expiryMonth>
        <expiryYear>0</expiryYear>
        <securityType>EQ</securityType>
        <strikePrice>0</strikePrice>
        <symbol>A</symbol>
      </Product>
      <symbolDescription>A</symbolDescription>
      <dateAcquired>-68400000</dateAcquired>
      <pricePaid>0</pricePaid>
      <commissions>0</commissions>
      <otherFees>0</otherFees>
      <quantity>-120</quantity>
      <positionIndicator>TYPE2</positionIndicator>
      <positionType>SHORT</positionType>
      <daysGain>190.80</daysGain>
      <daysGainPct>2.4472</daysGainPct>
      <marketValue>-7605.60</marketValue>
      <totalCost>0</totalCost>
      <totalGain>-7605.60</totalGain>
      <totalGainPct>0</totalGainPct>
      <pctOfPortfolio>-0.0008</pctOfPortfolio>
      <costPerShare>0</costPerShare>
      <todayCommissions>0</todayCommissions>
      <todayFees>0</todayFees>
      <todayPricePaid>0</todayPricePaid>
      <todayQuantity>0</todayQuantity>
      <adjPrevClose>64.970000</adjPrevClose>
      <Quick>
        <change>-1.59</change>
        <changePct>-2.4472</changePct>
        <lastTrade>63.38</lastTrade>
        <lastTradeTime>1529429280</lastTradeTime>
        <quoteStatus>DELAYED</quoteStatus>
        <volume>2431617</volume>
      </Quick>
    </Position>
    <Position>
      <lotsDetails>https://api.etrade.com/v1/accounts/JDIozUumZpHdgbIjMnAAHQ/portfolio/10087531</lotsDetails>
        <quoteDetails>https://api.etrade.com/v1/market/quote/A</quoteDetails>
    </Position>
  </Position>
```

```
<positionId>140357348131</positionId>
<Product>
    <expiryDay>0</expiryDay>
    <expiryMonth>0</expiryMonth>
    <expiryYear>0</expiryYear>
    <securityType>EQ</securityType>
    <strikePrice>0</strikePrice>
    <symbol>TWTR</symbol>
</Product>
<symbolDescription>TWTR</symbolDescription>
<dateAcquired>-68400000</dateAcquired>
<pricePaid>0</pricePaid>
<commissions>0</commissions>
<otherFees>0</otherFees>
<quantity>3</quantity>
<positionIndicator>TYPE2</positionIndicator>
<positionType>LONG</positionType>
<daysGain>-3.915</daysGain>
<daysGainPct>-2.8369</daysGainPct>
<marketValue>134.085</marketValue>
<totalCost>0</totalCost>
<totalGain>134.085</totalGain>
<totalGainPct>0</totalGainPct>
<pctOfPortfolio>0.0235</pctOfPortfolio>
<costPerShare>0</costPerShare>
<todayCommissions>0</todayCommissions>
<todayFees>0</todayFees>
<todayPricePaid>0</todayPricePaid>
<todayQuantity>0</todayQuantity>
<adjPrevClose>46.00000</adjPrevClose>
<Quick>
    <change>-1.305</change>
    <changePct>-2.8369</changePct>
    <lastTrade>44.695</lastTrade>
    <lastTradeTime>1529429280</lastTradeTime>
    <quoteStatus>DELAYED</quoteStatus>
    <volume>26582141</volume>
</Quick>

<lotsDetails>https://api.etrade.com/v1/accounts/yIFaUoJ81qyAhgxLWRQ42g/portfolio/140357348131</lotsDetails>
    <quoteDetails>https://api.etrade.com/v1/market/quote/TWTR</quoteDetails>
</Position>
<totalPages>1</totalPages>
</AccountPortfolio>
</PortfolioResponse>
```