

# 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			Error
Code	Reason	Response Model	Code
200	Successful operation.	<a href="#">AccountListResponse</a>	
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 1-800-ETRADE-1 (1-800-387-2331) or email us at service@etrade.com.	100
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500	Currently we are undergoing maintenance, please try again later.	370
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## Account [link](#)

Property	Type	Description	Possible Values
instNo	integer		
accountId	string	The user's account ID	
<a href="#">accountIdKey</a>	string	The unique account key	
accountMode	string	The account mode	CASH, MARGIN, CHECKING, IRA, SAVINGS, CD

accountDesc	string	Description of account
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accountName	string	The nickname for the account
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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,  
NVCLUB\_C\_CORP,  
NVCLUB\_LLC\_C\_CORP,  
NVCLUB\_LLC\_PARTNERSHIP,  
NVCLUB\_LLC\_S\_CORP,  
NVCLUB\_PARTNERSHIP,  
NVCLUB\_S\_CORP,  
NVCLUB\_TRUST,  
IRA\_ROLLOVER, JOINT,  
JTEN, JTWROS,  
\_LC\_C\_CORP,  
\_LC\_PARTNERSHIP,  
\_LC\_S\_CORP, LLP,  
\_LP\_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 accountBROKERAGE

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

isManagedMssbClosedAccount boolean

## AccountListResponse [link](#)

Property	Type	Description	Possible Values
accounts	<a href="#">Accounts</a>	List of accounts	

## Accounts [link](#)

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

## 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>JId0IAcSpwRlJva7RQBraQ</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
<hr/>				

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,  
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
instType	query	yes		The account institution type for which the balance or information is 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
200	Successful operation.	BalanceResponse	
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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400	Please enter valid account key.	102
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BalanceResponse [link](#)

Property	Type	Description	Possible Values
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accountId	string	The account ID for which the balance is requested
institutionType	string	The account institution type for which the balance or information is requested 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
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,  
\_LC\_C\_CORP,  
\_LC\_PARTNERSHIP,  
\_LC\_S\_CORP, LLP,  
\_LP\_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	Ending	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	<a href="#">OpenCalls</a>	The open calls
realTimeValues	<a href="#">RealTimeValues</a>	The real time values
portfolioMargin	<a href="#">PortfolioMargin</a>	The total margin for the portfolio

## Lending [link](#)

Property	Type	Description	Possible values
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
astYtdInterestPaid	number	The last year-to-date interest paid on the lent funds
paymentDueDate	integer (int64)	The payment due date on the lent funds
astPaymentReceivedDate	integer (int64)	The date of last payment received on the lent funds
paymentReceivedMtd	number	The month-to-date total of payments received on ent 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
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excessEquityMinusRequirement	number	The excess equity minus the portfolio requirement
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totalMarginRqmts	number	The total margin requirements
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availExcessEquity	number	The available excess equity
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excessEquity	number	The excess equity
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openOrderReserve	number	The open order reserve
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fundsOnHold	number	The funds on hold
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## RealTimeValues [link](#)

Property	Type	Description	Possible Values
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totalAccountValue	number	The total account value
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netMv	number	The net market value
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netMvLong	number	The long net market value
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netMvShort	number	The short net market value
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totalLongValue	number	The total long value
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## 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-offic edocument.spreadsheetml.sheet, application/json, application/xml
<a href="#">accountIdKey</a>	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.
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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.
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## Response

Status			Error
Code	Reason	Response Model	Code

200	Successful Operation.	<a href="#">TransactionDetailsResponse</a>	
-----	-----------------------	--	--

204	There are no results for this search query.		53
-----	---	--	----

400	Account key does not belong to user.		100
-----	--------------------------------------	--	-----

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400	Invalid Marker. Both PageMarker and Marker passed.	2008
-----	--	------

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

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400	Please enter valid account key.	102
-----	---------------------------------	-----

---

400	Invalid SortColumn.	2006
-----	---------------------	------

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400	Invalid count. Count value should be between 1 and 50.	2005
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400	Invalid date format. Format must be MMDDYYYY; for example, 07112018.	2004
-----	--	------

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

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404	Invalid Request. Multiple transaction types provided.	1010
-----	---	------

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

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

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404	Invalid Order Id.	1005
-----	-------------------	------

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404	The security type is not supported for the specified transaction group or multiple security types were provided, which is not permitted.	1004
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404	Invalid Amount. Amount value is not numeric	1015
-----	---	------

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404	Invalid Transaction Group.	1003
-----	----------------------------	------

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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
-----	---	------

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

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

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

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

## Sandbox URL

[content\\_copy](#)

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

## Request

Property	Type	Required?	Description	Allowable Values
Accept	header	no	Format in which transaction detail can be returned	application/pdf, application/json, application/xml



accountIdKey	path	yes	The unique account key. Retrievable by calling the List Accounts API.
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transId	path	yes	transactionId
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storeId	query	no	storage location for older transactions
---------	-------	----	---

## 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 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
-----	---	-----

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500	Due to technical difficulties, we are unable to obtain your account information. Please try again later. We apologize for the inconvenience.	301
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Brokerage [link](#)

Property	Type	Description	Possible values
----------	------	-------------	-----------------

---

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, INDX, MF, MMF, OPTN
securitySubType	string	The subtype of the security	
callPut	string	The option type - either CALL or PUT	CALL, PUT



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

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

expiryDay             nteger (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	
typeCode	string	Product Type Code	EQUITY, OPTION, MUTUAL_FUND, INDEX, MONEY_MARKET_FUND, BOND, UNKNOWN, WILDCARD, MOVE, ETF, EQUITY_OPTION ETF, EQUITY ETF, CLOSED_END_FUND, PREFERRED, EQUITY_OPTN,

EXCHANGE\_TRADED\_FUND,  
MUTUAL\_FUND\_MONEY\_MARKET\_FUND

## TransactionDetailsResponse [link](#)

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

<pageMarkers>eNpTsAlITE91zi%2FNNK%2FHMc04syi8tTs2xM7TRxybMpWATkl%2BSmBOUmpxflAKWtTO10ccQg6mDmwEyEE0EqAbE8SvNTUotCk4tLE3NS061M9Ax0DEEYgOIA9BkuRQgmjxTfDKLQUYoQAV8E4uyU4vsDCOMzUwNDYDA0NzMrKamBmIKVJYLphpiKsyTUB7IbH1kwwFa7F0D</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 WITHDRAWAL 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>
    </Transaction>
</TransactionListResponse>

```

</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 WITHDRAWAL 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 WITHDRAWAL 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>eNptjkEOgjAQRfecogcgoYNSJGm6YUWixqgXqDAxRqSx0B2Ht1AwWuiiSf%2F8vjeEn%2BQdc
2WarmhyqZVpsRYxj9bigPCr6mR9xlLpapyKhEeLb059GQPQS2xneBzN64b6gm%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.	



sortBy

query no

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

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,

				DAYS_EXPIRATION, OPEN_INTEREST, INSTRINIC_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.	
lotsRequired	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 Code	Reason	Response Model	Error Code
200	Successful operation.	<a href="#">PortfolioResponse</a>	
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.	311
-----	---	-----

---

500	Due to technical difficulties, we are unable to get your portfolio information. Please re-attempt later. We apologize for the inconvenience.	312
-----	--	-----

## 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[ <a href="#">Position</a> ]	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
astTrade	number	The last trade
astTradeTime	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

exDividendDate	integer (int64)	The extended dividend date	
cusip	string	The CUSIP number	
quoteStatus	string	The quote type	REALTIME, DELAYED, CLOSING, EH_REALTIME, EH_BEFORE_OPEN, EH_CLOSED

## FundamentalView [link](#)

Property	Type	Description	Possible Values
lastTrade	number	The last trade total	
lastTradeTime	integer (int64)	The time of the last trade	
change	number	The change	
changePct	number	The change percentage	
peRatio	number	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
---------	--------	--------------------

astTrade	number	The last trade
----------	--------	----------------

bid	number	The bid
-----	--------	---------

ask	number	The ask
-----	--------	---------

quoteStatus	string	The quote type	REALTIME, DELAYED, CLOSING, EH_REALTIME, EH_BEFORE_OPEN, EH_CLOSED
-------------	--------	----------------	--

astTradeTime	integer (int64)	The time of the last trade
--------------	--------------------	----------------------------

## PerformanceView [link](#)

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

---

change	number	The change
--------	--------	------------

changePct	number	The change percentage
-----------	--------	-----------------------

astTrade	number	The last trade
----------	--------	----------------

daysGain	number	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
-------------	--------	----------------	--

astTradeTime	integer (int64)	The time of the last trade
--------------	--------------------	----------------------------

## PortfolioResponse [link](#)

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

---

totals	<a href="#">Totals</a>	The portfolio totals
--------	------------------------	----------------------

accountPortfolio	array[ <a href="#">AccountPortfolio</a> ]	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	
pctOfPortfolio	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	<a href="#">PerformanceView</a>	The performance view
fundamental	<a href="#">FundamentalView</a>	The fundamental view
optionsWatch	<a href="#">OptionsWatchView</a>	The options watch view

quick	<a href="#">QuickView</a>	The quick view
complete	<a href="#">CompleteView</a>	The complete view
lotsDetails	string	The lots details
quoteDetails	string	The quote details
positionLot	array[ <a href="#">PositionLot</a> ]	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
ocationCode	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	
typeCode	string	Product Type Code	EQUITY, OPTION, MUTUAL_FUND, INDEX, MONEY_MARKET_FUND, BOND, UNKNOWN, WILDCARD, MOVE, ETF, EQUITY_OPTION ETF, EQUITY ETF, CLOSED_END_FUND, PREFERRED, EQUITY_OPTN, EXCHANGE_TRADED_FUND, MUTUAL_FUND_MONEY_MARKET_FUND

QuickView [link](#)

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

changePct	number	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
todayGainLoss	number	Today's gain or loss	

todayGainLossPct	number	Today's gain or loss percentage
------------------	--------	---------------------------------

totalMarketValue	number	Today's market value
------------------	--------	----------------------

totalGainLoss	number	The total gain or loss
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totalGainLossPct	number	The total gain loss percentage
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totalPricePaid	number	The total price paid
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cashBalance	number	The cash balance
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## 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>
  </AccountPortfolio>
</PortfolioResponse>
```

```
<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>46.000000</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>
```