# gctrader.trading-api docs (1.0.17)

## Download OpenAPI specification:

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Trading API project for GCTrader

app-controller

App Controller

获取API基本信息

Responses

**— 200** OK

**— 401** Unauthorized

**— 403** Forbidden

**— 404** Not Found



/

GET

检查检查入口

Responses

**— 200** OK

**— 204** No Content

**— 401** Unauthorized

**— 403** Forbidden



/

HEAD

assets-controller

Assets Controller

获取账户余额

HEADER PARAMETERS

Account



required

Authorization

required

string

## AccountKey

string

## 访问令牌

Responses



**200** OK

RESPONSE SCHEMA: \*/\*

code



cashAvailableForTrading

number <double>

可交易现金

cashAvailableForWithdrawal

number <double>

可提现金

cashBalance

number <double>

现金余额

collateralAvailable

number <double>

可用抵押资产

currency

string

币种

currencyDecimals

integer <int32>

货币精度

netPositionsCount

integer <int32>

净持仓数量

totalValue

number <double>

总资产

unrealizedPositionsValue

number <double>

未实现持仓市值

data

message

time

integer <int32>

## 错误码

object (AccountBalanceModel)

## 账户余额

string

## 错误消息

string <date-time>

## 当前时间

**— 401** Unauthorized

**— 403** Forbidden

**— 404** Not Found



/assets/balance

GET

获取全部持仓

QUERY PARAMETERS

accountKey

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

offset

size

sortKey

sortSide

symbol

HEADER PARAMETERS

string

## account key

integer <int32>

## 偏移量

integer <int32>

## 分页大小

string Enum:

"Default" "MarketValue" "ProfitLoss"

## 排序字段

string Enum:

## 排序方向

"ASC" "DESC"

string

## 股票ID

Account



required

Authorization

required

string

## AccountKey

string

## 访问令牌



Responses



**200** OK

RESPONSE SCHEMA: \*/\*

code



data

integer <int32>

## 错误码

Array of objects (PositionModel)

## 结果

Array () [

amount

averageOpenPrice

conversionRate

executionTimeLast

executionTimeOpen

marketOpen

marketPrice

marketTime

marketValue

marketValueInBaseCurrency

profitLoss

number <double>

## 数量

number <double>

## 平均成交价

number <double>

## 汇率

string <date-time>

## 最后成交时间

string <date-time>

## 开仓时间

boolean

## 是否开市

number <double>

## 行情报价

string <date-time>

## 行情时间

number <double>

## 市值

number <double>

## 基础货币市值

number <double>



持仓盈亏

profitLossInBaseCurrency

number <double>

基础货币持仓盈亏

status

string Enum:

"Open"

"Closing"

"RelatedClose"

持仓状态

stockSymbol

object (StockSymbolModel)

股票标的信息摘要

]

"PartiallyClosed"

"Locked"

"UNRECOGNIZED"

"Square"

"Closed"

message



time

string

## 错误消息

string <date-time>

## 当前时间

**— 401** Unauthorized

**— 403** Forbidden

**— 404** Not Found



/assets/positions

GET

查询单个持仓

PATH PARAMETERS

symbol

required

string

## 股票ID

HEADER PARAMETERS

Account



required

Authorization

required

string

## AccountKey

string

## 访问令牌

Responses



**200** OK

RESPONSE SCHEMA: \*/\*

code



data

integer <int32>

## 错误码

object (PositionModel)

## 持仓

amount

averageOpenPrice

conversionRate

executionTimeLast

executionTimeOpen

marketOpen

marketPrice

marketTime

marketValue

number <double>

## 数量

number <double>

## 平均成交价

number <double>

## 汇率

string <date-time>

## 最后成交时间

string <date-time>

## 开仓时间

boolean

## 是否开市

number <double>

## 行情报价

string <date-time>

## 行情时间

number <double>

## 市值



marketValueInBaseCurrency number <double>

基础货币市值

profitLoss

number <double>

持仓盈亏

profitLossInBaseCurrency number <double>

基础货币持仓盈亏

status

string

Enum:

"Closing"

"Open"

"PartiallyClosed" "RelatedClose"

持仓状态

stockSymbol

object (StockSymbolModel)

股票标的信息摘要

"UNRECOGNIZED"

"Square"

"Locked"

"Closed"

message



time

string

## 错误消息

string <date-time>

## 当前时间

**— 401** Unauthorized

**— 403** Forbidden

**— 404** Not Found



/assets/positions/{symbol}

GET

获取市场持仓

QUERY PARAMETERS

accountKey



string

## account key

offset

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |

size

sortKey

sortSide

symbol

HEADER PARAMETERS

integer <int32>

## 偏移量

integer <int32>

## 分页大小

string Enum:

"Default" "MarketValue" "ProfitLoss"

## 排序字段

string Enum:

"ASC" "DESC"

## 排序方向

string

## 股票ID

Account



required

Authorization

required

string

## AccountKey

string

## 访问令牌

Responses



**200** OK

RESPONSE SCHEMA: \*/\*



code

integer <int32>

错误码

data

Array of objects (MarketPositionsModel)

结果

Array () [

currency

string

币种

market

string

市场



marketOpen

boolean

是否开市

positions

Array of objects (PositionModel)

持仓

profitLoss

number <double>

持仓盈亏

profitLossInBaseCurrency number <double>

基础货币持仓盈亏

totalPositionsValue

number <double>

总持仓市值

]

message



time

string

## 错误消息

string <date-time>

## 当前时间

**— 401** Unauthorized

**— 403** Forbidden

**— 404** Not Found



/assets/positionsOnMkt

GET

o-auth-2-controller

O Auth 2 Controller

申请授权

Responses



**200** OK

RESPONSE SCHEMA: \*/\*

string

**— 401** Unauthorized

**— 403** Forbidden

**— 404** Not Found



/auth

GET

刷新TOKEN

PATH PARAMETERS

refreshToken

required

string

## 刷新令牌

HEADER PARAMETERS

Authorization

required

string

## 访问令牌

Responses



**200** OK

RESPONSE SCHEMA: \*/\*

accessToken



createdAt

expiresIn

refreshToken

refreshTokenExpiresIn

tokenType

string

## 访问令牌

string <date-time>

## 创建时间

integer <int32>

## 访问令牌过期时间

string

## 刷新令牌

integer <int32>

## 刷新令牌过期时间

string

## 令牌类型

**— 201** Created

**— 401** Unauthorized

**— 403** Forbidden

**— 404** Not Found



/refresh/{refreshToken}

PUT

授权验证

QUERY PARAMETERS

code



required

string

## code

state



required

string

## state

Responses



**200** OK

RESPONSE SCHEMA: \*/\*

empty model



*property name\**

object

modelMap

reference status

boolean object object

boolean string

Enum:

"ALREADY\_REPORTED" "BAD\_GATEWAY"

"CHECKPOINT"

"BANDWIDTH\_LIMIT\_EXCEEDED"

"BAD\_REQUEST"

"ACCEPTED"

"CONFLICT" "CONTINUE" "CREATED"

"FOUND" "GATEWAY\_TIMEOUT" "GONE"

"FORBIDDEN"

"FAILED\_DEPENDENCY"

"EXPECTATION\_FAILED"

"DESTINATION\_LOCKED"

"IM\_USED"

"INSUFFICIENT\_STORAGE"

"LOCKED"

"LOOP\_DETECTED"

"LENGTH\_REQUIRED"

"I\_AM\_A\_TEAPOT"

"INTERNAL\_SERVER\_ERROR"

"INSUFFICIENT\_SPACE\_ON\_RESOURCE"

"HTTP\_VERSION\_NOT\_SUPPORTED"

"METHOD\_FAILURE"

"MULTI\_STATUS"

"MULTIPLE\_CHOICES"

"MOVED\_TEMPORARILY"

"MOVED\_PERMANENTLY"

"METHOD\_NOT\_ALLOWED"

"NOT\_IMPLEMENTED"

"NOT\_FOUND"

"NOT\_EXTENDED"

"NOT\_ACCEPTABLE"

"NON\_AUTHORITATIVE\_INFORMATION"

"NETWORK\_AUTHENTICATION\_REQUIRED"

"OK"

"PRECONDITION\_FAILED"

"PERMANENT\_REDIRECT"

"PAYMENT\_REQUIRED"

"PAYLOAD\_TOO\_LARGE"

"PARTIAL\_CONTENT"

"NO\_CONTENT"

"NOT\_MODIFIED"

"REQUESTED\_RANGE\_NOT\_SATISFIABLE"

"PROXY\_AUTHENTICATION\_REQUIRED"

"PROCESSING"

"PRECONDITION\_REQUIRED"

"REQUEST\_ENTITY\_TOO\_LARGE"

"REQUEST\_TIMEOUT"

"REQUEST\_HEADER\_FIELDS\_TOO\_LARGE"

"TEMPORARY\_REDIRECT"

"TOO\_MANY\_REQUESTS"

"TOO\_EARLY"

"SWITCHING\_PROTOCOLS"

"SERVICE\_UNAVAILABLE"

"SEE\_OTHER"

"RESET\_CONTENT"

"REQUEST\_URI\_TOO\_LONG"

"USE\_PROXY"

"URI\_TOO\_LONG"

"UPGRADE\_REQUIRED"

"UNSUPPORTED\_MEDIA\_TYPE"

"UNPROCESSABLE\_ENTITY"

"UNAVAILABLE\_FOR\_LEGAL\_REASONS"

"UNAUTHORIZED"

"VARIANT\_ALSO\_NEGOTIATES"



contentType

string

view

object (View)

viewName

string

**— 401** Unauthorized

**— 403** Forbidden

**— 404** Not Found



/token

GET

# orders-controller

## Orders Controller

查询历史订单

QUERY PARAMETERS

countryCode



string



## 地区代码

from

lastLogId

orderId

size

statusFilter

string <date>

## 开始时间

string

## 分页ID

string

## 订单号

integer <int32>

## 分页大小

string Enum:

"Cancelled" "Failed"

"Invalid"

"Filled"

## 状态筛选

HEADER PARAMETERS

Account



required

Authorization

required

string

## accountKey 用户标识

string

## Bearer Token

Responses



**200** OK

RESPONSE SCHEMA: \*/\*



code

integer <int32>

错误码

data

Array of objects (OrderActivityModel)

结果

Array () [

activityTime

string <date-time>

操作时间

amount

number <double>

## 订单数量

averagePrice

duration

executionPrice

fillAmount

filledAmount

logId

orderId

orderType

positionId

price

referenceId

side

number <double>

## 成交均价

object (ApiOrderDuration) number <double>

## 成交价

number <double>

## 当前成交数量

number <double>

## 总成交数量

string

## 日志ID

string

## 订单ID

string Enum:

"UNRECOGNIZED"

"Market"

"Limit"

## 订单类型

string

## 持仓ID

number <double>

## 订单报价

string

## 关联订单ID

string

Enum: "Buy" "Sell"

"UNRECOGNIZED"

## 订单方向

status

string Enum:

"Fill"

"FinalFill"

"Cancelled"

"Working"

## 订单状态

"Changed"

"Placed"

"Expired"

"DoneForDay"

"UNRECOGNIZED"

subStatus

string

Enum: "Confirmed" "Rejected" "RouteRequestPending"

"RouteRequested"

"Requested"

"UNRECOGNIZED"



订单子状态

symbol

object (StockSymbolModel)

股票标的信息摘要

]

message



time

string

## 错误消息

string <date-time>

## 当前时间

**— 401** Unauthorized

**— 403** Forbidden

**— 404** Not Found



/orders/activities

GET

查询当日委托

QUERY PARAMETERS

countryCode



orderId

statusFilter

string

## 地区代码

string

## 订单号

string Enum:

"Invalid"

"Filled"

## 状态筛选

HEADER PARAMETERS

Account



required

string

## accountKey 用户标识

Authorization



required

string

## Bearer Token

Responses



**200** OK

RESPONSE SCHEMA: \*/\*

code



data

integer <int32>

## 错误码

Array of objects (OrderActivityModel)

## 结果

Array () [

activityTime

amount

averagePrice

duration

executionPrice

fillAmount

filledAmount

logId

orderId

orderType

string <date-time>

## 操作时间

number <double>

## 订单数量

number <double>

## 成交均价

object (ApiOrderDuration) number <double>

## 成交价

number <double>

## 当前成交数量

number <double>

## 总成交数量

string

## 日志ID

string

## 订单ID

string



Enum: "Limit" "Market" "UNRECOGNIZED"

订单类型

positionId

string

持仓ID

price

number <double>

订单报价

referenceId

string

关联订单ID

side

string

Enum: "Buy" "Sell"

订单方向

status

string Enum:

"Fill"

"Working"

订单状态

"Changed"

"Expired"

subStatus

string

Enum: "Confirmed" "Rejected" "RouteRequestPending"

订单子状态

symbol

object (StockSymbolModel)

股票标的信息摘要

]

"UNRECOGNIZED"

"RouteRequested"

"Requested"

"UNRECOGNIZED"

"Placed"

"FinalFill"

"DoneForDay"

"Cancelled"

"UNRECOGNIZED"

message



time

string

## 错误消息

string <date-time>

## 当前时间

**— 401** Unauthorized

**— 403** Forbidden

**— 404** Not Found



/orders/activities/today

GET

撤单

HEADER PARAMETERS

Account



required

Authorization

required

string

## accountKey 用户标识

string

## Bearer Token

REQUEST BODY SCHEMA: application/json

orderIds

required

Array of strings

## 订单ID

Responses



**200** OK

RESPONSE SCHEMA: \*/\*



Array () [

errorInfo

object (ApiResponseBase)

orderId

string

订单号

referenceId

string

显示订单号

]

code

integer <int32>

错误码

data

Array of objects (OrderIdModel)

结果

message



time

string

## 错误消息

string <date-time>

## 当前时间

**— 204** No Content

**— 401** Unauthorized

**— 403** Forbidden



/orders/cancel

**Request samples**

**Payload**

**Content type**

application/json

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{ … }

DELETE

未成订单查询

QUERY PARAMETERS

countryCode

|  |
| --- |
|  |
|  |
|  |
|  |

offset

orderId

string

## 地区代码

integer <int32>

## 分页偏移量

string

## 订单号

size



integer <int32>

## 分页大小

HEADER PARAMETERS

Account



required

Authorization

required

string

## accountKey 用户标识

string

## Bearer Token

Responses



**200** OK

RESPONSE SCHEMA: \*/\*



code

integer <int32>

错误码

data

Array of objects (OpenOrderModel)

结果

Array () [

accountKey

string

账户标识

amount

number <double>

数量

ask

number <double>

询价

bid

number <double>

竞价

duration

object (ApiOrderDuration)

filledAmount number <double>

已成数量

marketPrice

number <double>

行情价



marketTime

string <date-time>

行情时间

marketValue

number <double>

市值

orderId

string

订单号

orderTime

string <date-time>

报单时间

orderType

string Enum:

订单类型

price

number <double>

订单报价

side

string

Enum: "Buy" "Sell"

订单方向

status

string

Enum: "CancelPending" "ChangePending"

"Unknown" "Working"

订单状态

symbol

object (StockSymbolModel)

股票标的信息摘要

]

"UNRECOGNIZED"

"PlacementPending"

"Parked"

"NotWorking"

"Filled"

"UNRECOGNIZED"

"UNRECOGNIZED"

"Market"

"Limit"

message



time

string

## 错误消息

string <date-time>

## 当前时间

**— 401** Unauthorized

**— 403** Forbidden

**— 404** Not Found



/orders/openorders

GET

下单

HEADER PARAMETERS

Account



required

Authorization

required

string

## accountKey 用户标识

string

## Bearer Token

REQUEST BODY SCHEMA: application/json

amount

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

required

amountType

orderPrice

orderType

required

side

required

symbol

required

Responses

number <double>

## 数量

string Enum:

"Quantity" "UNRECOGNIZED"

"CashAmount"

## 订单数量类型

number <double>

## 报价

string Enum:

"UNRECOGNIZED"

"Market"

"Limit"

## 订单类型(Market=市价,Limit=限价)

string Enum:

"Buy" "Sell"

"UNRECOGNIZED"

## 订单方向

string

## 交易代码



**200** OK

RESPONSE SCHEMA: \*/\*



errorInfo

object (ApiResponseBase)

orderId

string

订单号

referenceId

string

显示订单号

code

integer <int32>

错误码

data

object (OrderIdModel)

message

string

错误消息

time

string <date-time>

当前时间

**— 201** Created

**— 401** Unauthorized

**— 403** Forbidden

**— 404** Not Found



/orders/place

**Request samples**

**Payload**

**Content type**

application/json

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{ … }

POST

下单检查

HEADER PARAMETERS

Account



required

Authorization

required

string

## accountKey 用户标识

string

## Bearer Token

REQUEST BODY SCHEMA: application/json

amount

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

required

amountType

orderPrice

orderType

required

side

required

symbol

required

Responses

number <double>

## 数量

string Enum:

"Quantity" "UNRECOGNIZED"

"CashAmount"

## 订单数量类型

number <double>

## 报价

string Enum:

"UNRECOGNIZED"

"Market"

"Limit"

## 订单类型(Market=市价,Limit=限价)

string Enum:

## 订单方向

"Buy" "Sell"

"UNRECOGNIZED"

string

## 交易代码



**200** OK

RESPONSE SCHEMA: \*/\*

code

|  |
| --- |
|  |
|  |
|  |
|  |

data

cost

object (CostData)

costInAccountCurrency

object (CostData)

estimatedCashRequired

number <double>

预估所需现金

estimatedCashRequiredCurrency

string

币种

estimatedTotalCost

number <double>

预估总花费

estimatedTotalCostInAccountCurrency number <double>

基础货币结算预估总花费

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

message

time

integer <int32>

## 错误码

object (OrderPreCheckModel)

string

## 错误消息

string <date-time>

## 当前时间

**— 201** Created

**— 401** Unauthorized

**— 403** Forbidden

**— 404** Not Found



/orders/precheck

**Request samples**

**Payload**

**Content type**

POST

{ … }

Copy Expand all Collapse all

application/json