

gctrader.trading-api docs (1.0.17)

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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



assets-controller

Assets Controller

获取账户余额

HEADER PARAMETERS

Account required	string AccountKey
Authorization required	string 访问令牌

Responses

✓ 200 OK

RESPONSE SCHEMA: */*

code	integer <int32> 错误码
data	object (AccountBalanceModel) 账户余额
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
message	
time	

— 401 Unauthorized

— 403 Forbidden

— 404 Not Found

/assets/balance

GET



获取全部持仓

QUERY PARAMETERS

accountKey	string account key
offset	integer <int32> 偏移量
size	integer <int32> 分页大小
sortKey	string Enum: "Default""MarketValue""ProfitLoss" 排序字段
sortSide	string Enum: "ASC""DESC" 排序方向
symbol	string 股票 ID

HEADER PARAMETERS

Account required	string AccountKey
Authorization required	string 访问令牌

Responses

✓ 200 OK

RESPONSE SCHEMA: */*

code	integer <int32> 错误码
data	Array of objects (PositionModel) 结果
Array () [
amount	number <double> 数量
averageOpenPrice	number <double> 平均成交价
conversionRate	number <double> 汇率
executionTimeLast	string <date-time> 最后成交时间
executionTimeOpen	string <date-time> 开仓时间
marketOpen	boolean 是否开市
marketPrice	number <double> 行情报价
marketTime	string <date-time> 行情时间
marketValue	number <double> 市值
marketValueInBaseCurrency	number <double> 基础货币市值
profitLoss	

		持仓盈亏
profitLossInBaseCurrency	number <double>	基础货币持仓盈亏
status	string Enum: "Open" "Closed" "Closing" "Locked" "PartiallyClosed" "RelatedClose" "Square" "UNRECOGNIZED"	持仓状态
stockSymbol >	object (StockSymbolModel)	股票标的信息摘要
]		
message	string	错误消息
time	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	string
required	股票 ID

HEADER PARAMETERS

|

Account required	string AccountKey
Authorization required	string 访问令牌

Responses

✓ 200 OK

RESPONSE SCHEMA: */*

code	integer <int32> 错误码
data ▾	object (PositionModel) 持仓

amount	number <double> 数量
averageOpenPrice	number <double> 平均成交价
conversionRate	number <double> 汇率
executionTimeLast	string <date-time> 最后成交时间
executionTimeOpen	string <date-time> 开仓时间
marketOpen	boolean 是否开市
marketPrice	number <double> 行情报价
marketTime	string <date-time> 行情时间
marketTime	number <double> 市值
marketValue	

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: "Closed" "Closing" "Locked" "Open" "PartiallyClosed" "RelatedClose" "Square" "UNRECOGNIZED" 持仓状态
stockSymbol	object (StockSymbolModel) 股票标的信息摘要
message	string 错误消息
time	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
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offset	integer <int32> 偏移量
size	integer <int32> 分页大小
sortKey	string Enum: "Default""MarketValue""ProfitLoss" 排序字段
sortSide	string Enum: "ASC""DESC" 排序方向
symbol	string 股票 ID

HEADER
PARAMETERS

Account required	string AccountKey
Authorization required	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	string 错误消息
time	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	string	访问令牌
createdAt	string <date-time>	创建时间
expiresIn	integer <int32>	访问令牌过期时间
refreshToken	string	刷新令牌
refreshTokenExpiresIn	integer <int32>	刷新令牌过期时间
tokenType	string	令牌类型

— 201 Created

— 401 Unauthorized

— 403 Forbidden

— 404 Not Found

/refresh/{refreshToken}

PUT



授权验证

QUERY PARAMETERS

code	string
required	code

state
required

string
state

Responses

✓ 200 OK

RESPONSE SCHEMA: */*

empty boolean

model object

modelMap[▼] object

→ property name* object

reference boolean

status string

Enum: "ACCEPTED" "ALREADY_REPORTED" "BAD_GATEWAY"
"BAD_REQUEST" "BANDWIDTH_LIMIT_EXCEEDED" "CHECKPOINT"
"CONFLICT" "CONTINUE" "CREATED" "DESTINATION_LOCKED"
"EXPECTATION_FAILED" "FAILED_DEPENDENCY" "FORBIDDEN"
"FOUND" "GATEWAY_TIMEOUT" "GONE"
"HTTP_VERSION_NOT_SUPPORTED" "IM_USED"
"INSUFFICIENT_SPACE_ON_RESOURCE" "INSUFFICIENT_STORAGE"
"INTERNAL_SERVER_ERROR" "I_AM_A_TEAPOT"
"LENGTH_REQUIRED" "LOCKED" "LOOP_DETECTED"
"METHOD_FAILURE" "METHOD_NOT_ALLOWED"
"MOVED_PERMANENTLY" "MOVED_TEMPORARILY"
"MULTIPLE_CHOICES" "MULTI_STATUS"
"NETWORK_AUTHENTICATION_REQUIRED"
"NON_AUTHORITATIVE_INFORMATION" "NOT_ACCEPTABLE"
"NOT_EXTENDED" "NOT_FOUND" "NOT_IMPLEMENTED"
"NOT_MODIFIED" "NO_CONTENT" "OK" "PARTIAL_CONTENT"
"PAYLOAD_TOO_LARGE" "PAYMENT_REQUIRED"
"PERMANENT_REDIRECT" "PRECONDITION_FAILED"
"PRECONDITION_REQUIRED" "PROCESSING"
"PROXY_AUTHENTICATION_REQUIRED"
"REQUESTED_RANGE_NOT_SATISFIABLE"
"REQUEST_ENTITY_TOO_LARGE"

"REQUEST_HEADER_FIELDS_TOO_LARGE"	"REQUEST_TIMEOUT"	
"REQUEST_URI_TOO_LONG"	"RESET_CONTENT"	"SEE_OTHER"
"SERVICE_UNAVAILABLE"	"SWITCHING_PROTOCOLS"	
"TEMPORARY_REDIRECT"	"TOO_EARLY"	"TOO_MANY_REQUESTS"
"UNAUTHORIZED"	"UNAVAILABLE_FOR_LEGAL_REASONS"	
"UNPROCESSABLE_ENTITY"	"UNSUPPORTED_MEDIA_TYPE"	
"UPGRADE_REQUIRED"	"URI_TOO_LONG"	"USE_PROXY"
"VARIANT_ALSO_NEGOTIATES"		

view object (View)

contentType	string
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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	string <date> 开始时间
lastLogId	string 分页 ID
orderId	string 订单号
size	integer <int32> 分页大小
statusFilter	string Enum: "Cancelled""Failed""Filled""Invalid" 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	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	number <double> 成交均价
duration	object (ApiOrderDuration)
executionPrice	number <double> 成交价
fillAmount	number <double> 当前成交数量
filledAmount	number <double> 总成交数量
logId	string 日志 ID
orderId	string 订单 ID
orderType	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" "UNRECOGNIZED" 订单方向
status	string Enum: "Cancelled" "Changed" "DoneForDay" "Expired" "Fill" "FinalFill" "Placed" "UNRECOGNIZED" "Working" 订单状态
subStatus	string Enum: "Confirmed" "Rejected" "Requested" "RouteRequestPending" "UNRECOGNIZED"

订单子状态	
symbol >	object (StockSymbolModel) 股票标的信息摘要
]	
message	string 错误消息
time	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	string 地区代码
orderId	string 订单号
statusFilter	string Enum: "Invalid" <input type="text"/> 状态筛选

HEADER PARAMETERS

Account required	string accountKey 用户标识
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Authorization
required

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	number <double> 成交均价
duration	object (ApiOrderDuration)
executionPrice	number <double> 成交价
fillAmount	number <double> 当前成交数量
filledAmount	number <double> 总成交数量
logId	string 日志 ID
orderId	string 订单 ID
orderType	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" "UNRECOGNIZED" 订单方向
status	string Enum: "Fill" "Cancelled" "Changed" "DoneForDay" "Expired" "Working" 订单状态 "FinalFill" "Placed" "UNRECOGNIZED"
subStatus	string Enum: "Confirmed" "Rejected" "RouteRequestPending" "Requested" 订单子状态 "RouteRequested" "UNRECOGNIZED"
symbol >	object (StockSymbolModel) 股票标的信息摘要
]	
message	string 错误消息
time	string <date-time> 当前时间

— 401 Unauthorized

— 403 Forbidden

— 404 Not Found

撤单

HEADER PARAMETERS

Account required	string accountKey 用户标识
Authorization required	string Bearer Token

REQUEST BODY SCHEMA: application/json

orderIds required	Array of strings 订单 ID
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Responses

✓ 200 OK

RESPONSE SCHEMA: */*

code	integer <int32> 错误码
data ▼	Array of objects (OrderIdModel) 结果
<div>Array () [<div>errorInfo > object (ApiResponseBase)<div>orderIdstring 订单号<div>referenceIdstring 显示订单号</div></div></div>]</div>	

message	string 错误消息
time	string <date-time> 当前时间

— 204 No Content

— 401 Unauthorized

— 403 Forbidden

/orders/cancel

DELETE



Request samples

Payload

Content type
application/json

CopyExpand allCollapse all
{ ... }

未成订单查询

QUERY PARAMETERS

countryCode	string 地区代码
offset	integer <int32> 分页偏移量
orderId	string 订单号

size	integer <int32> 分页大小
HEADER PARAMETERS	
Account required	string accountKey 用户标识
Authorization required	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 "Limit" "Market" "UNRECOGNIZED"
price	number <double> 订单报价
side	string Enum: "Buy" "Sell" "UNRECOGNIZED" 订单方向
status	string Enum: "CancelPending" "ChangePending" "Filled" "NotWorking" "Parked" "PlacementPending" "UNRECOGNIZED" "Unknown" "Working" 订单状态
symbol >	object (StockSymbolModel) 股票标的信息摘要
]	
message	string 错误消息
time	string <date-time> 当前时间

- 401 Unauthorized
- 403 Forbidden
- 404 Not Found

/orders/openorders

GET



下单

HEADER PARAMETERS

Account required	string accountKey 用户标识
Authorization required	string Bearer Token

REQUEST BODY SCHEMA: application/json

amount required	number <double> 数量
amountType	string Enum: "Quantity" "UNRECOGNIZED" <input type="text"/> 订单数量类型
orderPrice	number <double> 报价
orderType required	string Enum: "Limit" "Market" "UNRECOGNIZED" 订单类型(Market=市价,Limit=限价)
side required	string Enum: "Buy" "Sell" "UNRECOGNIZED" 订单方向
symbol required	string 交易代码

Responses

✓ 200 OK

RESPONSE SCHEMA: */*

code	integer <int32> 错误码
data	object (OrderIdModel)
errorInfo	object (ApiResponseBase)
orderId	string 订单号
referenceId	string 显示订单号
message	string 错误消息
time	string <date-time> 当前时间

— 201 Created

— 401 Unauthorized

— 403 Forbidden

— 404 Not Found

/orders/POST

Request samples

Payload

Content type

application/json

CopyExpand allCollapse all
{ ... }

下单检查

HEADER PARAMETERS

Account required	string accountKey 用户标识
Authorization required	string Bearer Token

REQUEST BODY SCHEMA: application/json

amount required	number <double> 数量
amountType	string Enum: "Cash" "Quantity" "UNRECOGNIZED"
orderPrice	number <double> 报价
orderType required	string Enum: "Limit" "Market" "UNRECOGNIZED" 订单类型(Market=市价,Limit=限价)
side required	string Enum: "Buy" "Sell" "UNRECOGNIZED" 订单方向
symbol required	string 交易代码

Responses

✓ 200 OK

RESPONSE SCHEMA: */*

|

code	integer <int32> 错误码
data	object (OrderPreCheckModel) <div><div><div>cost ></div><div>costInAccountCurrency ></div><div>estimatedCashRequired</div><div>estimatedCashRequiredCurrency</div><div>estimatedTotalCost</div><div>estimatedTotalCostInAccountCurrency</div></div><div>object (CostData)</div><div>object (CostData)</div><div>number <double> 预估所需现金</div><div>string 币种</div><div>number <double> 预估总花费</div><div>number <double> 基础货币结算预估总花费</div></div>
message	string 错误消息
time	string <date-time> 当前时间

— 201 Created

— 401 Unauthorized

— 403 Forbidden

— 404 Not Found

POST /orders/precheck

Request samples

Payload

Content type

application/json

CopyExpand allCollapse all

{ ... }