

Name	Type	Required	Restrictions	Description
coin	string	false	none	none
completedTime	string(date-time)	false	none	none
expectedAmount	number	false	none	none
feeAmount	number	false	none	none
feeDeducted	boolean	false	none	none
feeFreezeStatus	integer(int32)	false	none	none
feeRatio	number	false	none	none
feeShowed	boolean	false	none	none
feeUnit	string	false	none	none
heightWarn	integer(int32)	false	none	none
insertTime	string(date-time)	false	none	none
isCoinOnline	boolean	false	none	none
manualReviewTime	string(date-time)	false	none	none
materialUploadTime	string(date-time)	false	none	none
materials	[DepositNotCreditMaterialVo]	false	none	none
needDays	integer(int32)	false	none	none
network	string	false	none	none
noEnoughBalance	boolean	false	none	none
platformName	string	false	none	none
reason	string	false	none	none
reasonKey	string	false	none	none
refundAddress	string	false	none	none
refundAddressTag	string	false	none	none
refundAmount	number	false	none	none
refundCoin	string	false	none	none
remark	string	false	none	none
requestId	string	false	none	none
requestType	integer(int32)	false	none	none
selfReturnStatus	integer(int32)	false	none	none
sourceAddress	string	false	none	none
status	integer(int32)	false	none	none
supplementTypes	[string]	false	none	none
transactionId	string	false	none	none
txId	string	false	none	none
type	integer(int32)	false	none	none
updateTime	string(date-time)	false	none	none
userId	integer(int64)	false	none	none
workOrder	string	false	none	none

DepositInquiryTxIdResp

```
{
  "actualNetwork": "string",
  "amount": 0,
  "coin": "string",
  "dateTime": 0,
  "network": "string",
  "requestId": "string",
  "requestType": 0,
  "result": 0,
```

```
"status": 0
}
```

DepositInquiryTxIdResp

42.162. Properties

Name	Type	Required	Restrictions	Description
actualNetwork	string	false	none	网络代码
amount	number	false	none	币量
coin	string	false	none	币种
dateTime	integer(int64)	false	none	相关时间
network	string	false	none	网络显示名称
requestId	string	false	none	关联的已提交申请单id
requestType	integer(int32)	false	none	1标签币找回, 2充值未到账找回
result	integer(int32)	false	none	0=未覆盖场景; 1=txId 错误; 2=已经充值记录中; 3=已经在申请找回中; 4=充值掉单, 5=是提现 txId
status	integer(int32)	false	none	每种result有相应status对应

DepositNotCreditMaterialVo

```
{
  "id": 0,
  "insertTime": "2019-08-24T14:15:22Z",
  "materialKey": "string",
  "name": "string",
  "requestId": "string"
}
```

DepositNotCreditMaterialVo

42.163. Properties

Name	Type	Required	Restrictions	Description
id	integer(int64)	false	none	none
insertTime	string(date-time)	false	none	none
materialKey	string	false	none	none
name	string	false	none	none
requestId	string	false	none	none

DepositNotCreditUserVo

```
{
  "address": "string",
  "amount": 0,
  "coin": "string",
  "comment": "string",
  "feeAmount": 0,
  "feeDeducted": true,
  "feeFreezeStatus": 0,
  "feeRatio": 0,
  "feeShowed": true,
  "feeUnit": "string",
  "heightWarn": 0,
  "insertTime": "2019-08-24T14:15:22Z",
  "isCoinOnline": true,
  "matchedCount": 0,
  "matchedDeposit": {
    "amount": "string",
    "coin": "string",
    "id": "string",
    "network": "string",

```

```
    "targetAddress": "string",
    "txId": "string"
  },
  "materials": [
    {
      "id": 0,
      "insertTime": "2019-08-24T14:15:22Z",
      "materialKey": "string",
      "name": "string",
      "requestId": "string"
    }
  ],
  "network": "string",
  "noEnoughBalance": true,
  "reason": "string",
  "refundAddress": "string",
  "refundAddressTag": "string",
  "refundAmount": 0,
  "refundCoin": "string",
  "requestId": "string",
  "status": 0,
  "supplementTypes": [
    "string"
  ],
  "transactionId": "string",
  "txId": "string",
  "type": 0,
  "unlistedCoinReturn": true,
  "updateTime": "2019-08-24T14:15:22Z",
  "workOrder": "string"
}
```

DepositNotCreditUserVo

42.164. Properties

Name	Type	Required	Restrictions	Description
address	string	false	none	none
amount	number	false	none	none
coin	string	false	none	none
comment	string	false	none	none
feeAmount	number	false	none	none
feeDeducted	boolean	false	none	手续费是否已扣除
feeFreezeStatus	integer(int32)	false	none	手续费冻结状态: 默认0-未冻结, 1-尝试冻结, 2-success, 3-failed
feeRatio	number	false	none	手续费比例
feeShowed	boolean	false	none	手续费是否已披露
feeUnit	string	false	none	none
heightWarn	integer(int32)	false	none	none
insertTime	string(date-time)	false	none	none
isCoinOnline	boolean	false	none	none
matchedCount	integer(int32)	false	none	none
matchedDeposit	MatchedDeposit	false	none	none
materials	[DepositNotCreditMaterialVo]	false	none	none
network	string	false	none	none
noEnoughBalance	boolean	false	none	余额是否小于0.001BTC
reason	string	false	none	none
refundAddress	string	false	none	none
refundAddressTag	string	false	none	none
refundAmount	number	false	none	none
refundCoin	string	false	none	none

Name	Type	Required	Restrictions	Description
requestId	string	false	none	none
status	integer(int32)	false	none	none
supplementTypes	[string]	false	none	资料补充类型, 1 补充退款地址, 2 补视频
transactionId	string	false	none	none
txId	string	false	none	none
type	integer(int32)	false	none	none
unlistedCoinReturn	boolean	false	none	none
updateTime	string(date-time)	false	none	none
workOrder	string	false	none	none

Detail

```
{
  "apr": 0,
  "asset": "string",
  "canPurchase": true,
  "duration": 0,
  "extraRewardAPR": 0,
  "extraRewardAsset": "string",
  "isSoldOut": true,
  "renewable": true,
  "rewardAsset": "string",
  "status": "string",
  "subscriptionStartTime": 0
}
```

Detail

42.165. Properties

Name	Type	Required	Restrictions	Description
apr	number	false	none	none
asset	string	false	none	none
canPurchase	boolean	false	none	none
duration	integer(int32)	false	none	none
extraRewardAPR	number	false	none	none
extraRewardAsset	string	false	none	none
isSoldOut	boolean	false	none	none
renewable	boolean	false	none	none
rewardAsset	string	false	none	none
status	string	false	none	none
subscriptionStartTime	integer(int64)	false	none	none

Detail0

```
{
  "apr": 0,
  "autoCompoundPlanList": [
    "string"
  ],
  "canPurchase": true,
  "createTimestamp": 0,
  "duration": 0,
  "exercisedCoin": "string",
  "id": "string",
  "investCoin": "string",
  "isAutoCompoundEnable": true,
  "maxAmount": 0,
  "minAmount": 0,
}
```

```
"optionType": "string",
"orderId": 0,
"purchaseDecimal": 0,
"purchaseEndTime": 0,
"settleDate": 0,
"strikePrice": 0
}
```

Detail0

42.166. Properties

Name	Type	Required	Restrictions	Description
apr	number	false	none	apr
autoCompoundPlanList	[string]	false	none	autoCompoundPlanList
canPurchase	boolean	false	none	canPurchase
createTimestamp	integer(int64)	false	none	createTimestamp
duration	integer(int32)	false	none	duration
exercisedCoin	string	false	none	target asset
id	string	false	none	id
investCoin	string	false	none	invest asset
isAutoCompoundEnable	boolean	false	none	isAutoCompoundEnable
maxAmount	number	false	none	maxAmount
minAmount	number	false	none	minAmount
optionType	string	false	none	optionType
orderId	integer(int64)	false	none	orderId
purchaseDecimal	integer(int32)	false	none	purchaseDecimal
purchaseEndTime	integer(int64)	false	none	purchaseEndTime
settleDate	integer(int64)	false	none	settle date
strikePrice	number	false	none	strikePrice

DigitalCurrencyVo

```
{
  "asset": "string",
  "createTime": "2019-08-24T14:15:22Z",
  "decimalScale": 0,
  "iconUrl": "string",
  "isEnabled": 0,
  "isTransVisible": 0,
  "name": "string",
  "ranking": 0,
  "updateTime": "2019-08-24T14:15:22Z"
}
```

DigitalCurrencyVo

42.167. Properties

Name	Type	Required	Restrictions	Description
asset	string	false	none	数字货币简写，如： BTC, BNB
createTime	string(date-time)	false	none	创建时间
decimalScale	integer(int32)	false	none	小数精度数
iconUrl	string	false	none	数字货币图标链接
isEnabled	integer(int32)	false	none	是否有效，1有效，0无效
isTransVisible	integer(int32)	false	none	交易可见，1可见，0不可见

Name	Type	Required	Restrictions	Description
name	string	false	none	数字货币名称
ranking	integer(int32)	false	none	排名
updateTime	string(date-time)	false	none	修改时间

DotAccount

```
{
  "totalAmountInBTC": 0,
  "totalAmountInUSDT": 0
}
```

DotAccount

42.168. Properties

Name	Type	Required	Restrictions	Description
totalAmountInBTC	number	false	none	none
totalAmountInUSDT	number	false	none	none

EmptyResult

```
{}
```

EmptyResult

42.169. Properties

None

EnableSubUserEOptionsResp

```
{
  "email": "string",
  "isEOptionsEnabled": true
}
```

EnableSubUserEOptionsResp

42.170. Properties

Name	Type	Required	Restrictions	Description
email	string	false	none	子账户邮箱
isEOptionsEnabled	boolean	false	none	是否启用EOptions

EnableSubUserLVTResp

```
{
  "email": "string",
  "enableBlvt": true
}
```

EnableSubUserLVTResp

42.171. Properties

Name	Type	Required	Restrictions	Description
email	string	false	none	none

Name	Type	Required	Restrictions	Description
enableBlvt	boolean	false	none	none

EnableUniversalTransferResp

```
{
  "apiKey": "string",
  "canUniversalTransfer": true,
  "subAccount": "string"
}
```

EnableUniversalTransferResp

42.172. Properties

Name	Type	Required	Restrictions	Description
apiKey	string	false	none	none
canUniversalTransfer	boolean	false	none	none
subAccount	string	false	none	none

EnableVanillaOptionsResp

```
{
  "apiKey": "string",
  "canVanillaOptions": true,
  "subAccount": "string"
}
```

EnableVanillaOptionsResp

42.173. Properties

Name	Type	Required	Restrictions	Description
apiKey	string	false	none	none
canVanillaOptions	boolean	false	none	none
subAccount	string	false	none	none

EstimateAsset

```
{
  "amount": 0,
  "asset": "string"
}
```

EstimateAsset

42.174. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	Amount
asset	string	false	none	Asset

Eth2Account

```
{
  "cumulativeProfitInBETH": 0,
  "lastDayProfitInBETH": 0
}
```

Eth2Account

42.175. Properties

Name	Type	Required	Restrictions	Description
cumulativeProfitInBETH	number	false	none	none
lastDayProfitInBETH	number	false	none	none

EthHoldingDetail

```
{
  "bethAmount": 0,
  "wbethAmount": 0
}
```

EthHoldingDetail

42.176. Properties

Name	Type	Required	Restrictions	Description
bethAmount	number	false	none	none
wbethAmount	number	false	none	none

EthProfitDetail

```
{
  "amountFromBETH": 0,
  "amountFromWBETH": 0
}
```

EthProfitDetail

42.177. Properties

Name	Type	Required	Restrictions	Description
amountFromBETH	number	false	none	none
amountFromWBETH	number	false	none	none

ExchangeSmallLiabilityHistoryDto

```
{
  "amount": 0,
  "asset": "string",
  "bizType": "string",
  "targetAmount": 0,
  "targetAsset": "string",
  "timestamp": 0
}
```

ExchangeSmallLiabilityHistoryDto

42.178. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	none
asset	string	false	none	none
bizType	string	false	none	none
targetAmount	number	false	none	none
targetAsset	string	false	none	none

Name	Type	Required	Restrictions	Description
timestamp	integer(int64)	false	none	none

ExchangeSmallLiabilityResp

```
{
  "asset": "string",
  "interest": 0,
  "liabilityAsset": "string",
  "liabilityQty": 0,
  "principal": 0
}
```

ExchangeSmallLiabilityResp

42.179. Properties

Name	Type	Required	Restrictions	Description
asset	string	false	none	none
interest	number	false	none	none
liabilityAsset	string	false	none	none
liabilityQty	number	false	none	none
principal	number	false	none	none

ExecutionResultResp

```
{
  "clientOrderId": "string",
  "orderId": 0,
  "price": 0,
  "qty": 0,
  "side": "BUY",
  "symbol": "string"
}
```

ExecutionResultResp

42.180. Properties

Name	Type	Required	Restrictions	Description
clientOrderId	string	false	none	none
orderId	integer(int64)	false	none	none
price	number	false	none	none
qty	number	false	none	none
side	string	false	none	none
symbol	string	false	none	none

42.180.1. Enumerated Values

Property	Value
side	BUY
side	SELL

ExpireAddressResponse

```
{
  "expiredCount": 0
}
```

ExpireAddressResponse

42.181. Properties

Name	Type	Required	Restrictions	Description
expiredCount	integer(int32)	false	none	none

FastWithdrawSwitchResp

```
{
  "status": true
}
```

FastWithdrawSwitchResp

42.182. Properties

Name	Type	Required	Restrictions	Description
status	boolean	false	none	none

FetchImageUploadUrlArg

```
{
  "imageName": "string"
}
```

FetchImageUploadUrlArg

42.183. Properties

Name	Type	Required	Restrictions	Description
imageName	string	false	none	image file name include postfix, expired in 5min support types: jpg,jpeg,png

FetchImageUploadUrlRet

```
{
  "imageUrl": "string",
  "uploadUrl": "string"
}
```

FetchImageUploadUrlRet

42.184. Properties

Name	Type	Required	Restrictions	Description
imageUrl	string	false	none	image url
uploadUrl	string	false	none	upload image url

FiatChannelProductSelector

```
{
  "assetCode": "string",
  "assetName": "string",
  "dailyMaxLimit": 0,
  "exchangeRate": "string",
  "expireTime": 0,
  "forceToOthers": true,
  "hot": true,
  "isAlreadyBuy": 0,
  "langSorts": [
    "string"
  ],
}
```

```
"logoUrl": "string",
"order": 0,
"perTimeMaxLimit": 0,
"perTimeMinLimit": 0,
"showRemark": true,
"size": "string",
"stable": true,
"subSelector": [
  {
    "assetCode": "string",
    "assetName": "string",
    "dailyMaxLimit": 0,
    "exchangeRate": "string",
    "expireTime": 0,
    "forceToOthers": true,
    "hot": true,
    "isAlreadyBuy": 0,
    "langSorts": [
      "string"
    ],
    "logoUrl": "string",
    "order": 0,
    "perTimeMaxLimit": 0,
    "perTimeMinLimit": 0,
    "showRemark": true,
    "size": "string",
    "stable": true,
    "subSelector": [
      {
        "assetCode": "string",
        "assetName": "string",
        "dailyMaxLimit": 0,
        "exchangeRate": "string",
        "expireTime": 0,
        "forceToOthers": true,
        "hot": true,
        "isAlreadyBuy": 0,
        "langSorts": [
          "string"
        ],
        "logoUrl": "string",
        "order": 0,
        "perTimeMaxLimit": 0,
        "perTimeMinLimit": 0,
        "showRemark": true,
        "size": "string",
        "stable": true,
        "subSelector": [
          {}
        ]
      }
    ]
  }
]
}
```

FiatChannelProductSelector

42.185. Properties

Name	Type	Required	Restrictions	Description
assetCode	string	false	none	数字货币种
assetName	string	false	none	币种name
dailyMaxLimit	number	false	none	单日最大限额
exchangeRate	string	false	none	换算汇率
expireTime	integer(int32)	false	none	报价过期时间
forceToOthers	boolean	false	none	none
hot	boolean	false	none	none
isAlreadyBuy	integer(int32)	false	none	用户是否已经购买 0-未购买 1-已购买
langSorts	[string]	false	none	语言排序，优先级高于sortOrder
logoUrl	string	false	none	logo

Name	Type	Required	Restrictions	Description
order	integer(int32)	false	none	选择项排序，数值越小越优先
perTimeMaxLimit	number	false	none	币种的最大上限
perTimeMinLimit	number	false	none	币种的最小限额
showRemark	boolean	false	none	是否显示描述文案
size	string	false	none	步长
stable	boolean	false	none	none
subSelector	[FiatChannelProductSelector]	false	none	子选择器

FiatDepositLogVo

```
{
  "amount": 0,
  "asset": "string",
  "brokerSubAccountId": "string",
  "clientDepositId": "string",
  "createTime": 0,
  "depositId": 0,
  "status": "string",
  "updateTime": 0
}
```

FiatDepositLogVo

42.186. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	none
asset	string	false	none	none
brokerSubAccountId	string	false	none	none
clientDepositId	string	false	none	none
createTime	integer(int64)	false	none	none
depositId	integer(int64)	false	none	none
status	string	false	none	none
updateTime	integer(int64)	false	none	none

FiatDepositResponse

```
{
  "clientDepositId": "string",
  "depositId": 0,
  "status": "string"
}
```

FiatDepositResponse

42.187. Properties

Name	Type	Required	Restrictions	Description
clientDepositId	string	false	none	none
depositId	integer(int64)	false	none	none
status	string	false	none	none

FiatUserDetailResp

```
{
  "bindMobileStatus": "BIND",
  "businessStatus": 0,

```

```
"countryCode": "string",
"existsNickname": true,
"fiatProtocolConfirm": true,
"isSubUser": true,
"isUserGoogle": true,
"isUserMobile": true,
"kycFullName": "string",
"kycPassed": true,
"kycType": 0,
"nickname": "string",
"overComplained": 0,
"registerDays": 0,
"userKycStatus": "NOTVERIFIED"
}
```

FiatUserDetailResp

42.188. Properties

Name	Type	Required	Restrictions	Description
bindMobileStatus	string	false	none	If user has bind mobile number (BIND, UNBIND)
businessStatus	integer(int32)	false	none	P2P Business status: (1:Open, 2: Closed, 3: Take break)
countryCode	string	false	none	KYC country code
existsNickname	boolean	false	none	If user set nickname
fiatProtocolConfirm	boolean	false	none	If user has signed the agreement
isSubUser	boolean	false	none	If user is sub-account
isUserGoogle	boolean	false	none	If user has enabled Google 2FA
isUserMobile	boolean	false	none	If user passes mobile verification
kycFullName	string	false	none	Kyc full name
kycPassed	boolean	false	none	If user has passed KYC verification
kycType	integer(int32)	false	none	KYC verification type, (1: Individual, 2: Cooperate)
nickname	string	false	none	Nickname
overComplained	integer(int32)	false	none	Exceed number of complaints. 1:Yes, 0:No
registerDays	integer(int32)	false	none	User registration days
userKycStatus	string	false	none	Kyc status (1: PASSED)

42.188.1. Enumerated Values

Property	Value
bindMobileStatus	BIND
bindMobileStatus	BIND_CHINA
bindMobileStatus	UNBIND
userKycStatus	NOTVERIFIED
userKycStatus	PASS
userKycStatus	PENDING
userKycStatus	REFUSE
userKycStatus	UNKNOWN

FiatWithdrawLogVo

```
{
  "amount": 0,
  "asset": "string",
  "brokerSubAccountId": "string",
  "clientWithdrawId": "string",
  "commission": 0,
  "commissionSubAccountId": "string",
  "createTime": 0,
  "status": "string",
}
```

```
"updateTime": 0,
"withdrawId": 0
}
```

FiatWithdrawLogVo

42.189. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	none
asset	string	false	none	none
brokerSubAccountId	string	false	none	none
clientWithdrawId	string	false	none	none
commission	number	false	none	none
commissionSubAccountId	string	false	none	none
createTime	integer(int64)	false	none	none
status	string	false	none	none
updateTime	integer(int64)	false	none	none
withdrawId	integer(int64)	false	none	none

FiatWithdrawResponse

```
{
  "clientWithdrawId": "string",
  "status": "string",
  "withdrawId": 0
}
```

FiatWithdrawResponse

42.190. Properties

Name	Type	Required	Restrictions	Description
clientWithdrawId	string	false	none	none
status	string	false	none	none
withdrawId	integer(int64)	false	none	none

FixedPositionChangeResp

```
{
  "clientPurchaseId": "string",
  "dailyPurchaseId": 0,
  "success": true,
  "timestamp": 0
}
```

FixedPositionChangeResp

42.191. Properties

Name	Type	Required	Restrictions	Description
clientPurchaseId	string	false	none	none
dailyPurchaseId	integer(int64)	false	none	none
success	boolean	false	none	none
timestamp	integer(int64)	false	none	none

FlexCollateralAssetsDataForSapiResp

```
{
  "collateralCoin": "string",
  "initialLTV": 0,
  "liquidationLTV": 0,
  "marginCallLTV": 0,
  "maxLimit": 0
}
```

FlexCollateralAssetsDataForSapiResp

42.192. Properties

Name	Type	Required	Restrictions	Description
collateralCoin	string	false	none	none
initialLTV	number	false	none	none
liquidationLTV	number	false	none	none
marginCallLTV	number	false	none	none
maxLimit	number	false	none	none

FlexIsoAdjustCollateralHistoryResp

```
{
  "adjustTime": 0,
  "afterLTV": 0,
  "collateralAmount": 0,
  "collateralCoin": "string",
  "direction": "string",
  "loanCoin": "string",
  "preLTV": 0
}
```

FlexIsoAdjustCollateralHistoryResp

42.193. Properties

Name	Type	Required	Restrictions	Description
adjustTime	integer(int64)	false	none	none
afterLTV	number	false	none	none
collateralAmount	number	false	none	none
collateralCoin	string	false	none	none
direction	string	false	none	none
loanCoin	string	false	none	none
preLTV	number	false	none	none

FlexIsoAdjustCollateralResp

```
{
  "amount": 0,
  "collateralCoin": "string",
  "currentLTV": 0,
  "direction": "string",
  "loanCoin": "string",
  "status": "string"
}
```

FlexIsoAdjustCollateralResp

42.194. Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
amount	number	false	none	none
collateralCoin	string	false	none	none
currentLTV	number	false	none	none
direction	string	false	none	none
loanCoin	string	false	none	none
status	string	false	none	none

FlexIsoBorrowHistoryResp

```
{
  "borrowTime": 0,
  "collateralCoin": "string",
  "initialCollateralAmount": 0,
  "initialLoanAmount": 0,
  "loanCoin": "string",
  "status": "string"
}
```

FlexIsoBorrowHistoryResp

42.195. Properties

Name	Type	Required	Restrictions	Description
borrowTime	integer(int64)	false	none	borrow time
collateralCoin	string	false	none	collateral coin
initialCollateralAmount	number	false	none	initial collateral amount
initialLoanAmount	number	false	none	initial loan amount
loanCoin	string	false	none	loan coin
status	string	false	none	status

FlexIsoBorrowResp

```
{
  "collateralAmount": 0,
  "collateralCoin": "string",
  "loanAmount": 0,
  "loanCoin": "string",
  "status": "string"
}
```

FlexIsoBorrowResp

42.196. Properties

Name	Type	Required	Restrictions	Description
collateralAmount	number	false	none	none
collateralCoin	string	false	none	none
loanAmount	number	false	none	none
loanCoin	string	false	none	none
status	string	false	none	none

FlexIsoCollateralAssetsDataForSapiResp

```
{
  "collateralCoin": "string",
  "initialLTV": 0,
  "liquidationLTV": 0,
}
```



```
"marginCallLTV": 0,
"maxLimit": 0
}
```

FlexIsoCollateralAssetsDataForSapiResp

42.197. Properties

Name	Type	Required	Restrictions	Description
collateralCoin	string	false	none	none
initialLTV	number	false	none	none
liquidationLTV	number	false	none	none
marginCallLTV	number	false	none	none
maxLimit	number	false	none	none

FlexIsoLoanableAssetsDataForSapiResp

```
{
  "flexibleInterestRate": 0,
  "flexibleMaxLimit": 0,
  "flexibleMinLimit": 0,
  "loanCoin": "string"
}
```

FlexIsoLoanableAssetsDataForSapiResp

42.198. Properties

Name	Type	Required	Restrictions	Description
flexibleInterestRate	number	false	none	none
flexibleMaxLimit	number	false	none	none
flexibleMinLimit	number	false	none	none
loanCoin	string	false	none	none

FlexIsoOngoingOrderResp

```
{
  "collateralAmount": 0,
  "collateralCoin": "string",
  "currentLTV": 0,
  "loanCoin": "string",
  "totalDebt": 0
}
```

FlexIsoOngoingOrderResp

42.199. Properties

Name	Type	Required	Restrictions	Description
collateralAmount	number	false	none	collateral Amount
collateralCoin	string	false	none	collateral coin
currentLTV	number	false	none	ltv
loanCoin	string	false	none	loan coin
totalDebt	number	false	none	total Debt

FlexIsoRepayHistoryResp

```
{
  "collateralCoin": "string",
```

```
"collateralReturn": 0,
"loanCoin": "string",
"repayAmount": 0,
"repayStatus": "string",
"repayTime": 0
}
```

FlexIsoRepayHistoryResp

42.200. Properties

Name	Type	Required	Restrictions	Description
collateralCoin	string	false	none	collateral coin
collateralReturn	number	false	none	collateral return
loanCoin	string	false	none	loan coin
repayAmount	number	false	none	repay amount
repayStatus	string	false	none	repay status
repayTime	integer(int64)	false	none	repay time

FlexIsoRepayResp

```
{
  "collateralCoin": "string",
  "currentLTV": 0,
  "fullRepayment": true,
  "loanCoin": "string",
  "remainingCollateral": 0,
  "remainingDebt": 0,
  "repayStatus": "string"
}
```

FlexIsoRepayResp

42.201. Properties

Name	Type	Required	Restrictions	Description
collateralCoin	string	false	none	none
currentLTV	number	false	none	none
fullRepayment	boolean	false	none	none
loanCoin	string	false	none	none
remainingCollateral	number	false	none	none
remainingDebt	number	false	none	none
repayStatus	string	false	none	none

FlexLineCreditAccountInfoResp

```
{
  "availableCreditLimit": 0,
  "eligibleSpotAsset": 0,
  "riskLevel": 0,
  "spotAsset": 0,
  "totalCreditLimit": 0,
  "totalUnpaidInterest": 0,
  "usedCreditLimit": 0,
  "vipLoan": 0
}
```

FlexLineCreditAccountInfoResp

42.202. Properties

Name	Type	Required	Restrictions	Description
availableCreditLimit	number	false	none	none
eligibleSpotAsset	number	false	none	none
riskLevel	number	false	none	none
spotAsset	number	false	none	none
totalCreditLimit	number	false	none	none
totalUnpaidInterest	number	false	none	none
usedCreditLimit	number	false	none	none
vipLoan	number	false	none	none

FlexLoanableAssetsDataForSapiResp

```
{
  "flexibleInterestRate": 0,
  "flexibleMaxLimit": 0,
  "flexibleMinLimit": 0,
  "loanCoin": "string"
}
```

FlexLoanableAssetsDataForSapiResp

42.203. Properties

Name	Type	Required	Restrictions	Description
flexibleInterestRate	number	false	none	none
flexibleMaxLimit	number	false	none	none
flexibleMinLimit	number	false	none	none
loanCoin	string	false	none	none

FlexibleProductResp

```
{
  "airDropPercentageRate": 0,
  "asset": "string",
  "canPurchase": true,
  "canRedeem": true,
  "hot": true,
  "isSoldOut": true,
  "latestAnnualPercentageRate": 0,
  "minPurchaseAmount": 0,
  "productId": "string",
  "status": "CREATED",
  "subscriptionStartTime": 0,
  "tierAnnualPercentageRate": {
    "property1": "string",
    "property2": "string"
  }
}
```

FlexibleProductResp

42.204. Properties

Name	Type	Required	Restrictions	Description
airDropPercentageRate	number	false	none	Airdrop APR
asset	string	false	none	asset
canPurchase	boolean	false	none	申购状态: 开启、关闭
canRedeem	boolean	false	none	赎回状态: 开启、关闭
hot	boolean	false	none	hot push

Name	Type	Required	Restrictions	Description
isSoldOut	boolean	false	none	sold out status
latestAnnualPercentageRate	number	false	none	market apr
minPurchaseAmount	number	false	none	最小申购额度
productId	string	false	none	product id
status	string	false	none	项目状态: 0新建、10预热中、20申购中、30结束
subscriptionStartTime	integer(int64)	false	none	subscription start time
tierAnnualPercentageRate	object	false	none	Bonus Tiered APR
» additionalProperties	string	false	none	none

42.204.1. Enumerated Values

Property	Value
status	CREATED
status	END
status	PREHEATING
status	PURCHASING

ForceOrderResp

```
{
  "avgPrice": 0,
  "executedQty": 0,
  "isIsolated": true,
  "orderId": 0,
  "price": 0,
  "qty": 0,
  "side": "BUY",
  "symbol": "string",
  "time": 0,
  "timeInForce": "FOK",
  "updatedAt": 0
}
```

ForceOrderResp

42.205. Properties

Name	Type	Required	Restrictions	Description
avgPrice	number	false	none	none
executedQty	number	false	none	none
isIsolated	boolean	false	none	none
orderId	integer(int64)	false	none	none
price	number	false	none	none
qty	number	false	none	none
side	string	false	none	none
symbol	string	false	none	none
time	integer(int64)	false	none	none
timeInForce	string	false	none	none
updatedAt	integer(int64)	false	none	none

42.205.1. Enumerated Values

Property	Value
side	BUY
side	SELL

Property	Value
timeInForce	FOK
timeInForce	GTC
timeInForce	IOC

FreezeAssetResp

```
{
  "errorCode": "string",
  "errorMessage": "string",
  "status": "string"
}
```

FreezeAssetResp

42.206. Properties

Name	Type	Required	Restrictions	Description
errorCode	string	false	none	失败错误码
errorMessage	string	false	none	失败错误描述
status	string	false	none	状态

FundFlowResp

```
{
  "amount": 0,
  "asset": "string",
  "timestamp": 0,
  "tranId": "string",
  "type": "string"
}
```

FundFlowResp

42.207. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	金额
asset	string	false	none	币种
timestamp	integer(int64)	false	none	时间戳
tranId	string	false	none	tranid
type	string	false	none	类型

FutureAccountSummaryInfoVoSapiVersion

```
{
  "asset": "string",
  "email": "string",
  "totalInitialMargin": "string",
  "totalMaintenanceMargin": "string",
  "totalMarginBalance": "string",
  "totalOpenOrderInitialMargin": "string",
  "totalPositionInitialMargin": "string",
  "totalUnrealizedProfit": "string",
  "totalWalletBalance": "string"
}
```

FutureAccountSummaryInfoVoSapiVersion

42.208. Properties

Name	Type	Required	Restrictions	Description
asset	string	false	none	none
email	string	false	none	none
totalInitialMargin	string	false	none	none
totalMaintenanceMargin	string	false	none	none
totalMarginBalance	string	false	none	none
totalOpenOrderInitialMargin	string	false	none	none
totalPositionInitialMargin	string	false	none	none
totalUnrealizedProfit	string	false	none	none
totalWalletBalance	string	false	none	none

FutureAssetRiskInfoVo

```
{
  "asset": "string",
  "initialMargin": "string",
  "maintenanceMargin": "string",
  "marginBalance": "string",
  "maxWithdrawAmount": "string",
  "openOrderInitialMargin": "string",
  "positionInitialMargin": "string",
  "unrealizedProfit": "string",
  "updateTime": 0,
  "walletBalance": "string"
}
```

FutureAssetRiskInfoVo

42.209. Properties

Name	Type	Required	Restrictions	Description
asset	string	false	none	none
initialMargin	string	false	none	none
maintenanceMargin	string	false	none	none
marginBalance	string	false	none	none
maxWithdrawAmount	string	false	none	none
openOrderInitialMargin	string	false	none	none
positionInitialMargin	string	false	none	none
unrealizedProfit	string	false	none	none
updateTime	integer(int64)	false	none	none
walletBalance	string	false	none	none

FuturePositionRiskVO

```
{
  "entryPrice": "string",
  "leverage": "string",
  "liquidationPrice": "string",
  "markPrice": "string",
  "maxNotional": "string",
  "positionAmount": "string",
  "symbol": "string",
  "unrealizedProfit": "string"
}
```

FuturePositionRiskVO

42.210. Properties

Name	Type	Required	Restrictions	Description
entryPrice	string	false	none	avg cost of that position
leverage	string	false	none	liquidation price
liquidationPrice	string	false	none	liquidation price
markPrice	string	false	none	mark price of that position
maxNotional	string	false	none	max notional value
positionAmount	string	false	none	position amount
symbol	string	false	none	symbol name
unrealizedProfit	string	false	none	unrealized pnl of that position

FutureTransferHistoryResp

```
{
  "amount": 0,
  "asset": "string",
  "clientTranId": "string",
  "status": "CONFIRMED",
  "timestamp": 0,
  "tranId": 0,
  "type": 0
}
```

FutureTransferHistoryResp

42.211. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	划转金额
asset	string	false	none	资产名称
clientTranId	string	false	none	业务唯一ID
status	string	false	none	状态
timestamp	integer(int64)	false	none	划转时间
tranId	integer(int64)	false	none	划转ID
type	integer(int32)	false	none	划转类型

42.211.1. Enumerated Values

Property	Value
status	CONFIRMED
status	FAILED
status	PENDING

FuturesDataDownloadLinkVo

```
{
  "day": "string",
  "url": "string"
}
```

FuturesDataDownloadLinkVo

42.212. Properties

Name	Type	Required	Restrictions	Description
day	string	false	none	none
url	string	false	none	none

FuturesHistDataDownloadLinkResp

```
{
  "expirationTime": 0,
  "link": "string"
}
```

FuturesHistDataDownloadLinkResp

42.213. Properties

Name	Type	Required	Restrictions	Description
expirationTime	integer(int64)	false	none	the link would expire after this timestamp
link	string	false	none	download link

FuturesHistDataIdResp

```
{
  "id": 0
}
```

FuturesHistDataIdResp

42.214. Properties

Name	Type	Required	Restrictions	Description
id	integer(int64)	false	none	downloadId

FuturesVipDownloadLinkResp

```
{
  "data": [
    {
      "day": "string",
      "url": "string"
    }
  ]
}
```

FuturesVipDownloadLinkResp

42.215. Properties

Name	Type	Required	Restrictions	Description
data	[FuturesDataDownloadLinkVo]	false	none	none

GenApiAgentDownloadUrlResp

```
{
  "code": 0,
  "msg": "string"
}
```

GenApiAgentDownloadUrlResp

42.216. Properties

Name	Type	Required	Restrictions	Description
code	integer(int32)	false	none	none
msg	string	false	none	none

GetAddressResp

```
{
  "address": "string",
  "coin": "string",
  "isDefault": 0,
  "networkSet": [
    "string"
  ],
  "tag": "string",
  "url": "string"
}
```

GetAddressResp

42.217. Properties

Name	Type	Required	Restrictions	Description
address	string	false	none	none
coin	string	false	none	none
isDefault	integer(int32)	false	none	是否默认地址,1为默认地址
networkSet	[string]	false	none	none
tag	string	false	none	none
url	string	false	none	none

GetAvailableAssetResp

```
{
  "assets": [
    "string"
  ]
}
```

GetAvailableAssetResp

42.218. Properties

Name	Type	Required	Restrictions	Description
assets	[string]	false	none	none

GetFiatChannelProductSelectorResponse

```
{
  "buySelector": [
    {
      "assetCode": "string",
      "assetName": "string",
      "dailyMaxLimit": 0,
      "exchangeRate": "string",
      "expireTime": 0,
      "forceToOthers": true,
      "hot": true,
      "isAlreadyBuy": 0,
      "langSorts": [
        "string"
      ],
      "logoUrl": "string",
      "order": 0,
      "perTimeMaxLimit": 0,
      "perTimeMinLimit": 0,
      "showRemark": true,
      "size": "string",
      "stable": true,
      "subSelector": [
        {
          "assetCode": "string",
```

```
        "assetName": "string",
        "dailyMaxLimit": 0,
        "exchangeRate": "string",
        "expireTime": 0,
        "forceToOthers": true,
        "hot": true,
        "isAlreadyBuy": 0,
        "langSorts": [
            "string"
        ],
        "logoUrl": "string",
        "order": 0,
        "perTimeMaxLimit": 0,
        "perTimeMinLimit": 0,
        "showRemark": true,
        "size": "string",
        "stable": true,
        "subSelector": [
            {}
        ]
    }
}
],
"sellSelector": [
    {
        "assetCode": "string",
        "assetName": "string",
        "dailyMaxLimit": 0,
        "exchangeRate": "string",
        "expireTime": 0,
        "forceToOthers": true,
        "hot": true,
        "isAlreadyBuy": 0,
        "langSorts": [
            "string"
        ],
        "logoUrl": "string",
        "order": 0,
        "perTimeMaxLimit": 0,
        "perTimeMinLimit": 0,
        "showRemark": true,
        "size": "string",
        "stable": true,
        "subSelector": [
            {
                "assetCode": "string",
                "assetName": "string",
                "dailyMaxLimit": 0,
                "exchangeRate": "string",
                "expireTime": 0,
                "forceToOthers": true,
                "hot": true,
                "isAlreadyBuy": 0,
                "langSorts": [
                    "string"
                ],
                "logoUrl": "string",
                "order": 0,
                "perTimeMaxLimit": 0,
                "perTimeMinLimit": 0,
                "showRemark": true,
                "size": "string",
                "stable": true,
                "subSelector": [
                    {}
                ]
            }
        ]
    }
]
}
```

GetFiatChannelProductSelectorResponse

42.219. Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
buySelector	[FiatChannelProductSelector]	false	none	购买下拉框
sellSelector	[FiatChannelProductSelector]	false	none	卖出下拉框

GetIfsApplyResp

```
{
  "details": [
    {
      "apr": 0,
      "asset": "string",
      "canPurchase": true,
      "duration": 0,
      "extraRewardAPR": 0,
      "extraRewardAsset": "string",
      "isSoldOut": true,
      "renewable": true,
      "rewardAsset": "string",
      "status": "string",
      "subscriptionStartTime": 0
    }
  ],
  "direction": "string",
  "execStatus": "string",
  "id": 0,
  "status": "string"
}
```

GetIfsApplyResp

42.220. Properties

Name	Type	Required	Restrictions	Description
details	[Detail]	false	none	none
direction	string	false	none	借/还
execStatus	string	false	none	划转状态
id	integer(int64)	false	none	none
status	string	false	none	审批状态

GetSubAccountTransferHistoryResp

```
{
  "msg": "string",
  "success": true,
  "transfers": [
    {
      "asset": "string",
      "from": "string",
      "qty": "string",
      "status": "string",
      "time": 0,
      "to": "string",
      "tranId": 0
    }
  ]
}
```

GetSubAccountTransferHistoryResp

42.221. Properties

Name	Type	Required	Restrictions	Description
msg	string	false	none	none
success	boolean	false	none	none
transfers	[GetSubUserTransferHistoryResponse]	false	none	[GetSubUserTransferHistoryResponse]

GetSubUserTransferHistoryResponse

```
{
  "asset": "string",
  "from": "string",
  "qty": "string",
  "status": "string",
  "time": 0,
  "to": "string",
  "tranId": 0
}
```

GetSubUserTransferHistoryResponse

42.222. Properties

Name	Type	Required	Restrictions	Description
asset	string	false	none	none
from	string	false	none	none
qty	string	false	none	none
status	string	false	none	none
time	integer(int64)	false	none	none
to	string	false	none	none
tranId	integer(int64)	false	none	none

GetSubUserTransferHistoryVersionForSubUserResponse

```
{
  "asset": "string",
  "counterParty": "string",
  "email": "string",
  "fromAccountType": "string",
  "qty": "string",
  "status": "string",
  "time": 0,
  "toAccountType": "string",
  "tranId": 0,
  "type": 0
}
```

GetSubUserTransferHistoryVersionForSubUserResponse

42.223. Properties

Name	Type	Required	Restrictions	Description
asset	string	false	none	none
counterParty	string	false	none	none
email	string	false	none	none
fromAccountType	string	false	none	none
qty	string	false	none	none
status	string	false	none	none
time	integer(int64)	false	none	none
toAccountType	string	false	none	none
tranId	integer(int64)	false	none	none
type	integer(int32)	false	none	none

GetSystemFundResp

```
{
  "details": [
    {
      "apr": 0,
      "asset": "string",
      "canPurchase": true,
      "duration": 0,
      "extraRewardAPR": 0,
      "extraRewardAsset": "string",
      "isSoldOut": true,
      "renewable": true,
      "rewardAsset": "string",
      "status": "string",
      "subscriptionStartTime": 0
    }
  ]
}
```

GetSystemFundResp

42.224. Properties

Name	Type	Required	Restrictions	Description
details	[Detail]	false	none	none

GetUniversalTransferHistoryResponse

```
{
  "result": [
    {
      "amount": 0,
      "asset": "string",
      "clientTranId": "string",
      "createTimeStamp": 0,
      "fromAccountType": "string",
      "fromEmail": "string",
      "status": "string",
      "toAccountType": "string",
      "toEmail": "string",
      "tranId": 0
    }
  ],
  "totalCount": 0
}
```

GetUniversalTransferHistoryResponse

42.225. Properties

Name	Type	Required	Restrictions	Description
result	[UniversalTransferHistoryInfoVo]	false	none	[UniversalTransferHistoryInfoVo]
totalCount	integer(int64)	false	none	none

InstrumentDefinitionResp

```
{
  "productId": 0,
  "symbol": "string"
}
```

InstrumentDefinitionResp

42.226. Properties

Name	Type	Required	Restrictions	Description
productId	integer(int64)	false	none	none

Name	Type	Required	Restrictions	Description
symbol	string	false	none	none

InterestHistoryResp

```
{
  "asset": "string",
  "interest": 0,
  "interestAccruedTime": 0,
  "interestRate": 0,
  "principal": 0
}
```

InterestHistoryResp

42.227. Properties

Name	Type	Required	Restrictions	Description
asset	string	false	none	none
interest	number	false	none	none
interestAccruedTime	integer(int64)	false	none	none
interestRate	number	false	none	none
principal	number	false	none	none

InterestRateResponse

```
{
  "asset": "string",
  "dailyInterest": 0,
  "yearlyInterest": 0
}
```

InterestRateResponse

42.228. Properties

Name	Type	Required	Restrictions	Description
asset	string	false	none	none
dailyInterest	number	false	none	none
yearlyInterest	number	false	none	none

IsolatedAccountDetailResp

```
{
  "assets": [
    {
      "baseAsset": {
        "userId": 0,
        "value": 0
      },
      "enabled": true,
      "indexPrice": 0,
      "isolatedCreated": true,
      "liquidatePrice": 0,
      "liquidateRate": 0,
      "marginLevel": 0,
      "marginLevelStatus": "string",
      "marginRatio": 0,
      "quoteAsset": {
        "userId": 0,
        "value": 0
      },
      "symbol": "string",
      "tradeEnabled": true
    }
  ]
}
```

```
    },
    ],
    "totalAssetOfBtc": 0,
    "totalLiabilityOfBtc": 0,
    "totalNetAssetOfBtc": 0
  }
```

IsolatedAccountDetailResp

42.229. Properties

Name	Type	Required	Restrictions	Description
assets	[AccountDetail]	false	none	none
totalAssetOfBtc	number	false	none	none
totalLiabilityOfBtc	number	false	none	none
totalNetAssetOfBtc	number	false	none	none

IsolatedAccountLimitConfigResp

```
{
  "enabledAccount": 0,
  "maxAccount": 0
}
```

IsolatedAccountLimitConfigResp

42.230. Properties

Name	Type	Required	Restrictions	Description
enabledAccount	integer(int32)	false	none	none
maxAccount	integer(int32)	false	none	none

IsolatedAssetFee

```
{
  "borrowLimit": 0,
  "coin": "string",
  "dailyInterest": 0
}
```

IsolatedAssetFee

42.231. Properties

Name	Type	Required	Restrictions	Description
borrowLimit	number	false	none	none
coin	string	false	none	none
dailyInterest	number	false	none	none

IsolatedMarginPairResp

```
{
  "base": "string",
  "delistTime": 0,
  "isBuyAllowed": true,
  "isMarginTrade": true,
  "isSellAllowed": true,
  "quote": "string",
  "symbol": "string"
}
```

IsolatedMarginPairResp

42.232. Properties

Name	Type	Required	Restrictions	Description
base	string	false	none	none
delistTime	integer(int64)	false	none	none
isBuyAllowed	boolean	false	none	none
isMarginTrade	boolean	false	none	none
isSellAllowed	boolean	false	none	none
quote	string	false	none	none
symbol	string	false	none	none

JexCommonResp

```
{
  "code": 0,
  "data": {},
  "msg": "string"
}
```

JexCommonResp

42.233. Properties

Name	Type	Required	Restrictions	Description
code	integer(int32)	false	none	none
data	object	false	none	none
msg	string	false	none	none

LedgerTransferPageResp

```
{
  "amount": 0,
  "asset": "string",
  "createTime": "2019-08-24T14:15:22Z",
  "status": "string",
  "tranId": 0,
  "type": 0
}
```

LedgerTransferPageResp

42.234. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	数量
asset	string	false	none	币种
createTime	string(date-time)	false	none	创建时间
status	string	false	none	状态:P-处理中, S-成功,F失败
tranId	integer(int64)	false	none	流水号
type	integer(int32)	false	none	交易类型

LeftQuotaResp

```
{
  "asset": "string",
  "leftQuota": 0
}
```



```
}

```

LeftQuotaResp

42.235. Properties

Name	Type	Required	Restrictions	Description
asset	string	false	none	none
leftQuota	number	false	none	none

LendingAssetResp

```
{
  "assets": {
    "property1": 0,
    "property2": 0
  },
  "updateTime": 0
}
```

LendingAssetResp

42.236. Properties

Name	Type	Required	Restrictions	Description
assets	object	false	none	none
» additionalProperties	number	false	none	none
updateTime	integer(int64)	false	none	none

LeverageBracket

```
{
  "fastNum": 0,
  "initialMarginRate": 0,
  "leverage": 0,
  "maintenanceMarginRate": 0,
  "maxDebt": 0
}
```

LeverageBracket

42.237. Properties

Name	Type	Required	Restrictions	Description
fastNum	number	false	none	速算数
initialMarginRate	number	false	none	初始保证金率
leverage	integer(int32)	false	none	杠杆倍数
maintenanceMarginRate	number	false	none	维持保证金率
maxDebt	number	false	none	最大负债

LightningInvoiceReq

```
{
  "invoice": "string",
  "type": 0
}
```

LightningInvoiceReq

42.238. Properties

Name	Type	Required	Restrictions	Description
invoice	string	false	none	none
type	integer(int32)	false	none	类型:0-外部,1-平台

LightningInvoiceResp

```
{
  "amount": "string",
  "expireMillis": 0,
  "internal": true,
  "routable": true
}
```

LightningInvoiceResp

42.239. Properties

Name	Type	Required	Restrictions	Description
amount	string	false	none	none
expireMillis	integer(int64)	false	none	none
internal	boolean	false	none	none
routable	boolean	false	none	none

Liquidity

```
{
  "constantA": 0,
  "minRedeemShare": 0,
  "slippageTolerance": 0
}
```

Liquidity

42.240. Properties

Name	Type	Required	Restrictions	Description
constantA	number	false	none	none
minRedeemShare	number	false	none	none
slippageTolerance	number	false	none	none

LiquidityAmount

```
{
  "amount": 0,
  "asset": "string"
}
```

LiquidityAmount

42.241. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	none
asset	string	false	none	none

ListConfirmedOrderResp

```
{
  "hasNext": true,
  "list": [
    {
      "clientOrderId": "string",
      "code": 0,
      "confirmedTime": 0,
      "createTime": 0,
      "expiryTime": 0,
      "msg": "string",
      "orderId": 0,
      "orderStatus": "string",
      "price": 0,
      "quantity": 0,
      "quoteAsset": "string",
      "settleTime": 0,
      "strikePrice": 0,
      "timeInForce": "string",
      "type": "string",
      "underlying": "string"
    }
  ]
}
```

ListConfirmedOrderResp

42.242. Properties

Name	Type	Required	Restrictions	Description
hasNext	boolean	false	none	none
list	[Order0]	false	none	none

ListenKeyResp

```
{
  "listenKey": "string"
}
```

ListenKeyResp

42.243. Properties

Name	Type	Required	Restrictions	Description
listenKey	string	false	none	none

LoanCCAdjustCollateralHistoryResp

```
{
  "adjustTime": 0,
  "afterCollateralRate": 0,
  "amount": 0,
  "coin": "string",
  "collateralCoin": "string",
  "direction": "ADDITIONAL",
  "preCollateralRate": 0,
  "status": "COMPLETED"
}
```

LoanCCAdjustCollateralHistoryResp

42.244. Properties

Name	Type	Required	Restrictions	Description
adjustTime	integer(int64)	false	none	调整时间
afterCollateralRate	number	false	none	调整后质押率

Name	Type	Required	Restrictions	Description
amount	number	false	none	调整金额
coin	string	false	none	借款币种
collateralCoin	string	false	none	抵押币种
direction	string	false	none	调整类型
preCollateralRate	number	false	none	调整前质押率
status	string	false	none	状态

42.244.1. Enumerated Values

Property	Value
direction	ADDITIONAL
direction	REDUCED
status	COMPLETED
status	FAILED
status	PENDING

LoanCCAdjustCollateralResp

```
{
  "amount": 0,
  "collateralCoin": "string",
  "direction": "ADDITIONAL",
  "loanCoin": "string",
  "time": 0
}
```

LoanCCAdjustCollateralResp

42.245. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	调整金额
collateralCoin	string	false	none	抵押币种
direction	string	false	none	调整方向
loanCoin	string	false	none	借贷币种
time	integer(int64)	false	none	调整时间

42.245.1. Enumerated Values

Property	Value
direction	ADDITIONAL
direction	REDUCED

LoanCCBorrowHistoryResp

```
{
  "borrowId": "string",
  "coin": "string",
  "collateralAmount": 0,
  "collateralCoin": "string",
  "collateralRate": 0,
  "confirmedTime": 0,
  "deadline": 0,
  "leftPrincipal": 0,
  "leftTotal": 0,
  "orderStatus": "string"
}
```

LoanCCBorrowHistoryResp

42.246. Properties

Name	Type	Required	Restrictions	Description
borrowId	string	false	none	id
coin	string	false	none	借贷币种
collateralAmount	number	false	none	抵押金额
collateralCoin	string	false	none	抵押币种
collateralRate	number	false	none	质押率
confirmedTime	integer(int64)	false	none	confirmedTime
deadline	integer(int64)	false	none	deadline
leftPrincipal	number	false	none	剩余总负债本金
leftTotal	number	false	none	剩余总负债
orderStatus	string	false	none	订单状态

LoanCCBorrowResp

```
{
  "amount": 0,
  "borrowId": "string",
  "coin": "string",
  "collateralAmount": 0,
  "collateralCoin": "string",
  "time": 0
}
```

LoanCCBorrowResp

42.247. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	借贷金额
borrowId	string	false	none	id
coin	string	false	none	借贷币种
collateralAmount	number	false	none	抵押金额
collateralCoin	string	false	none	抵押币种
time	integer(int64)	false	none	time

LoanCCCalcLevelAfterAdjustLtvResp

```
{
  "afterCollateralRate": 0
}
```

LoanCCCalcLevelAfterAdjustLtvResp

42.248. Properties

Name	Type	Required	Restrictions	Description
afterCollateralRate	number	false	none	数量

LoanCCCalcMaxAdjustAmountResp

```
{
  "maxInAmount": 0,
  "maxOutAmount": 0
}
```

```
}

```

LoanCCCalcMaxAdjustAmountResp

42.249. Properties

Name	Type	Required	Restrictions	Description
maxInAmount	number	false	none	最大可转入数量
maxOutAmount	number	false	none	最大可转出数量

LoanCCCollateralRepayLimitResp

```
{
  "coin": "string",
  "collateralCoin": "string",
  "max": 0,
  "min": 0
}
```

LoanCCCollateralRepayLimitResp

42.250. Properties

Name	Type	Required	Restrictions	Description
coin	string	false	none	借贷币种
collateralCoin	string	false	none	抵押币种
max	number	false	none	最大
min	number	false	none	最小

LoanCCCollateralRepayQuoteResp

```
{
  "amount": 0,
  "coin": "string",
  "collateralCoin": "string",
  "quoteId": "string"
}
```

LoanCCCollateralRepayQuoteResp

42.251. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	还款金额
coin	string	false	none	借贷币种
collateralCoin	string	false	none	抵押币种
quoteId	string	false	none	quoteId

LoanCCCollateralRepayResp

```
{
  "amount": 0,
  "coin": "string",
  "collateralCoin": "string",
  "quoteId": "string"
}
```

LoanCCCollateralRepayResp

42.252. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	还款金额
coin	string	false	none	借贷币种
collateralCoin	string	false	none	抵押币种
quoteld	string	false	none	quoteld

LoanCCConfigsResp

```
{
  "collateralCoin": "string",
  "currentCollateralRate": 0,
  "interestGracePeriod": "string",
  "interestRate": 0,
  "liquidationCollateralRate": 0,
  "loanCoin": "string",
  "marginCallCollateralRate": 0,
  "rate": 0
}
```

LoanCCConfigsResp

42.253. Properties

Name	Type	Required	Restrictions	Description
collateralCoin	string	false	none	抵押币种
currentCollateralRate	number	false	none	当前质押率
interestGracePeriod	string	false	none	免息期
interestRate	number	false	none	日利率
liquidationCollateralRate	number	false	none	平仓质押率
loanCoin	string	false	none	借贷币种
marginCallCollateralRate	number	false	none	补仓质押率
rate	number	false	none	初始质押率

LoanCCInterestHistoryResp

```
{
  "collateralCoin": "string",
  "interest": 0,
  "interestCoin": "string",
  "interestFreeLimitUsed": 0,
  "interestRate": 0,
  "principalForInterest": 0,
  "time": 0
}
```

LoanCCInterestHistoryResp

42.254. Properties

Name	Type	Required	Restrictions	Description
collateralCoin	string	false	none	抵押币种
interest	number	false	none	利息
interestCoin	string	false	none	计息币种
interestFreeLimitUsed	number	false	none	已使用的免息额度
interestRate	number	false	none	日利率
principalForInterest	number	false	none	计息本金

Name	Type	Required	Restrictions	Description
time	integer(int64)	false	none	计息时间

LoanCCLiquidationHistoryResp

```
{
  "coin": "string",
  "collateralAmountForLiquidation": 0,
  "collateralCoin": "string",
  "forceLiquidationStartTime": 0,
  "restCollateralAmountAfterLiquidation": 0,
  "restLoanAmount": 0,
  "status": "CLOSED"
}
```

LoanCCLiquidationHistoryResp

42.255. Properties

Name	Type	Required	Restrictions	Description
coin	string	false	none	借款币种
collateralAmountForLiquidation	number	false	none	平仓完成消耗的质押资产金额，8位小数
collateralCoin	string	false	none	抵押币种
forceLiquidationStartTime	integer(int64)	false	none	强平时间
restCollateralAmountAfterLiquidation	number	false	none	平仓剩余质押金额
restLoanAmount	number	false	none	借款金额
status	string	false	none	状态

42.255.1. Enumerated Values

Property	Value
status	CLOSED
status	COLLATERAL_TRANSFER_FAILED
status	COLLATERAL_TRANSFER_SUCCESS
status	LIABILITY_TRANSFER_FAILED
status	LIABILITY_TRANSFER_SUCCESS
status	NOTIFY_ENGINE_FAILED
status	NOTIFY_ENGINE_SUCCESS
status	PENDING
status	REFUNDING
status	REPAY_FAILED

LoanCCQueryCollateralRepayResultResp

```
{
  "quoteId": "string",
  "status": "string"
}
```

LoanCCQueryCollateralRepayResultResp

42.256. Properties

Name	Type	Required	Restrictions	Description
quoteId	string	false	none	quoteId
status	string	false	none	状态

LoanCCRepayHistoryResp

```
{
  "amount": 0,
  "coin": "string",
  "collateralAmount": 0,
  "collateralCoin": "string",
  "confirmedTime": 0,
  "price": 0,
  "releasedCollateral": 0,
  "repayCollateral": 0,
  "repayId": "string",
  "repayType": "string",
  "status": "string",
  "updateTime": 0
}
```

LoanCCRepayHistoryResp

42.257. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	还款金额
coin	string	false	none	借贷币种
collateralAmount	number	false	none	抵押金额
collateralCoin	string	false	none	抵押币种
confirmedTime	integer(int64)	false	none	confirmedTime
price	number	false	none	Loan/collateral exchange rate
releasedCollateral	number	false	none	释放的抵押金额
repayCollateral	number	false	none	还款使用的抵押金
repayId	string	false	none	id
repayType	string	false	none	还款类型
status	string	false	none	状态
updateTime	integer(int64)	false	none	updateTime

LoanCCRepayResp

```
{
  "amount": 0,
  "coin": "string",
  "collateralCoin": "string",
  "repayId": "string"
}
```

LoanCCRepayResp

42.258. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	借贷金额
coin	string	false	none	借贷币种
collateralCoin	string	false	none	抵押币种
repayId	string	false	none	id

LoanCCWalletDataResp

```
{
  "asset": "string",
  "crossCollaterals": [
    {

```

```
    "collateralCoin": "string",
    "currentCollateralRate": 0,
    "interest": 0,
    "interestFreeLimitUsed": 0,
    "loanAmount": 0,
    "loanCoin": "string",
    "locked": 0,
    "principalForInterest": 0
  }
],
"interestFreeLimit": 0,
"totalBorrowed": 0,
"totalCrossCollateral": 0,
"totalInterest": 0
}
```

LoanCCWalletDataResp

42.259. Properties

Name	Type	Required	Restrictions	Description
asset	string	false	none	借贷币种
crossCollaterals	[Collateral]	false	none	抵押数据
interestFreeLimit	number	false	none	免息额度
totalBorrowed	number	false	none	总借贷金额
totalCrossCollateral	number	false	none	总抵押金额
totalInterest	number	false	none	总利息

LoanFlexAdjustCollateralHistoryResp

```
{
  "adjustTime": 0,
  "afterLTV": 0,
  "collateralAmount": 0,
  "collateralCoin": "string",
  "direction": "string",
  "loanCoin": "string",
  "preLTV": 0
}
```

LoanFlexAdjustCollateralHistoryResp

42.260. Properties

Name	Type	Required	Restrictions	Description
adjustTime	integer(int64)	false	none	none
afterLTV	number	false	none	none
collateralAmount	number	false	none	none
collateralCoin	string	false	none	none
direction	string	false	none	none
loanCoin	string	false	none	none
preLTV	number	false	none	none

LoanFlexAdjustCollateralResp

```
{
  "amount": 0,
  "collateralCoin": "string",
  "currentLTV": 0,
  "direction": "string",
  "loanCoin": "string"
}
```

LoanFlexAdjustCollateralResp

42.261. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	none
collateralCoin	string	false	none	none
currentLTV	number	false	none	none
direction	string	false	none	none
loanCoin	string	false	none	none

LoanFlexBorrowHistoryResp

```
{
  "borrowTime": 0,
  "collateralCoin": "string",
  "initialCollateralAmount": 0,
  "initialLoanAmount": 0,
  "loanCoin": "string",
  "status": "string"
}
```

LoanFlexBorrowHistoryResp

42.262. Properties

Name	Type	Required	Restrictions	Description
borrowTime	integer(int64)	false	none	borrow time
collateralCoin	string	false	none	collateral coin
initialCollateralAmount	number	false	none	initial collateral amount
initialLoanAmount	number	false	none	initial loan amount
loanCoin	string	false	none	loan coin
status	string	false	none	status

LoanFlexBorrowResp

```
{
  "collateralAmount": 0,
  "collateralCoin": "string",
  "loanAmount": 0,
  "loanCoin": "string",
  "status": "string"
}
```

LoanFlexBorrowResp

42.263. Properties

Name	Type	Required	Restrictions	Description
collateralAmount	number	false	none	none
collateralCoin	string	false	none	none
loanAmount	number	false	none	none
loanCoin	string	false	none	none
status	string	false	none	none

LoanFlexOngoingOrderResp

```
{
  "collateralAmount": 0,
  "collateralCoin": "string",
  "currentLTV": 0,
  "loanCoin": "string",
  "totalDebt": 0
}
```

LoanFlexOngoingOrderResp

42.264. Properties

Name	Type	Required	Restrictions	Description
collateralAmount	number	false	none	collateral Amount
collateralCoin	string	false	none	collateral coin
currentLTV	number	false	none	ltv
loanCoin	string	false	none	loan coin
totalDebt	number	false	none	total Debt

LoanFlexRepayHistoryResp

```
{
  "collateralCoin": "string",
  "collateralReturn": 0,
  "loanCoin": "string",
  "repayAmount": 0,
  "repayStatus": "string",
  "repayTime": 0
}
```

LoanFlexRepayHistoryResp

42.265. Properties

Name	Type	Required	Restrictions	Description
collateralCoin	string	false	none	collateral coin
collateralReturn	number	false	none	collateral return
loanCoin	string	false	none	loan coin
repayAmount	number	false	none	repay amount
repayStatus	string	false	none	repay status
repayTime	integer(int64)	false	none	repay time

LoanFlexRepayResp

```
{
  "collateralCoin": "string",
  "currentLTV": 0,
  "fullRepayment": true,
  "loanCoin": "string",
  "remainingCollateral": 0,
  "remainingDebt": 0,
  "repayStatus": "string"
}
```

LoanFlexRepayResp

42.266. Properties

Name	Type	Required	Restrictions	Description
collateralCoin	string	false	none	none

Name	Type	Required	Restrictions	Description
currentLTV	number	false	none	none
fullRepayment	boolean	false	none	none
loanCoin	string	false	none	none
remainingCollateral	number	false	none	none
remainingDebt	number	false	none	none
repayStatus	string	false	none	none

LoanOtcAccountInfoResp

```
{
  "collateralAccountId": 0,
  "collateralCoin": "string"
}
```

LoanOtcAccountInfoResp

42.267. Properties

Name	Type	Required	Restrictions	Description
collateralAccountId	integer(int64)	false	none	none
collateralCoin	string	false	none	none

LoanOtcBorrowResp

```
{
  "collateralAccountId": "string",
  "collateralCoin": "string",
  "loanAccountId": 0,
  "loanAmount": 0,
  "loanCoin": "string",
  "loanTerm": 0,
  "requestId": 0
}
```

LoanOtcBorrowResp

42.268. Properties

Name	Type	Required	Restrictions	Description
collateralAccountId	string	false	none	collateral account
collateralCoin	string	false	none	collateral coin
loanAccountId	integer(int64)	false	none	loan account
loanAmount	number	false	none	loan amount
loanCoin	string	false	none	loan coin
loanTerm	integer(int32)	false	none	loan term
requestId	integer(int64)	false	none	request ID

LoanOtcOngoingOrdersResp

```
{
  "collateralAccountId": "string",
  "collateralCoin": "string",
  "collateralValue": 0,
  "currentLTV": 0,
  "expirationTime": 0,
  "initialLtv": "string",
  "liquidationLtv": "string",
  "loanCoin": "string",
  "loanDate": "string",

```

```
"loanRate": "string",
"loanTerm": "string",
"lockedCollateralValue": 0,
"marginCallLtv": "string",
"orderId": 0,
"residualInterest": 0,
"totalCollateralValueAfterHaircut": 0,
"totalDebt": 0
}
```

LoanOtcOngoingOrdersResp

42.269. Properties

Name	Type	Required	Restrictions	Description
collateralAccountId	string	false	none	collateral account id
collateralCoin	string	false	none	collateral coin
collateralValue	number	false	none	locked collateral value shown in USD value
currentLTV	number	false	none	current ltv
expirationTime	integer(int64)	false	none	expiration time
initialLtv	string	false	none	initial ltv
liquidationLtv	string	false	none	liquidation ltv
loanCoin	string	false	none	loan coin
loanDate	string	false	none	Loan Date
loanRate	string	false	none	Loan Rate
loanTerm	string	false	none	Loan Term
lockedCollateralValue	number	false	none	locked collateral value shown in USD value
marginCallLtv	string	false	none	margin call ltv
orderId	integer(int64)	false	none	order id
residualInterest	number	false	none	residual interest
totalCollateralValueAfterHaircut	number	false	none	total collateral value after haircut shown in USD value
totalDebt	number	false	none	total debt

LoanOtcRenewResp

```
{
  "collateralAccountId": "string",
  "collateralCoin": "string",
  "loanAccountId": 0,
  "loanAmount": 0,
  "loanCoin": "string",
  "loanTerm": 0,
  "yearlyInterestRate": 0
}
```

LoanOtcRenewResp

42.270. Properties

Name	Type	Required	Restrictions	Description
collateralAccountId	string	false	none	collateral account
collateralCoin	string	false	none	collateral coin
loanAccountId	integer(int64)	false	none	loan account
loanAmount	number	false	none	loan amount
loanCoin	string	false	none	loan coin
loanTerm	integer(int32)	false	none	loan term

Name	Type	Required	Restrictions	Description
yearlyInterestRate	number	false	none	Yearly Interest Rate

LoanOtcRepayHistoryResp

```
{
  "collateralCoin": "string",
  "loanCoin": "string",
  "loanDate": 0,
  "orderId": 0,
  "repayAmount": 0,
  "repayStatus": "string",
  "repayTime": 0
}
```

LoanOtcRepayHistoryResp

42.271. Properties

Name	Type	Required	Restrictions	Description
collateralCoin	string	false	none	collateral coin
loanCoin	string	false	none	loan coin
loanDate	integer(int64)	false	none	借款生效时间
orderId	integer(int64)	false	none	order id
repayAmount	number	false	none	repay amount
repayStatus	string	false	none	repay status
repayTime	integer(int64)	false	none	repay time

LoanOtcRepayResp

```
{
  "collateralCoin": "string",
  "currentLTV": 0,
  "loanCoin": "string",
  "remainingInterest": 0,
  "remainingPrincipal": 0,
  "repayAmount": 0,
  "repayStatus": "string"
}
```

LoanOtcRepayResp

42.272. Properties

Name	Type	Required	Restrictions	Description
collateralCoin	string	false	none	collateral coin
currentLTV	number	false	none	current LTV
loanCoin	string	false	none	loan coin
remainingInterest	number	false	none	remaining interest
remainingPrincipal	number	false	none	remaining principal
repayAmount	number	false	none	repay amount
repayStatus	string	false	none	repay status

LoanOtcRequestStatusResp

```
{
  "collateralAccountId": "string",
  "collateralCoin": "string",
  "loanAccountId": 0,
  "loanAmount": 0,
}
```

```
"loanCoin": "string",
"loanDate": 0,
"loanTerm": 0,
"orderId": 0,
"reason": "string",
"requestId": 0,
"status": "string"
}
```

LoanOtcRequestStatusResp

42.273. Properties

Name	Type	Required	Restrictions	Description
collateralAccountId	string	false	none	collateral account
collateralCoin	string	false	none	collateral coin
loanAccountId	integer(int64)	false	none	loan account
loanAmount	number	false	none	loan amount
loanCoin	string	false	none	loan coin
loanDate	integer(int64)	false	none	loan date
loanTerm	integer(int32)	false	none	loan term
orderId	integer(int64)	false	none	order ID
reason	string	false	none	reason
requestId	integer(int64)	false	none	request ID
status	string	false	none	status

LoanRetailAdjustCollateralHistoryResp

```
{
  "adjustTime": 0,
  "afterLTV": 0,
  "amount": 0,
  "collateralCoin": "string",
  "direction": "string",
  "loanCoin": "string",
  "orderId": 0,
  "preLTV": 0
}
```

LoanRetailAdjustCollateralHistoryResp

42.274. Properties

Name	Type	Required	Restrictions	Description
adjustTime	integer(int64)	false	none	none
afterLTV	number	false	none	none
amount	number	false	none	none
collateralCoin	string	false	none	none
direction	string	false	none	none
loanCoin	string	false	none	none
orderId	integer(int64)	false	none	none
preLTV	number	false	none	none

LoanRetailAdjustCollateralResp

```
{
  "amount": 0,
  "collateralCoin": "string",
  "currentLTV": 0,

```



```
"direction": "string",
"loanCoin": "string"
}
```

LoanRetailAdjustCollateralResp

42.275. Properties

Name	Type	Required	Restrictions	Description
amount	number	false	none	none
collateralCoin	string	false	none	none
currentLTV	number	false	none	none
direction	string	false	none	none
loanCoin	string	false	none	none

LoanRetailBorrowHistoryResp

```
{
  "borrowTime": 0,
  "collateralCoin": "string",
  "hourlyInterestRate": 0,
  "initialCollateralAmount": 0,
  "initialLoanAmount": 0,
  "loanCoin": "string",
  "loanTerm": 0,
  "orderId": 0,
  "status": "string"
}
```

LoanRetailBorrowHistoryResp

42.276. Properties

Name	Type	Required	Restrictions	Description
borrowTime	integer(int64)	false	none	borrow time
collateralCoin	string	false	none	collateral coin
hourlyInterestRate	number	false	none	hourly interest rate
initialCollateralAmount	number	false	none	initial collateral amount
initialLoanAmount	number	false	none	initial loan amount
loanCoin	string	false	none	loan coin
loanTerm	integer(int32)	false	none	loan term
orderId	integer(int64)	false	none	order id
status	string	false	none	status

LoanRetailBorrowResp

```
{
  "collateralAmount": 0,
  "collateralCoin": "string",
  "hourlyInterestRate": 0,
  "loanAmount": 0,
  "loanCoin": "string",
  "orderId": 0
}
```

LoanRetailBorrowResp

42.277. Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
collateralAmount	number	false	none	collateral amount
collateralCoin	string	false	none	loan coin
hourlyInterestRate	number	false	none	hourly interest rate
loanAmount	number	false	none	loan amount
loanCoin	string	false	none	loan coin
orderId	integer(int64)	false	none	orderId

LoanRetailOngoingOrdersResp

```
{
  "collateralAmount": 0,
  "collateralCoin": "string",
  "currentLTV": 0,
  "expirationTime": 0,
  "loanCoin": "string",
  "orderId": 0,
  "residualInterest": 0,
  "totalDebt": 0
}
```

LoanRetailOngoingOrdersResp

42.278. Properties

Name	Type	Required	Restrictions	Description
collateralAmount	number	false	none	initial collateral amount
collateralCoin	string	false	none	collateral coin
currentLTV	number	false	none	current ltv
expirationTime	integer(int64)	false	none	expiration time
loanCoin	string	false	none	loan coin
orderId	integer(int64)	false	none	order id
residualInterest	number	false	none	residual interest
totalDebt	number	false	none	total debt

LoanRetailRepayHistoryResp

```
{
  "collateralCoin": "string",
  "collateralReturn": 0,
  "collateralUsed": 0,
  "loanCoin": "string",
  "orderId": 0,
  "repayAmount": 0,
  "repayStatus": "string",
  "repayTime": 0,
  "repayType": 0
}
```

LoanRetailRepayHistoryResp

42.279. Properties

Name	Type	Required	Restrictions	Description
collateralCoin	string	false	none	collateral coin
collateralReturn	number	false	none	collateral return
collateralUsed	number	false	none	collatera used when collateral repay, null for regular repay
loanCoin	string	false	none	loan coin