Print

1、大盘行情

大盘行情

接口地址：**http://open.liupai.net/bitcorn/market_view**

返回格式：**JSON,JSONP**

请求方式：**http GET POST**

请求示例：**http://open.liupai.net/bitcorn/market_view?unit=&appkey=yourappsecret**

接口备注：**1**

请求参数说明

参数名	必选	类型	说明
unit	否	string	显示金额单位(默认返回USD)；允许值：

返回参数说明

参数名	类型	说明
market_total_value	decimal	总市值(根据unit返回对应金额)
market_24h_change	decimal	24H市值变化(根据unit返回对应金额)
market_24h_trade	decimal	24H成交额(根据unit返回对应金额)

JSON返回示例

```
{
    "status": 200,
    "msg": "OK",
    "result": {
        "market_total_value": 206410355481.98,
        "market_24h_change": -9427607167.5163,
        "market_24h_trade": 4464479489.4416
    }
}
```

错误码参照

错误码	说明
107	返回失败,请检查参数是否正确

备注

- 更多返回错误代码请看首页的错误代码描述

2、行情排行榜单

行情排行榜单

接口地址：http://open.liupai.net/bitcorn/rank_list

返回格式：**JSON,JSONP**

请求方式：**http GET POST**

请求示例：http://open.liupai.net/bitcorn/rank_list?unit=&type=&p=&appkey=yourappsecret

接口备注：**1**

请求参数说明

参数名	必选	类型	说明
unit	否	string	显示金额单位(默认返回USD);允许值:
type	是	int	榜单类型:1:市值榜2:涨幅榜3:跌幅榜4:成交额榜5:净流入榜
p	否	int	页数:每页返回20条数据, 默认返回排行榜前20
unit	否	string	显示金额单位(默认返回USD);允许值:

返回参数说明

参数名	类型	说明
currency	string	币简称
fullname	string	币全称
fullname_zh	string	币中文名称

参数名	类型	说明
price	decimal	当前价格(根据unit返回对应金额)
market_value	decimal	市值(根据unit返回对应金额)
chg	decimal	24H涨幅

JSON返回示例

```json
{
    "status": 200,
    "msg": "OK",
    "result": [
        {
            "currency": "BTC",
            "fullname": "Bitcoin",
            "fullname_zh": "比特币",
            "price": "8800.599609375",
            "market_value": "150312261193.2129",
            "chg": "-0.0516886"
        },
        {
            "currency": "ETH",
            "fullname": "Ethereum",
            "fullname_zh": "以太坊",
            "price": "203.27000427246094",
            "market_value": "20219068120.377502",
            "chg": "-0.0323747"
        },
        {
            "currency": "XRP",
            "fullname": "Ripple",
            "fullname_zh": "瑞波币",
            "price": "0.32280001044273376",
            "market_value": "12667164953.523207",
            "chg": "0"
        },
        {
            "currency": "LTC",
            "fullname": "Litecoin",
            "fullname_zh": "莱特币",
            "price": "42.77000045776367",
            "market_value": "2418879316.8990593",
            "chg": "-0.0404403"
        },
        {
            "currency": "EOS",
            "fullname": "EOS",
            "fullname_zh": "柚子",
            "price": "2.5220000743865967",
            "market_value": "2260089085.485511",
            "chg": "-0.0284944"
        },
        {
            "currency": "BNB",
```

```
        "fullname": "Binance Coin",
        "fullname_zh": "币安币",
        "price": "16.207199096679688",
        "market_value": "1848289892.2721863",
        "chg": "-0.0305669"
    },
    {
        "currency": "OKB",
        "fullname": "OKB",
        "fullname_zh": "OK币",
        "price": "5.02400016784668",
        "market_value": "1507200050.354004",
        "chg": "-0.0139462"
    },
    {
        "currency": "LINK",
        "fullname": "ChainLink",
        "fullname_zh": null,
        "price": "3.8678998947143555",
        "market_value": "1353764963.1500244",
        "chg": "-0.0350645"
    },
    {
        "currency": "XLM",
        "fullname": "Stellar",
        "fullname_zh": "恒星币",
        "price": "0.06485000252723694",
        "market_value": "1204643159.6629448",
        "chg": "-0.0479824"
    },
    {
        "currency": "ADA",
        "fullname": "Cardano",
        "fullname_zh": "艾达币",
        "price": "0.04188000038266182",
        "market_value": "1085825724.05274",
        "chg": "0"
    },
    {
        "currency": "XMR",
        "fullname": "Monero",
        "fullname_zh": "门罗币",
        "price": "61.220001220703125",
        "market_value": "986104414.3225403",
        "chg": "-0.0334755"
    },
    {
        "currency": "XTZ",
        "fullname": "Tezos",
        "fullname_zh": null,
        "price": "1.5733089447021484",
        "market_value": "955767942.0138302",
        "chg": "0"
    },
    {
        "currency": "TRX",
```

```json
        "fullname": "Tron",
        "fullname_zh": "波场",
        "price": "0.014499999582767487",
        "market_value": "953347591.4202502",
        "chg": "-0.052459"
    },
    {
        "currency": "ETC",
        "fullname": "Ethereum Classic",
        "fullname_zh": "以太经典",
        "price": "6.677000045776367",
        "market_value": "679095994.4367657",
        "chg": "-0.00801661"
    },
    {
        "currency": "NEO",
        "fullname": "NEO",
        "fullname_zh": "小蚁",
        "price": "9.800000190734863",
        "market_value": "637000012.3977661",
        "chg": "-0.0504855"
    },
    {
        "currency": "DASH",
        "fullname": "Dash",
        "fullname_zh": "达世币",
        "price": "72.9000015258789",
        "market_value": "588572961.0194931",
        "chg": "-0.0295842"
    },
    {
        "currency": "IOTA",
        "fullname": "MIOTA",
        "fullname_zh": "埃欧塔",
        "price": "0.16580000519752502",
        "market_value": "460846135.36807823",
        "chg": "0"
    },
    {
        "currency": "XEM",
        "fullname": "NEM",
        "fullname_zh": "新经币",
        "price": "0.03892900049686432",
        "market_value": "350361004.4328499",
        "chg": "0.0145668"
    },
    {
        "currency": "DOGE",
        "fullname": "Dogecoin",
        "fullname_zh": "狗狗币",
        "price": "0.0025007999502122402",
        "market_value": "283986341.763966",
        "chg": "-0.0151766"
    },
    {
```

```
        "currency": "MKR",
        "fullname": "Maker",
        "fullname_zh": null,
        "price": "342.8999938964844",
        "market_value": "211990377.42663574",
        "chg": "-0.001459"
      }
    ]
}
```

错误码参照

错误码	说明
107	返回失败,请检查参数是否正确

备注

- 更多返回错误代码请看首页的错误代码描述

3、币种列表

币种列表

接口地址：http://open.liupai.net/bitcorn/currency_list

返回格式：**JSON,JSONP**

请求方式：**http GET POST**

请求示例：http://open.liupai.net/bitcorn/currency_list?unit=&type=&p=&appkey=yourappsecret

接口备注：**1**

请求参数说明

参数名	必选	类型	说明
unit	否	string	显示金额单位(默认返回USD);允许值:
type	是	int	榜单类型:1:市值榜2:涨幅榜3:跌幅榜4:成交额榜5:净流入榜
p	否	int	页数:每页返回20条数据,默认返回排行榜前20
unit	否	string	显示金额单位(默认返回USD);允许值:

参数名	必选	类型	说明
p	否	int	页数；每一页返回50条数据

返回参数说明

参数名	类型	说明
currency	string	币种简称
fullname	string	币种全称
fullname_zh	string	币种中文名
introduction_zh	string	币种介绍
circulation	string	流通量
total_circulation	string	发行量

JSON返回示例

```
{
    "status": 200,
    "msg": "OK",
    "result": [
        {
            "currency": "1",
            "fullname": "TrueChain",
            "fullname_zh": null,
            "introduction_zh": "初链（TrueChain）是全球最早的PBFT-
POW混合共识公链之一。PoW/PoS等单一共识公有链，目前遇到性能瓶颈的问题，而DPOS/DB
FT等基于单一共识的改进型公有链，有中心化的问题。TRUE既具备高性能，也足够去中心化。
众所周知，PoW及PBFT共识机制的规模化和安全性久经考验。初链混合共识将PBFT和PoW共识
结合在一起，解决了公有链领域最重要的问题：
去中心化和性能之间的矛盾。PBFT协议保证价值流通和商业应用所需要的性能，而PBFT-
PoW混合共识保证初链是一条公有链。",
            "circulation": "45000000",
            "total_circulation": "100000000"
        },
        {
            "currency": "18T",
            "fullname": "18T",
            "fullname_zh": "18区",
            "introduction_zh":
"18区创建了全球区块链公链社区的第一本"护照"，总部位于新加坡。旨在提供基于专业化的
区块链社区服务，将全球数字资产进行无障碍的快速流通，构建起区块链新世界的核心入口。"
,
            "circulation": "1179200",
            "total_circulation": "1000000000"
        },
        {
            "currency": "1ST",
            "fullname": "FirstBlood",
            "fullname_zh": "第一滴血",
```

            "introduction_zh":
"第一滴血，是一个可以让玩家随时随地挑战对手并获得赏金的去中心化电竞平台。全球电竞市场正在以迅猛的方式增长。2015年全球电竞市场的市值为7.48亿美元，预计到2018年，电竞市场在全球的市值将增长至19.2亿美元。而在如此高的市值下，电子竞技平台所提供的公平性与安全性却参差不齐。当前电子竞技平台面临的首要问题是没法提供一个可以信赖的仲裁机制并且没有自动化的赏金分发系统。第一滴血项目，是搭建于以太坊上的区块链平台。该平台致力于使用去中心化的方式解决中心平台的信任问题，并利用智能合约解决赏金支付问题。",
            "circulation": "85558371",
            "total_circulation": "93468691"
        },
        {
            "currency": "3DB",
            "fullname": "3DB",
            "fullname_zh": "三点半",
            "introduction_zh": "3DB（全称是3D Blockchain
Token，三点半）是3DChain基于以太坊发布的Token，3DChain是垂直服务于3D行业的行业链，提供服务包含：ID身份认证、云存储和超渲，意在解决3D行业一直困扰大家的设计人员水平无共识；数字作品存储消耗大、难查找；和渲染成本一直居高不下的难题。",
            "circulation": "2000000000",
            "total_circulation": "27380970"
        },
        {
            "currency": "AAA",
            "fullname": "AAAChain",
            "fullname_zh": null,
            "introduction_zh": "App Alliance Association
Chain，简称AAAChain，是一个独立的公有链。致力于利用区块链技术打造一个由海量垂直场景应用联盟组成的、 去中心化的、完全自治的数据开放平台。
AAAChain的目标是以去中心的数据开放交易平台为基石，以海量垂直场景应用组成的自治组织联盟为核心数据供应方，以可信可确权的数据流通为轴线，基于区块链技术改造大数据产业的生产关系和信任关系，建设全新的大数据共赢生态社区。",
            "circulation": "3000000000",
            "total_circulation": "57497947"
        },
        {
            "currency": "AAC",
            "fullname": "Acute Angle Cloud",
            "fullname_zh": "锐角币",
            "introduction_zh": "Acute Angle
Cloud通过收集全球闲置的计算资源，搭建一个全球分布式云服务平台。使数据的存储及处理分布在全球的节点，而非传统中心服务器，
提高了效率，降低了延时。全球用户可通过共享计算机闲置资源获取Token奖励，开发者及企业用户可获得安全、 稳定、公开、透明的高性价比云服务。",
            "circulation": "210000000",
            "total_circulation": "1000000000"
        },
        {
            "currency": "ABT",
            "fullname": "ArcBlock",
            "fullname_zh": "区块基石",
            "introduction_zh":
"区块基石（ArcBlock）是一个专门用于开发和部署去中心化区块链应用的服务平台和一个多

方参与形成的生态系统，旨在解决目前区块链应用领域的几个普遍存在的、阻碍区块链技术得以在公众范围内普及应用的问题。ArcBlock不仅提供基础部件服务以方便使用区块链，而且能比今天的区块链系统支持更复杂的商业逻辑。它能帮助用户将已有的系统和服务与区块链建立连接，使得用户可以把现有业务的数据、用户、商业逻辑等应用在区块链驱动的新应用之中。",
            "circulation": "93196613",
            "total_circulation": "186000000"
        },
        {
            "currency": "ACE",
            "fullname": "TokenStars",
            "fullname_zh": null,
            "introduction_zh": null,
            "circulation": null,
            "total_circulation": "165000000"
        },
        {
            "currency": "ACO",
            "fullname": "Acoin",
            "fullname_zh": null,
            "introduction_zh":
"Acoin是一种数字货币，能够即时支付给世界上任何地方的任何人。Acoin使用点对点的技术，Acoin Core是开放源码软件的名称。",
            "circulation": "1220085",
            "total_circulation": "5240"
        },
        {
            "currency": "ACT",
            "fullname": "Achain",
            "fullname_zh": "A链",
            "introduction_zh":
"Achain独有的RDPOS分布式共识机制，实现了拥有自主知识产权的图灵完备智能合约虚拟机，链上交易性能高达1000TPS，是一款简单、快速、安全的区块链平台，用户可以使用Achain快速部署数字资产、智能合约等企业级的去中心化应用。",
            "circulation": "502634565",
            "total_circulation": "1000000000"
        },
        {
            "currency": "ADA",
            "fullname": "Cardano",
            "fullname_zh": "艾达币",
            "introduction_zh":
"卡尔达诺是Ada加密货币的归宿，可用于发送和接收数字资金。这种数字现金代表了未来的货币，通过使用加密技术，可以快速，直接的转帐，保证其安全性。卡尔达诺不仅是一个加密货币，而是一个技术平台，能够运行在世界各地的个人、组织和政府每天使用的金融应用程序。该平台正在层次构建中，使系统更容易维护，并允许通过软叉进行升级。在运行Ada的结算层构建完成后，将分离构建计算层来处理智能合约，这些数字法律协议将为未来的商业和业务提供支援。卡尔达诺还将运行分散应用程序或Dapps，服务将不是由任何一方控制，而是以区块链方式进行",
            "circulation": "25927070538",
            "total_circulation": "31112483745"
        },
        {

```
                "currency": "ADD",
                "fullname": "EOSADD",
                "fullname_zh": null,
                "introduction_zh": "ADD将致力于建设EOS数据与应用生态
提供从"互联网+"到"区块链+"的转型升级入口与数据平台。",
                "circulation": "10000000000",
                "total_circulation": "27380970"
        },
        {
                "currency": "ADE",
                "fullname": "DMChain",
                "fullname_zh": null,
                "introduction_zh":
"DMChain是一个去中心化的数字广告系统，旨在利用区块链和人工智能技术，规避数据造假
乱象，弱化中介成本，为广告业者构建更透明、更高效的交易渠道，解决了广告主和媒体主之
间的信任问题，并为广告主提供了更明确的市场目标，以及可跟踪和可量化的广告投放效果。
作为生态内的价值载体，DMChain系统内的所有交易均以ADE结算。DMChain生态的建立，将
让广告业内所有不同的参与者获益，真正实现广告价值重塑。",
                "circulation": "180000000",
                "total_circulation": "987546"
        },
        {
                "currency": "ADX",
                "fullname": "AdEx",
                "fullname_zh": null,
                "introduction_zh":
"AdEx是一个基于区块链的广告交易平台，旨在革新现有的在线广告格局，解决其一些重大问
题：广告欺诈、隐私和恶意展示赞助信息等。AdEx是完全公开透明并构建在以太坊智能合约之
上的。我们相信，我们可以提供一个平台来授权广告客户和发布商，在该平台上不仅安全、透
明而且有利于包括消费者在内的参与流程的各方。",
                "circulation": "73430701",
                "total_circulation": "100000000"
        },
        {
                "currency": "AE",
                "fullname": "Aeternity",
                "fullname_zh": "阿姨币",
                "introduction_zh":
"Aeternity号称新一代区块链网络,由德裔计算机科学家"以太坊教父"Yanislav
Malahov与前Augur核心开发者Zack Hess、前Synereo核心开发者Jack
Pettersson于2016年发起，聚集诸多颠覆性创新于一身，旨在重树当今智能合约的底层协议
。Aeternity的技术亮点是图灵完备状态通道(State
Channels)和去中心化预言机（Oracles）。",
                "circulation": "233020472",
                "total_circulation": "273685830"
        },
        {
                "currency": "AFC",
                "fullname": "Antifraudchain",
                "fullname_zh": "信用链",
                "introduction_zh": "AFC信用链是基于IBM HyperLeger
Fabric技术的区块链底层技术，与人工智能技术相互结合，面向金融领域的信用预测，信用反
欺诈，及信用历史纪录的生态系统。通过此生态系统，构建跨越多个金融领域的去中心化的风
```

险管理,交易管理平台。在其建设初期将为保险、基金、小额信贷等金融业务和金融交易提供信用分析、风险预测、交易撮合等服务。在业务平台化，数据规模化之后，进一步提供信用记录、信用评级、信用指数等更进一步的业务服务。",
            "circulation": "110000000",
            "total_circulation": "1042304"
        },
        {
            "currency": "AGI",
            "fullname": "SingularityNET",
            "fullname_zh": null,
            "introduction_zh":
"SingularityNET是一个针对AI的去中心化平台。旨在构建基于区块链的基础设施，以实现从图像识别到自然语言处理的各种AI算法，实时灵活的进行交互。该系统也将可以跟踪哪些算法正在被使用，并相应地对开发人员进行补偿。",
            "circulation": "539673260",
            "total_circulation": "1000000000"
        },
        {
            "currency": "AID",
            "fullname": "AidCoin",
            "fullname_zh": null,
            "introduction_zh":
"AidCoin是ERC20代币的一种，旨在成为通过以太坊区块链透明化捐赠和访问由AIDChain平台提供的服务生态系统的首选方法。
加密数字货币的运用将会影响我们未来的捐赠方式，而AidCoin代币也将在这个筹款新时代中发挥主导作用。",
            "circulation": "42502978",
            "total_circulation": "100000000"
        },
        {
            "currency": "AIDOC",
            "fullname": "Aldoctor",
            "fullname_zh": "天医",
            "introduction_zh":
"天医从医疗数据端切入，研发的AI超能医生形成天医分布式"大脑"结合智慧硬体、物联网等设备，构建智慧医疗全产业链生态。把生命体征数据写入区块链克隆出比特数字人，让每个人都拥有一个全天候守护的私人AI超能医生。",
            "circulation": "443330796",
            "total_circulation": "777775241"
        },
        {
            "currency": "AIF",
            "fullname": "AIF",
            "fullname_zh": null,
            "introduction_zh": null,
            "circulation": null,
            "total_circulation": null
        },
        {
            "currency": "AION",
            "fullname": "AION",
            "fullname_zh": null,
            "introduction_zh": "Aion-1
是一个先进的第三代区块链，是一种引入新的安全模式，公平，并具有代表性的加密经济激励

机制。AION 网络的核心是一个独特设计的，公开的，第三代的区块链，Aion-
1。设计用于连接其它区块链并管理其自身的大量链上程序，Aion-1
还提供了激励互操作性的经济系统。",
            "circulation": "150827007",
            "total_circulation": "465934587"
        },
        {
            "currency": "AIT",
            "fullname": "AICHAIN",
            "fullname_zh": null,
            "introduction_zh":
"AICHAIN旨在为更复杂的AI应用提供一个共有区块链平台，能够让数据资源方、应用开发方
、运行平台资源方和用户在这个区块链上自由发布和使用各自的资源和应用，以更低的技术门
槛和成本将AI应用生态建设到区块链平台之上。AICHAIN将构建一个良性的生态圈，促进资源
共享，激励更多人参与到智能化应用的开发与落地；推动人工智能在可信、可靠的环境中发展
；让私人产生的数据，转化成给每个人的更精准化的服务。",
            "circulation": "630000000",
            "total_circulation": "5751504"
        },
        {
            "currency": "AMB",
            "fullname": "Ambrosus",
            "fullname_zh": null,
            "introduction_zh":
"Ambrosus网络是为供应链设计的基于区块链的生态系统，追踪并确保网络中物品的起源、品
质、规范性和恰当的处理。Ambrosus主要着眼于生活必需品供应链的改进，尤其是食品和药
品，与此同时该协议也可被应用于几乎所有复杂的供应链。",
            "circulation": "144590975",
            "total_circulation": "361477438"
        },
        {
            "currency": "AMM",
            "fullname": "MicroMoney",
            "fullname_zh": null,
            "introduction_zh":
"AMM是一种效用代币。该代币是MicroMoney生态系统的一个组成部分，并且它可用作内部付
款方式或是用于获取MicroMoney的服务。该代币模型的构建使我们的客户想要频繁地使用它
，从而为该代币创造出更高的需求。",
            "circulation": null,
            "total_circulation": "17422798"
        },
        {
            "currency": "ANT",
            "fullname": "Aragon",
            "fullname_zh": "阿拉贡",
            "introduction_zh":
"Aragon是以太坊区块链上的一个可以让任何人创建和管理任意组织（公司、开源项目、非政
府组织NGO、基金会、对冲基金…）的dApp。Aragon
Network（阿拉贡）是一个由代币控制的数字管理组织，专注于为经济增长创造最好的条件。
本质上，Aragon
Network是个可以让任意组织、企业家和投资人高效安全协作，并且没有技术漏洞和恶意参与
方的生态系统。Aragon Network的链上组织将会使用Aragon

Core进行搭建，它是由一个Solidity语言的去中心化自治组织（DAO）和网页端去中心化应用（dApp）组成。一开始，Aragon
Core会专注于资本化的公司类组织，但它的模块化功能也足够适应其他种类的组织。",
                "circulation": "28215645",
                "total_circulation": "39609524"
            },
            {
                "currency": "AOA",
                "fullname": "Aurora",
                "fullname_zh": "极光链",
                "introduction_zh":
"Aurora（AOA）极光链在技术上不断的升级以完成自己的使命：DPOS+BFT共识机制，快速共识基础上最大程度降低分叉风险；P2P立体网络，通过网络分层的方式，实现快如闪电安全通信；独创应用智能隔离技术，
区智能调控，保障应用间互不影响；多链并行，横向扩展的方式多条链并行处理，无限提升TPS；多资产发行，简化资产发行流程，提供和主链币同等级别的处理速度和扩展能力；可升级区块链，全新技术保障在指定的高度自动升级；集群自组，可以使用户在不存储任何区块链数据的情况下，验证交易的真实性降低用户存储成本。Aurora（AOA）极光链致力于提升速度，定位于为应用而生的区块链，解决区块链难题并且保证立即可用。将链接区块链与各个行业，促进应用落地，构建多彩区块链世界。AOA是AOA极光链系统里的代币，是 AOA
极光链系统正常运行的必要保障。AOA用于日常运营、核心团队奖励、社区开发者奖励与生态建设。",
                "circulation": "6542330148",
                "total_circulation": "27380970"
            },
            {
                "currency": "APPC",
                "fullname": "AppCoins",
                "fullname_zh": null,
                "introduction_zh": "AppCoins是App
Stores的开放的分布式协议，采用区块链技术和智能合同。AppCoins
(APPC)代币拥有超过2亿的用户，是应用经济的新通用语言，没有中间商，确保可信度。Aptoide是最大的Android应用商店，拥有40亿的下载数、2亿用户和超过12,000
名开发者（包括Ubisoft和Zeptolab）的直接参与。Aptoide拥有70多个企业合作伙伴，包括OEM和电信公司（如小米、Oppo、魅族和Vivo）。",
                "circulation": "100054312",
                "total_circulation": "246203093"
            },
            {
                "currency": "ARCT",
                "fullname": "ArbitrageCT",
                "fullname_zh": null,
                "introduction_zh": "The
ArbitrageCT是一个在两个交易所之间同时进行自动交易的平台，它汇集了全球所有最大的交易所，以提供获利机会。",
                "circulation": "90313617",
                "total_circulation": "1409184"
            },
            {
                "currency": "ARDR",
                "fullname": "Ardor",
                "fullname_zh": null,

        "introduction_zh":
"阿朵币由阿朵主链产生，是一个运行所有子链和运行所有交易的服务系统。
然而一些交易将在主链运行，像交易阿朵，但很多特性是在主链不可用的，是为了提高主链性
能和减少区块臃肿。因为是100%的POS，不需要矿工也没有新币被创建。",
        "circulation": "998999495",
        "total_circulation": "998999495"
    },
    {
        "currency": "ARK",
        "fullname": "Ark\n",
        "fullname_zh": null,
        "introduction_zh":
"ARK为用户提供创新性的使用案例，通过区块链领域的力量发展和整合科技，具有高度灵活和
适应性强的特点，ARK是一个安全的平台被设计成大规模应用，并向消费者和开发人员提供服
务和需求。\n",
        "circulation": "103048410",
        "total_circulation": "134298410"
    },
    {
        "currency": "ARN",
        "fullname": "Aeron",
        "fullname_zh": null,
        "introduction_zh": "Aeron
的目标是创建"口袋中的航空公司"，一种基于智能区块链的解决方案。飞行员使用飞行员应用
程序进行个人飞行日志录入。公司应用程序则手机和验证源自飞机运营商、维护机构、飞行学
校和固定基地运营商的数据。如果任何Aeron
数据源与空中交通管制、飞行员或运营商之间的数据不匹配，航空当局可以快速检出并排除问
题。",
        "circulation": "13000000",
        "total_circulation": "20000000"
    },
    {
        "currency": "ARP",
        "fullname": "ARP",
        "fullname_zh": "阿普协议",
        "introduction_zh":
"ARP是基于去中心化的区块链数字加密资产，是基于ARP价值协议而发行数字代币。应用于AR
P生态系统里的所有使用场景中。",
        "circulation": "80000000",
        "total_circulation": "2739807"
    },
    {
        "currency": "AST",
        "fullname": "AirSwap",
        "fullname_zh": null,
        "introduction_zh":
"AirSwap是一个点对点交易ERC20代币的去中心化交易平台。代币为AST（AirSwap
Token）。AirSwap通过Index和Oracle两种功能提高代币交易的效率。Index能使交易者们
互相发现交易意愿并建立连接，Oracle能提供报价信息参考帮助双方报价谈判。",
        "circulation": "150000000",
        "total_circulation": "500000000"
    },
    {

```
            "currency": "AT",
            "fullname": "AWARE Token",
            "fullname_zh": "先知币",
            "introduction_zh":
"AWARE先知以"连接人与一切数字资产"为使命，以"好币我先知"为口号，打造全球领先的分
布式区块链项目搜索和社群平台，致力于成为未来数字资产的超级入口。",
            "circulation": "300000000",
            "total_circulation": "2739807"
        },
        {
            "currency": "ATL",
            "fullname": "ATLANT",
            "fullname_zh": null,
            "introduction_zh": "ATLANT
是一个可定制的去中心化系统，建立在以太坊DAO协议基础上。代币是这个平台的核心，简称"
ATL"。",
            "circulation": "37551901",
            "total_circulation": "54175041"
        },
        {
            "currency": "ATM",
            "fullname": "ATMchain",
            "fullname_zh": null,
            "introduction_zh":
"智媒链（AMTChain）是一个智能、可信、开放的数字传媒生态，是区块链技术在数字传媒领
域的创新应用。智媒链使用ATM（Attention Token
Media）代币实现生态内的价值量化和价值流通。智媒链成熟的区块链应用生态，将底层区块
链技术封装成API接口，提供自由接入数字传媒信息，智能合约设定、触发、自动分账、数据
上链、数据查询等各项功能。智媒链以数字传媒广告为核心，基于区块链网络，囊括票务、影
院、文娱、社交、自媒体等行业的数字传媒文化生态，通过传媒屏端口采集丰富的数据，支撑
大数据分析、人工智能分析，进而扩展传媒屏更多交互场景和体验场景，目标是打造一流的数
字传媒文化生态。",
            "circulation": "4660285460",
            "total_circulation": "27380970"
        },
        {
            "currency": "ATMI",
            "fullname": "Atonomi",
            "fullname_zh": null,
            "introduction_zh":
"Atonomi实现了分布式的、稳定安全的基础架构，并创建了一个持续增加网络参与度的系统
。在这个协议中，Atonomi将会用于设备注册、激活、信誉管理等。由于token的激励，预计
OEM
/设备制造商、分销商、设备拥有人和审计师等关键参与者都将会深度参与到Atonomi网络中
。",
            "circulation": "1000000000",
            "total_circulation": "2739807"
        },
        {
            "currency": "ATS",
            "fullname": "Authorship",
            "fullname_zh": null,
```

                "introduction_zh":
"ATS是一个平台，利用以太坊区块链为图书行业提供新的运营模式。寻求缩小作者、读者、出版商和翻译人员之间的差距，创造一个平台让所有参与的人能够分享他们的内容。
ATS令牌将具有多个功能，例如：代币持有者能够使用ATS购买书籍，作者或翻译者可以从中获得每月奖励等。",
                "circulation": "99971428",
                "total_circulation": "275690"
        },
        {
                "currency": "AUC",
                "fullname": "Auctus",
                "fullname_zh": null,
                "introduction_zh":
"AUC令牌的根本目的是提供注重结果，透明和低费用的结构，使人和机器人顾问的兴趣与储户的目标保持一致，并确保透明度。多用途令牌旨在为平台提供动力，并创建一个平衡的生态系统。",
                "circulation": "16697784",
                "total_circulation": "65829658"
        },
        {
                "currency": "AUTO",
                "fullname": "CUBE",
                "fullname_zh": "Q博智能币",
                "introduction_zh":
"CUBE是使用Blockchain技术来保护汽车和自主汽车的网络安全。理所当然，
自主汽车由网络运营，但可能会受到恶意攻击，我们 CUBE 使用Blokchain，
深入学习和量子哈希技术来保护自主汽车的网络。   ",
                "circulation": "6274940000",
                "total_circulation": "7200000000"
        },
        {
                "currency": "AVH",
                "fullname": "AVH",
                "fullname_zh": null,
                "introduction_zh": "AVH（Animation Vision
Cash）是一个分布式内容发布和版权交易平台，以及通过该平台整合形成的成人产业区块链网络体系，也是世界上首个成人产业区块链应用体系。该体系致力于内容创新和改革，为用户和内容生产商提供便捷的沟通渠道。通过整合数字支付、智能合约以及社群互动等技术来维持一个健康的产业生态体系。AVH是通用的平台代币，用户可用AVH支付数字内容交易。",
                "circulation": "5000000000",
                "total_circulation": "27380970"
        },
        {
                "currency": "AVT",
                "fullname": "Aventus",
                "fullname_zh": null,
                "introduction_zh":
"Aventus是基于区块链的活动票务解决方案，公平、安全和透明，有效消除欺诈和不受监管的欺骗行为。协议的代币 Avent（AVT）是实现其经济模型的关键。AVT
可用来奖赏提供价值判断的参与者，例如对活动合法性进行投票、购买门票、推广活动和匹配买家和门票经销商等。",
                "circulation": "6000000",
                "total_circulation": "10000000"

```json
        },
        {
            "currency": "B2G",
            "fullname": "B2G",
            "fullname_zh": null,
            "introduction_zh": null,
            "circulation": null,
            "total_circulation": null
        },
        {
            "currency": "B2X",
            "fullname": "B2X",
            "fullname_zh": null,
            "introduction_zh": null,
            "circulation": null,
            "total_circulation": null
        },
        {
            "currency": "BAIC",
            "fullname": "BAIC",
            "fullname_zh": null,
            "introduction_zh": "BAIC（Blockchain of AI and
IOT）是一个旨在推进物联网及AI之间数据互联、交易结算、智能合约的去中心化区块链技术
平台。BAIC认为，围绕人类生物体征及活动而产生的数据，将替代无差别人类劳动成为未来AI
世界的新价值基准，即AI掌握人类数据越多，拥有财富越多。BAIC的目标就是将AI、数据、
物联网利用BAIC价值链链接在一起，通过智能合约及物权交易，让人类成为真正受益者。",
            "circulation": "11550000000",
            "total_circulation": "57497947"
        },
        {
            "currency": "BANCA",
            "fullname": "Banca",
            "fullname_zh": null,
            "introduction_zh":
"Banca是基于区块链技术构建的新型投资银行社区。我们使用AI和专家系统来实现Banca生
态链的动态和自动管理。利用大数据分析为具有特定需求的各种参与者提供准确的服务。",
            "circulation": "17905181684",
            "total_circulation": "54760040"
        },
        {
            "currency": "BAS",
            "fullname": "BitAsean",
            "fullname_zh": null,
            "introduction_zh":
"东南亚国家联盟（称为东盟）是一个政治和经济组织，主要旨在促进其成员之间的经济增长和
区域稳定。 BitAsean是基于以太坊的令牌。
我们的目标是让BitAsean成为东盟地区的加密货币。",
            "circulation": "5000000",
            "total_circulation": "84037"
        },
        {
            "currency": "BAT",
            "fullname": "Basic Attention Token",
            "fullname_zh": "注意力币",
```

```
            "introduction_zh": "BAT(Basic Attention
Token)是Javascript创始人,Mozilla和Firefox浏览器联合创始人Brendan
Eich创办的一个用于在广告商和用户之间进行流通的数字资产,用于解决浏览器中的广告展示
和用户激励问题。项目基于Brave浏览器开展去中心化数字广告业务,通过零知识证明的运用
保护用户隐私,同时可以使用用户的关注得到回报。Brave浏览器中有一个独特的概念——
注意力。Brave使用ANONIZE算法,能统计用户行为,比如点击什么链接最多,或在哪个网站
停留时间最久。这些行",
            "circulation": "1000000000",
            "total_circulation": "1500000000"
        },
        {
            "currency": "BBC",
            "fullname": "Tradove B2BCoin",
            "fullname_zh": "企业币",
            "introduction_zh":
"解锁企业对基于代币的企业对企业（B2B）营销、销售和交易平台的需求。",
            "circulation": "500000000",
            "total_circulation": "2739807"
        },
        {
            "currency": "BBK",
            "fullname": "Brickblock",
            "fullname_zh": null,
            "introduction_zh": "Brickblock
是首个无缝、透明连接加密货币(crytocurrency)和实物资产的基础设施平台。",
            "circulation": "500000000",
            "total_circulation": "1370853"
        }
    ]
}
```

错误码参照

错误码	说明
107	返回失败,请检查参数是否正确

备注

- 更多返回错误代码请看首页的错误代码描述

4、币种全网价格

币种全网价格

接口地址：**http://open.liupai.net/bitcorn/currencys_market_poll**

返回格式：**JSON,JSONP**

请求方式：**http GET POST**

请求示例：
http://open.liupai.net/bitcorn/currencys_market_poll?unit=&type=&p=¤cys=&appkey=yourappsecret

接口备注：**1**

请求参数说明

参数名	必选	类型	说明
unit	否	string	显示金额单位(默认返回USD)；允许值：
type	是	int	榜单类型：1：市值榜2：涨幅榜3：跌幅榜4：成交额榜5：净流入榜
p	否	int	页数：每页返回20条数据，默认返回排行榜前20
unit	否	string	显示金额单位(默认返回USD)；允许值：
p	否	int	页数；每一页返回50条数据
currencys	是	string	币种，例：BTC
unit	否	string	显示金额单位(默认返回USD)；

返回参数说明

参数名	类型	说明
currency	string	币种名称
fullname	string	币种全称
fullname_zh	string	币种中文名称
price	decimal	全网价格(根据unit返回对应金额)
amount	int	交易量
vol	string	交易额(根据unit返回对应金额)
net_inflow	string	净流入额(根据unit返回对应金额)
market_value	int	市值(根据unit返回对应金额)
change	string	24H全网价格变化(根据unit返回对应金额)
chg	string	24H全网价格涨幅
market_value_change	int	市值变化(USD)

JSON返回示例

```
{

    "status": 200,
    "msg": "OK",
    "result": [
        {
            "currency": "BTC",
            "fullname": "Bitcoin",
            "fullname_zh": "比特币",
            "price": 8853.2002,
            "amount": 683360857,
            "vol": 2827309081,
            "net_inflow": -190270914,
            "market_value": 151210667366,
            "change": -474.6,
            "chg": -0.0512,
            "market_value_change": -8106061215
        }
    ]
}
```

错误码参照

错误码	说明
107	返回失败,请检查参数是否正确

备注

- 更多返回错误代码请看首页的错误代码描述

5、币种24小时内价格走势

币种24小时内价格走势

接口地址：http://open.liupai.net/bitcorn/currency_price_trend

返回格式：**JSON,JSONP**

请求方式：**http GET POST**

请求示例：
http://open.liupai.net/bitcorn/currency_price_trend?unit=&type=&p=¤cys=¤cy=&appkey=yourappsecret

接口备注：**1**

请求参数说明

参数名	必选	类型	说明
unit	否	string	显示金额单位（默认返回USD）；允许值：
type	是	int	榜单类型：1：市值榜2：涨幅榜3：跌幅榜4：成交额榜5：净流入榜
p	否	int	页数：每页返回20条数据，默认返回排行榜前20
unit	否	string	显示金额单位（默认返回USD）；允许值：
p	否	int	页数；每一页返回50条数据
currencys	是	string	币种，例：BTC
unit	否	string	显示金额单位（默认返回USD）；
currency	是	string	币种,例如：BTC、ETH
unit	否	string	显示金额单位（默认USD）

返回参数说明

参数名	类型	说明
yPrice	array	24小时内的价格走势（根据unit返回对应金额）
xtime	array	时间轴

JSON返回示例

```
{
    "status": 200,
    "msg": "OK",
    "result": {
        "yPrice": [
            9250.8,
            9286,
            9284,
            9211.5,
            9150,
            9145.2,
            9060.9,
            9054,
            8973.3,
            8926.5,
            8961.8,
            8968.4,
            8999.1,
            9030.6,
            9026.7,
            8992.9,
            8785.4,
            8781.1,
```

```
        8792.7,
        8785.3,
        8793,
        8793.5,
        8791.8,
        8797.2,
        8830.6
    ],
    "xtime": [
        "16:20",
        "17:20",
        "18:20",
        "19:20",
        "20:20",
        "21:20",
        "22:20",
        "23:20",
        "00:20",
        "01:20",
        "02:20",
        "03:20",
        "04:20",
        "05:20",
        "06:20",
        "07:20",
        "08:20",
        "09:20",
        "10:20",
        "11:20",
        "12:20",
        "13:20",
        "14:20",
        "15:20",
        "16:20",
        "17:20"
    ]
  }
}
```

错误码参照

错误码	说明
107	返回失败,请检查参数是否正确

备注

- 更多返回错误代码请看首页的错误代码描述

6、交易所币种价格

交易所币种价格

接口地址：http://open.liupai.net/bitcorn/currency_symbols_ticker

返回格式：**JSON,JSONP**

请求方式：**http GET POST**

请求示例：
http://open.liupai.net/bitcorn/currency_symbols_ticker?unit=&type=&p=¤cys=¤cy=&appkey=yourappsecret

接口备注：**1**

请求参数说明

参数名	必选	类型	说明
unit	否	string	显示金额单位（默认返回USD）；允许值：
type	是	int	榜单类型：1：市值榜2：涨幅榜3：跌幅榜4：成交额榜5：净流入榜
p	否	int	页数：每页返回20条数据，默认返回排行榜前20
unit	否	string	显示金额单位（默认返回USD）；允许值：
p	否	int	页数；每一页返回50条数据
currencys	是	string	币种，例：BTC
unit	否	string	显示金额单位（默认返回USD）；
currency	是	string	币种,例如：BTC、ETH
unit	否	string	显示金额单位（默认USD）
currency	是	string	币种,例：BTC
unit	否	string	显示金额单位（默认返回USD）

返回参数说明

参数名	类型	说明
exchange_id	int	交易所ID
exchange_name	string	交易所名称
symbol	string	交易对
base	string	交易货币
quote	string	计量货币
quote_price	decimal	计量货币价格（根据unit返回对应金额）

参数名	类型	说明
price	decimal	币种价格（根据unit返回对应金额）
chg	string	24H价格涨幅

JSON返回示例

```
{
    "status": 200,
    "msg": "OK",
    "result": [
        {
            "exchange_id": "2",
            "exchange_name": "bitfinex",
            "symbol": "tBTCUSD",
            "base": "BTC",
            "quote": "USD",
            "quote_price": "6770",
            "price": 6770,
            "chg": -0.0174
        },
        {
            "exchange_id": "2",
            "exchange_name": "bitfinex",
            "symbol": "tBTCEUR",
            "base": "BTC",
            "quote": "EUR",
            "quote_price": "6198.48",
            "price": 6743.3264,
            "chg": -0.0121
        },
        {
            "exchange_id": "2",
            "exchange_name": "bitfinex",
            "symbol": "tBTCGBP",
            "base": "BTC",
            "quote": "GBP",
            "quote_price": "5394.17",
            "price": 6726.9076,
            "chg": -0.0151
        },
        {
            "exchange_id": "2",
            "exchange_name": "bitfinex",
            "symbol": "tBTCJPY",
            "base": "BTC",
            "quote": "JPY",
            "quote_price": "727872",
            "price": 6826.7115,
            "chg": -0.0182
        },
        {
            "exchange_id": "1",
            "exchange_name": "火币pro",
            "symbol": "btcusdt",
```

```json
        "base": "BTC",
        "quote": "USDT",
        "quote_price": "6887.77",
        "price": 6887.77,
        "chg": 0.0045
    },
    {
        "exchange_id": "3",
        "exchange_name": "币安",
        "symbol": "BTCUSDT",
        "base": "BTC",
        "quote": "USDT",
        "quote_price": "8837.42",
        "price": 8837.42,
        "chg": -0.0444
    },
    {
        "exchange_id": "5",
        "exchange_name": "OKEx",
        "symbol": "btc_usdt",
        "base": "BTC",
        "quote": "USDT",
        "quote_price": "8836.5",
        "price": 8836.5,
        "chg": -0.0443
    },
    {
        "exchange_id": "6",
        "exchange_name": "Gate",
        "symbol": "BTC_USDT",
        "base": "BTC",
        "quote": "USDT",
        "quote_price": "8834.28",
        "price": 8834.28,
        "chg": -0.0446
    },
    {
        "exchange_id": "8",
        "exchange_name": "ZB",
        "symbol": "btcusdt",
        "base": "BTC",
        "quote": "USDT",
        "quote_price": "8840.12",
        "price": 8840.12,
        "chg": 0.0132
    },
    {
        "exchange_id": "8",
        "exchange_name": "ZB",
        "symbol": "btcqc",
        "base": "BTC",
        "quote": "QC",
        "quote_price": "63170.5",
        "price": 8872.2336,
        "chg": 0.0111
    },
    {
```

        "exchange_id": "13",
        "exchange_name": "币蛋",
        "symbol": "btc_usdt",
        "base": "BTC",
        "quote": "USDT",
        "quote_price": "5195.87",
        "price": 5195.87,
        "chg": 0.0094
    },
    {
        "exchange_id": "9",
        "exchange_name": "Hitbtc",
        "symbol": "BTCUSD",
        "base": "BTC",
        "quote": "USD",
        "quote_price": "6448.28",
        "price": 6448.28,
        "chg": 0.016
    },
    {
        "exchange_id": "9",
        "exchange_name": "Hitbtc",
        "symbol": "BTCDAI",
        "base": "BTC",
        "quote": "DAI",
        "quote_price": "6301.73",
        "price": 6394.9956,
        "chg": 0.0119
    },
    {
        "exchange_id": "9",
        "exchange_name": "Hitbtc",
        "symbol": "BTCEURS",
        "base": "BTC",
        "quote": "EURS",
        "quote_price": "5858.4",
        "price": 6327.072,
        "chg": -0.002
    },
    {
        "exchange_id": "9",
        "exchange_name": "Hitbtc",
        "symbol": "BTCTUSD",
        "base": "BTC",
        "quote": "TUSD",
        "quote_price": "6454.32",
        "price": 6452.3837,
        "chg": 0.0157
    },
    {
        "exchange_id": "11",
        "exchange_name": "CoinTiger",
        "symbol": "btcusdt",
        "base": "BTC",
        "quote": "USDT",
        "quote_price": "5841.16",
        "price": 5841.16,

```
            "chg": -0.068
        },
        {
            "exchange_id": "12",
            "exchange_name": "FCoin",
            "symbol": "btcusdt",
            "base": "BTC",
            "quote": "USDT",
            "quote_price": "9887.7",
            "price": 9887.7,
            "chg": -0.0211
        },
        {
            "exchange_id": "10",
            "exchange_name": "CoinEx",
            "symbol": "BTCUSDT",
            "base": "BTC",
            "quote": "USDT",
            "quote_price": "8837.34",
            "price": 8837.34,
            "chg": -0.0442
        },
        {
            "exchange_id": "10",
            "exchange_name": "CoinEx",
            "symbol": "BTCBCH",
            "base": "BTC",
            "quote": "BCH",
            "quote_price": "22.32",
            "price": 9789.0163,
            "chg": 0.01
        }
    ]
}
```

错误码参照

错误码	说明
107	返回失败,请检查参数是否正确

备注

- 更多返回错误代码请看首页的错误代码描述

7、24小时成交额(全网资金)

24小时成交额(全网资金)

接口地址: **http://open.liupai.net/bitcorn/currency_vol**

返回格式：**JSON,JSONP**

请求方式：**http GET POST**

请求示例：
http://open.liupai.net/bitcorn/currency_vol?unit=&type=&p=¤cys=¤cy=&appkey=yourappsecret

接口备注：**1**

请求参数说明

参数名	必选	类型	说明
unit	否	string	显示金额单位（默认返回USD）；允许值：
type	是	int	榜单类型：1：市值榜2：涨幅榜3：跌幅榜4：成交额榜5：净流入榜
p	否	int	页数：每页返回20条数据，默认返回排行榜前20
unit	否	string	显示金额单位（默认返回USD）；允许值：
p	否	int	页数；每一页返回50条数据
currencys	是	string	币种，例：BTC
unit	否	string	显示金额单位（默认返回USD）；
currency	是	string	币种,例如：BTC、ETH
unit	否	string	显示金额单位（默认USD）
currency	是	string	币种,例：BTC
unit	否	string	显示金额单位（默认返回USD）
currency	是	string	币种，例：BTC
unit	否	string	显示金额单位（默认返回USD）；允许值

返回参数说明

参数名	类型	说明
exchange	string	交易所名称
exchange_id	int	交易所ID
vol	decimal	交易额（根据unit返回对应金额）

JSON返回示例

```
{
    "status": 200,
    "msg": "OK",
    "result": [
```

```json
    {
        "exchange": "火币pro",
        "exchange_id": "1",
        "vol": 0
    },
    {
        "exchange": "bitfinex",
        "exchange_id": "2",
        "vol": 0
    },
    {
        "exchange": "币安",
        "exchange_id": "3",
        "vol": 703954517
    },
    {
        "exchange": "OKEx",
        "exchange_id": "5",
        "vol": 749906122
    },
    {
        "exchange": "Gate",
        "exchange_id": "6",
        "vol": 18838074
    },
    {
        "exchange": "ZB",
        "exchange_id": "8",
        "vol": 1286381524
    },
    {
        "exchange": "Hitbtc",
        "exchange_id": "9",
        "vol": 0
    },
    {
        "exchange": "CoinEx",
        "exchange_id": "10",
        "vol": 70607091
    },
    {
        "exchange": "CoinTiger",
        "exchange_id": "11",
        "vol": 0
    },
    {
        "exchange": "FCoin",
        "exchange_id": "12",
        "vol": 0
    },
    {
        "exchange": "币蛋",
        "exchange_id": "13",
        "vol": 0
    }
]
```

}

错误码**参照**

错误码	说明
107	返回失败,请检查**参数**是否正确

备注

- 更多返回错误代码请看首页的错误代码描述

8、24小时资金流

24小时资金流

接口地址：**http://open.liupai.net/bitcorn/currency_fund_flow**

返回格式：**JSON,JSONP**

请求方式：**http GET POST**

请求示例：
http://open.liupai.net/bitcorn/currency_fund_flow?unit=&type=&p=¤cys=¤cy=&appkey=yourappsecret

接口备注：**1**

请求**参数**说明

参数名	必选	类型	说明
unit	否	string	显示金额单位（默认返回USD）；允许值：
type	是	int	榜单类型：1：市值榜2：涨幅榜3：跌幅榜4：成交额榜5：净流入榜
p	否	int	页数：每页返回20条数据，默认返回排行榜前20
unit	否	string	显示金额单位（默认返回USD）；允许值：
p	否	int	页数；每一页返回50条数据
currencys	是	string	币种，例：BTC
unit	否	string	显示金额单位（默认返回USD）；
currency	是	string	币种,例如：BTC、ETH

参数名	必选	类型	说明
unit	否	string	显示金额单位(默认USD)
currency	是	string	币种,例:BTC
unit	否	string	显示金额单位(默认返回USD)
currency	是	string	币种, 例:BTC
unit	否	string	显示金额单位(默认返回USD);允许值
currency	是	string	币种, 例:BTC
unit	否	string	显示金额单位(默认返回USD);允许值:

返回参数说明

参数名	类型	说明
exchange	string	交易所名称
exchange_id	int	交易所ID
fund_flow_in	decimal	资金流入(根据unit返回对应金额)
fund_flow_out	decimal	资金流出(根据uinit返回对应金额)
main_fund_flow_in	string	主力净流入(根据unit返回对应金额)
net_inflow	string	净流入(根据unit返回对应金额)

JSON返回示例

```json
{
    "status": 200,
    "msg": "OK",
    "result": [
        {
            "exchange": "币安",
            "exchange_id": "3",
            "fund_flow_in": 324199052,
            "fund_flow_out": 380025018,
            "net_inflow": -55825966,
            "main_fund_flow_in": 1679444
        },
        {
            "exchange": "OKEx",
            "exchange_id": "5",
            "fund_flow_in": 365436590,
            "fund_flow_out": 382616867,
            "net_inflow": -17180276,
            "main_fund_flow_in": 24337929
        },
        {
            "exchange": "Gate",
            "exchange_id": "6",
            "fund_flow_in": 6848050,
            "fund_flow_out": 11911666,
```

```
            "net_inflow": -5063615,
            "main_fund_flow_in": -439281
        },
        {
            "exchange": "ZB",
            "exchange_id": "8",
            "fund_flow_in": 582270688,
            "fund_flow_out": 694964698,
            "net_inflow": -112694010,
            "main_fund_flow_in": -949800
        },
        {
            "exchange": "CoinEx",
            "exchange_id": "10",
            "fund_flow_in": 35476388,
            "fund_flow_out": 34841760,
            "net_inflow": 634628,
            "main_fund_flow_in": 0
        }
    ]
}
```

错误码参照

错误码	说明
107	返回失败,请检查参数是否正确

备注

- 更多返回错误代码请看首页的错误代码描述

9、币种详细评级

币种详细评级

接口地址：**http://open.liupai.net/bitcorn/rating_detail**

返回格式：**JSON,JSONP**

请求方式：**http GET POST**

请求示例：
http://open.liupai.net/bitcorn/rating_detail?unit=&type=&p=¤cys=¤cy=&appkey=yourappsecret

接口备注：**1**

请求参数说明

参数名	必选	类型	说明
unit	否	string	显示金额单位(默认返回USD);允许值:
type	是	int	榜单类型:1:市值榜2:涨幅榜3:跌幅榜4:成交额榜5:净流入榜
p	否	int	页数:每页返回20条数据,默认返回排行榜前20
unit	否	string	显示金额单位(默认返回USD);允许值:
p	否	int	页数;每一页返回50条数据
currencys	是	string	币种,例:BTC
unit	否	string	显示金额单位(默认返回USD);
currency	是	string	币种,例如:BTC、ETH
unit	否	string	显示金额单位(默认USD)
currency	是	string	币种,例:BTC
unit	否	string	显示金额单位(默认返回USD)
currency	是	string	币种,例:BTC
unit	否	string	显示金额单位(默认返回USD);允许值
currency	是	string	币种,例:BTC
unit	否	string	显示金额单位(默认返回USD);允许值:
currency	是	string	币种,例:BTC
unit	否	string	允许值:

返回参数说明

参数名	类型	说明
currency	string	币种简称
fullname	string	币种全称
logo	string	币种logo
issue_price	string	发行价(根据unit返回对应金额)
highest_price	string	最高价(根据unit返回对应金额)
total_circulation	int	总发行量
circulation	int	流通量
cirulation_value	decimal	流通市值(根据unit返回对应金额)
whitepaper	string	白皮书
exchanges	array	上架的交易所
name	string	交易所名称
value	int	交易所ID

参数名	类型	说明
stage	string	项目状态
ico_total	int	Token总量
begin_time	string	ICO开始时间
end_time	string	ICO结束时间
ico_price	decimal	ICO成本
hard_top	string	硬顶
website	string	项目官网
blockchain_site	string	区块站点
introduction_zh	string	区块站点名称
fullname_zh	string	中文名
priority	int	优先级
Standard_consensus	string	标准共识
section	array	标签
all_rating	array	评级
name	string	评测机构名称
param	string	评分等级
circulation_rank	int	市值排名
team	array	团队介绍
avatar	string	图片
name	string	姓名
position	string	职称
intro	string	介绍
event	array	大事件
time	string	发生时间
event->event	string	事件内容
index	array	舆情记录
currency	string	币种
baidu_index	string	百度指数
wechat_index	string	微信指数
steemit_followers	int	steemit粉丝数
reddit_followers	int	reddit粉丝数
medium_followers	int	medium粉丝数
github_commit	int	github commit数
github_star	int	github star数
github_watch	int	github watch数
github_fork	int	github fork数

参数名	类型	说明
facebook_followers	int	facebook粉丝数
twitter_followers	int	twitter粉丝数
telegram_followers	int	telegram粉丝数
time	string	更新时间
price	array	价格
base	string	币种
price	decimal	全网价格（根据unit返回对应金额）
change	string	24H价格变化（根据unit返回对应金额）
chg	string	24H价格涨幅

JSON返回示例

```
{
    "status": 200,
    "msg": "OK",
    "result": {
        "summary": {
            "currency": "BTC",
            "fullname": "Bitcoin",
            "logo":
"https://bidong.lianxueqiu.com/picture/logo/Bitcoin.png",
            "issue_price": "0.0008",
            "highest_price": "20089",
            "total_circulation": "21000000",
            "circulation": "17845437",
            "circulation_value": "161594004608",
            "whitepaper": "http://www.bitcoin.org/bitcoin.pdf",
            "exchanges": [
                {
                    "name": "币蛋",
                    "value": "13"
                },
                {
                    "name": "OKEX",
                    "value": "5"
                },
                {
                    "name": "币安",
                    "value": "3"
                },
                {
                    "name": "Bitfinex",
                    "value": "2"
                },
                {
                    "name": "HuobiPro",
                    "value": "1"
                },
                {
```

                    "name": "ZB网",
                    "value": ""
                }
            ],
            "stage": "已上线",
            "ico_total": "",
            "begin_time": "",
            "end_time": "",
            "ico_price": "",
            "hard_top": "",
            "website": "https://bitcoin.org/",
            "blockchain_site": "https://blockchain.info/",
            "introduction_zh": "比特币（BitCoin）是一种运用SHA-
256算法，链式加密结构，分布式数据库；通过P2P网络传输，社区共识为工作量证明（POW,Proof of
work）的虚拟数字货币。具备公开透明、无法篡改、方便追溯等特点。
\n比特币所采用的这些技术都是目前IT领域很成熟的。最初是由一个叫中本聪（Satoshi
Nakamoto）的极客在2008年发表了一篇名为《比特币：一种点对点式的电子现金系统》（Bitcoin: A Peer-to-Peer Electronic Cash
System）的论文，描述了一种被他称为"比特币"的电子货币及其算法。2009年1月初，他发布了首个比特币软件，并正式启动了比特币金融系统。2010年，他逐渐淡出并将项目移交给比特币社区的其他成员。到目前为止，比特币的创始人"中本聪"的真实身份仍然是个迷，在比特币社区里也不时有人冒称自己是"中本聪"来获取关注。很多社区成员猜测"中本聪"发明比特币的原因是对现有的货币体系不满，政府可以随意滥发货币，容易导致通货膨胀，而通货膨胀其实就是变相抢劫人民财富。所以其希望比特币能够成为全球自由流动、不受政府监管和控制的货币。
\n比特币的发行总量为2100万，每个比特币又可以拆分成100万聪（satoshi）。在2009年1月4日，比特币的创世区块被发掘出来之后，每一个"胜利节点"将获得系统赏金50个比特币，当总量达到1050万时(2100万的50%)，赏金减半为25个。当总量达到1575万(新产出525万，即1050的50%)时，赏金再减半为12.5个，以此循环。这个计算过程就被形象地称为比特币挖矿，货币总量按照设计预定的速率逐步增加，增加速度逐步放缓，并最终在2140年达到2100万个的极限。参与挖矿的节点，被称为"矿工"。"矿工"在挖矿时有一个很重要的指标"难度值"（difficulty），它决定了矿工大约需要经过多少次哈希运算才能产生一个合法的区块。比特币的区块大约每10分钟生成一个，如果要在不同的全网算力条件下，新区块的产生保持这个速率，难度值必须根据全网算力的变化进行调整。简单地说，难度值被设定在无论挖矿能力如何，新区块产生速率都保持在10分钟一个。难度的调整是在每个完整节点中独立自动发生的。每2016个区块，所有节点都会按统一的公式自动调整难度，这个公式是由最新2016个区块的花费时长与期望时长（期望时长为20160分钟即两周，是按每10分钟一个区块的产生速率计算出的总时长）比较得出的，根据实际时长与期望时长的比值，进行相应调整（或变难或变易）。也就是说，如果区块产生的速率比10分钟快则增加难度，比10分钟慢则降低难度。因为其采用独特的"区块链"技术，所以在谈到比特币的时候总是和"区块链"联系在一起。\n在比特币诞生的10年时间里，因为其社区成员的不断努力，使越来越多的人认识到比特币，从最初的2万比特币买一个披萨到现在Bitcoin ATM
取款机在欧美等地遍地开花，比特币的价格也从最初的1美分/个到18年顶点时的2万美金/个。即使不认同比特币本身的科技金融大鳄，也纷纷开始在区块链方面布局。国内的百度，阿里，腾讯，国外的微软，谷歌，Facebook，摩根大通等都早已投身于区块链领域。
随着大众对于比特币以及区块链技术的认知度越来越高，比特币的行情也越来越和区块链技术的发展以及政府对于比特币的宽容程度密切相关，一则关于比特币"SEC"或者"ETF"的相关报道，就可能使比特币的价格达到±20%的波动，也因为这一点，使得很多比特币社区成员发出不同的声音，并开始质疑比特币交易越来越被中心化的大型交易平台所操控，如最著名的"2014

年Mt.Gox交易所事件"（国内通常戏称"门头沟事件"），Mt.Gox交易所因为早期独占比特币交易市场被比特币爱好者熟知。在爆发黑客盗币事件之前，因为虚拟币市场币种稀少，比特币单价较低等因素，Mt.Gox凭借起步较早的优势一度占据全球80%的比特币交易江湖。比特币也因为Mt.Gox交易所的成立彻底盘活了比特币市场。在2011年期间受到了黑客攻击，但是该交易所后来迅速扩张，曾经被盗的损失在强大的现金流面前逐渐不值一提。甚至到2013年，Mt.Gox成为世界上最大的比特币交易所，每日的资金流水过亿美金。战略重心放在快速扩张下的Mt.Gox，公司漏洞逐渐爆发。终于在2014年2月7日，Mt.Gox在资金窟窿不可覆盖的情况下暂停了所有比特币提币服务。Mt.Gox暂停提币的举动轰动了整个币圈，比特币的市价直接跌破800美元的重要关口，随后的一个月里噩耗一个接一个，最终，Mt.Gox在2014年2月28日在东京申请破产保护，之后又在3月9日，在美国申请了破产保护。85万个比特不翼而飞。整个币圈80%的玩家因为Mt.Gox破产事件损失了所有存于交易所的比特币数值。仅仅一个月的时间比特币价格跌幅高达36%。此刻，比特币市场正式进入寒冬季。整个寒冬季维持了两年，两年的时间里比特币市场愈加死沉。交易量和比特币价格都缩至地量。
\nMt.gox将比特币推向第一个顶峰，也给了比特币一记突如其来的重拳。这一拳狠狠的打在了比特币历史上，也锤倒了无数比特币爱好者。门头沟事件让区块链行业遭受了史无前例的巨大质疑。曾经建立起来的去中心化的"共识大厦"在一夜之间猛然崩塌。时至今日，比特币的价格还在受这一事件的影响。在"门头沟事件"之后，大大小小的比特币交易平台如雨后春笋般诞生，中国的"聚币"，"比特币中国"，"比特币交易网"，"云币"，"火币"，"OKCoin"，"币安"，"比特儿"，"中币"，"Fcoin"，"币夫"等，国外的"BitMEX"，"Coinbase"，"Bitfinex"，"Bitstamps"，"bitFlyer"，"Bithumb"，"UPbit"，"Bittrex"，"Gemini"，"Poloniex"，"Coincheck"等数以万计，由于整个加密数字货币市场波动以及激烈竞争影响，时至2019年初，还在各大交易所排行榜上徘徊的只剩下服务较好的"币安"或入行较早的"火币"，"OEX"等寥寥数家，其余的交易所由于94政策影响，交易所迁往国外，国内流量已大不如前，导致很多新用户现在甚至还在为如何购买等因素而无法入场。与交易所同期介入市场的还有另外一门"生意"——矿机，这门生意几乎伴随着比特币的诞生而进化，从最初的电脑主机CPU挖矿到显卡GPU挖矿，再到专为挖矿而优化的ASIC矿机。因算力之争而导致消耗的能源大幅上涨以及算力集中——"矿霸"的产生，也成了比特币不被主流媒体看好的重要原因之一。这其中的佼佼者就是比特大陆的掌门人"吴忌寒"，这家位于中国北京的矿机企业所生产的蚂蚁矿机在算力大战中曾达到过80%以上的市场份额，而比特大陆的矿机价格随着比特币价格水涨船高，在比特币到达2万美金的时候，一台S9的蚂蚁矿机价格甚至高达3万RMB,还一机难求。
\n随着中国大陆的嘉楠耘智以及越来越多的欧美企业加入矿机生产竞争之中，以及币价的回调，目前的矿机价格已经回到3年以前的水平，影响算力之争的因素也从矿机转移到电力成本的竞争。在现金流最集中，竞争最激烈的一级市场各大交易所，以及技术门槛较高的矿机生产，矿池节点建设外，一些退而求其次的开发者则在竞争稍弱的数字货币钱包，行情资讯等领域介入，如老牌钱包"Blockchain"，用户较多的"Bitpay"，"Nano"，"Waves"，"Exodus";国内的"IMtoken"，"Kcash"，"火币钱包"等等。除了提供最基础的链上钱包以外，还提供比特币在全球各大交易所的实时行情，使得整个行业更加"丰满"，而早期进入市场的企业则在行业所能涉及的更多领域提早布局。
\n更多比特币相关新闻资讯，请关注btctrade.com",

                "fullname_zh": "比特币",
                "priority": "2",
                "Standard_consensus": "",
                "Mining_site": "",
                "Wallet_site": "",
                "section": [

```json
                "基础链",
                "金融服务",
                "支付概念"
            ],
            "all_rating": [
                {
                    "name": "大炮评级",
                    "param": "A+"
                },
                {
                    "name": "ONE.TOP",
                    "param": "A+"
                },
                {
                    "name": "TokenInsight",
                    "param": "A"
                },
                {
                    "name": "SPHINX",
                    "param": ""
                },
                {
                    "name": "ICODROPS",
                    "param": ""
                },
                {
                    "name": "火球评级",
                    "param": ""
                },
                {
                    "name": "ICO analysts",
                    "param": ""
                }
            ]
        },
        "circulation_rank": "1",
        "team": [
            {
                "avatar":
"bidong.lianxueqiu.com/picture/avatar/BTC/中本聪.png",
                "name": "中本聪",
                "position": "比特币创始人",
                "intro": "比特币协议及其相关软件Bitcoin-
Qt的创造者，但真实身份未知。中本聪于2008年发表了一篇名为《比特币：一种点对点式的电
子现金系统》（Bitcoin: A Peer-to-Peer Electronic Cash
System）的论文，描述了一种被他称为"比特币"的电子货币及其算法。2009年，他发布了首
个比特币软件，并正式启动了比特币金融系统。2010年，他逐渐淡出并将项目移交给比特币社
区的其他成员。"
            }
        ],
        "event": [
            {
                "time": "2008年11月",
```

                "event": "中本聪（Satoshi
Nakamoto）发表比特币的创世论文：《比特币:一种点对点的现金支付系统》。"
        },
        {
                "time": "2009年01月",
                "event": "比特币网络正式上线，第一个版本开源客户端0.1发布"
        },
        {
                "time": "2010年07月",
                "event": "出现基于GPU挖矿"
        },
        {
                "time": "2010年12月",
                "event": "世界上第一个矿池SlushPool挖出区块"
        },
        {
                "time": "2011年04月",
                "event": "第一个山寨币域名币发布"
        },
        {
                "time": "2011年05月",
                "event": "FPGA比特币采矿硬件被使用"
        },
        {
                "time": "2011年07月",
                "event": "比特币支持安卓手机支付"
        },
        {
                "time": "2013年01月",
                "event": "专用ASIC阿瓦隆比特币矿机问世"
        },
        {
                "time": "2013年02月",
                "event":
"0.80版本发布，完善节点内部管理和网络通信，使比特币能够支持大规模P2P网络"
        },
        {
                "time": "2013年10月",
                "event": "比特币ATM问世"
        },
        {
                "time": "2016年02月",
                "event":
"0.12.0版本发布，包含了比先前版本更有效的各项重要改进"
        },
        {
                "time": "2017年08月",
                "event": "隔离见证被成功激活，比特币的第一个分叉币出现"
        },
        {
                "time": "2018年03月",
                "event": "闪电网络上线比特币主网"

                    },
                    {
                            "time": "2018年12月",
                            "event":
"最新版本0.17.1发布，修复了一些漏洞，并对软件性能有了一些改进"
                    },
                    {
                            "time": "2019年04月",
                            "event":
"下一版本0.18.0预计将在近期发布，更新内容包括新功能、各种bug修复、性能提升以及交
易更新"
                    },
                    {
                            "time": "2020年05月",
                            "event":
"比特币奖励第三次预计减半,区块奖励由12.5个BTC减至6.25BTC，通货膨胀率降低至1.79%
"
                    }
            ],
            "index": [
                    {
                            "currency": "BTC",
                            "baidu_index": "25955",
                            "wechat_index": "33179",
                            "steemit_followers": null,
                            "reddit_followers": "855000",
                            "medium_followers": null,
                            "github_commit": "17353",
                            "github_star": "32344",
                            "github_watch": "3352",
                            "github_fork": "19452",
                            "facebook_followers": "92232",
                            "twitter_followers": "317530",
                            "telegram_followers": "1059",
                            "time": "1528528387"
                    },
                    {
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                            "wechat_index": "123225",
                            "steemit_followers": null,
                            "reddit_followers": "903957",
                            "medium_followers": null,
                            "github_commit": "17801",
                            "github_star": "33234",
                            "github_watch": "3410",
                            "github_fork": "20070",
                            "facebook_followers": "94871",
                            "twitter_followers": "337702",
                            "telegram_followers": "19381",
                            "time": "1531709476"
                    }
            ],
            "price": {
                    "base": "BTC",
                    "price": 8843.5,

```
            "change": -412.2,
            "chg": -0.0445
        }
    }
}
```

错误码参照

错误码	说明
107	返回失败,请检查参数是否正确

备注

- 更多返回错误代码请看首页的错误代码描述

10、币种大户持币信息

币种大户持币信息

接口地址：http://open.liupai.net/bitcorn/currency_holders

返回格式：**JSON,JSONP**

请求方式：**http GET POST**

请求示例：
http://open.liupai.net/bitcorn/currency_holders?unit=&type=&p=¤cys=¤cy=&size=&appkey=yourappsecret

接口备注：**1**

请求参数说明

参数名	必选	类型	说明
unit	否	string	显示金额单位(默认返回USD);允许值:
type	是	int	榜单类型:1:市值榜2:涨幅榜3:跌幅榜4:成交额榜5:净流入榜
p	否	int	页数:每页返回20条数据,默认返回排行榜前20
unit	否	string	显示金额单位(默认返回USD);允许值:
p	否	int	页数;每一页返回50条数据

参数名	必选	类型	说明
currencys	是	string	币种, 例:BTC
unit	否	string	显示金额单位(默认返回USD);
currency	是	string	币种,例如:BTC、ETH
unit	否	string	显示金额单位(默认USD)
currency	是	string	币种,例:BTC
unit	否	string	显示金额单位(默认返回USD)
currency	是	string	币种, 例:BTC
unit	否	string	显示金额单位(默认返回USD);允许值
currency	是	string	币种, 例:BTC
unit	否	string	显示金额单位(默认返回USD);允许值:
currency	是	string	币种, 例:BTC
unit	否	string	允许值:
currency	是	string	币种, 例:BTC
size	否	int	检索大户持币条数

返回参数说明

参数名	类型	说明
rank	int	排名
address	string	地址
quantity	decimal	持有量
per	decimal	百分占比
exchange	string	交易所

JSON返回示例

```
{
    "status": 200,
    "msg": "OK",
    "result": [
        {
            "rank": "1",
            "address": "balance",
            "quantity": "130004.953125",
            "per": "0.007405",
            "exchange": "bitfinex"
        },
        {
            "rank": "2",
            "address": "16ftSEQ4ctQFDtVZiUBusQUjRrGhM3JYwe",
            "quantity": "158779.359375",
            "per": "0.009260",
```

        "exchange": "币安"
    },
    {

        "rank": "3",
        "address": "16rCmCmbuWDhPjWTrpQGaU3EPdZF7MTdUk",
        "quantity": "107203.070312",
        "per": "0.006240",
        "exchange": "bittrex"
    },
    {
        "rank": "4",
        "address": "3Nxwenay9Z8Lc9JBiywExpnEFiLp6Afp8v",
        "quantity": "101848.281250",
        "per": "0.005928",
        "exchange": "bitstamp"
    },
    {
        "rank": "5",
        "address": "3Cbq7aT1tY8kMxWLbitaG7yT6bPbKChq64",
        "quantity": "98042.484375",
        "per": "0.005718",
        "exchange": "火币pro"
    },
    {
        "rank": "6",
        "address": "183hmJGRuTEi2YDCWy5iozY8rZtFwVgahM",
        "quantity": "85947.125000",
        "per": "0.005003",
        "exchange": ""
    },
    {
        "rank": "7",
        "address": "1FeexV6bAHb8ybZjqQMjJrcCrHGW9sb6uF",
        "quantity": "79957.195312",
        "per": "0.004654",
        "exchange": ""
    },
    {
        "rank": "8",
        "address": "18rnfoQgGo1HqvVQaAN4QnxjYE7Sez9eca",
        "quantity": "73600.007812",
        "per": "0.004284",
        "exchange": ""
    },
    {
        "rank": "9",
        "address": "1HQ3Go3ggs8pFnXuHVHRytPCq5fGG8Hbhx",
        "quantity": "69370.117188",
        "per": "0.004038",
        "exchange": ""
    },
    {
        "rank": "10",
        "address": "194DnvmLR2HULRvxUsVag8mn2fm7dA3U2B",
        "quantity": "66612.304688",
        "per": "0.003877",

```
            "exchange": ""
        },
        {
            "rank": "11",
            "address": "1PnMfRF2enSZnR6JSexxBHuQnxG8Vo5FVK",
            "quantity": "66452.078125",
            "per": "0.003868",
            "exchange": ""
        },
        {
            "rank": "12",
            "address": "1AhTjUMztCihiTyA4K6E3QEpobjWLwKhkR",
            "quantity": "66378.812500",
            "per": "0.003864",
            "exchange": ""
        },
        {
            "rank": "13",
            "address": "1DiHDQMPFu4p84rkLn6Majj2LCZZZRQUaa",
            "quantity": "66235.828125",
            "per": "0.003855",
            "exchange": ""
        },
        {
            "rank": "14",
            "address": "1EBHA1ckUWzNKN7BMfDwGTx6GKEbADUozX",
            "quantity": "66233.757812",
            "per": "0.003855",
            "exchange": ""
        },
        {
            "rank": "15",
            "address": "14e7XAZbepQp9MXXzjNG3fNLoAUpaBAXHW",
            "quantity": "66205.476562",
            "per": "0.003853",
            "exchange": ""
        },
        {
            "rank": "16",
            "address": "1PB4xXUFyy4kSNqroCBVaQuCuw9VcN3be4",
            "quantity": "66170.695312",
            "per": "0.003851",
            "exchange": ""
        },
        {
            "rank": "17",
            "address": "18f1yugoAJuXcHAbsuRVLQC9TezJ6iVRLp",
            "quantity": "66163.445312",
            "per": "0.003851",
            "exchange": ""
        },
        {
            "rank": "18",
            "address": "1LdRcdxfbSnmCYYNdeYpUnztiYzVfBEQeC",
            "quantity": "53880.058594",
            "per": "0.003136",
            "exchange": ""
```

```json
    },
    {
        "rank": "19",
        "address": "1JCe8z4jJVNXSjohjM4i9Hh813dLCNx2Sy",
        "quantity": "53000.011719",
        "per": "0.003085",
        "exchange": ""
    },
    {
        "rank": "20",
        "address": "1AC4fMwgY8j9onSbXEWeH6Zan8QGMSdmtA",
        "quantity": "51830.355469",
        "per": "0.003017",
        "exchange": ""
    },
    {
        "rank": "21",
        "address": "12YygZpCEC8VED2oSMQdWCq5xBnHo9ts1Z",
        "quantity": "48500.097656",
        "per": "0.002823",
        "exchange": ""
    },
    {
        "rank": "22",
        "address": "38UmuUqPCrFmQo4khkomQwZ4VbY2nZMJ67",
        "quantity": "44422.382812",
        "per": "0.002586",
        "exchange": ""
    },
    {
        "rank": "23",
        "address": "323ENWgPNZdzsm2d6CzEaPTFrvavn1giv5",
        "quantity": "40055.082031",
        "per": "0.002331",
        "exchange": ""
    },
    {
        "rank": "24",
        "address": "37x6JnDNhbsBw95bvEreB7WHWA74gGR17y",
        "quantity": "40013.914062",
        "per": "0.002329",
        "exchange": ""
    },
    {
        "rank": "25",
        "address": "bc1q9sh6544xls87x7skjzyfhkty4wq7z76vn7qzq9",
        "quantity": "40000.328125",
        "per": "0.002328",
        "exchange": ""
    },
    {
        "rank": "26",
        "address": "33VMRgxXZWgZGmGnGRZ9AEW8bZs8scMiY1",
        "quantity": "39238.640625",
        "per": "0.002284",
        "exchange": ""
    },
```

```json
{
    "rank": "27",
    "address": "3Ap6mixhHLmVtH41YHH94Ut4jBfmqRpzgQ",
    "quantity": "38875.359375",
    "per": "0.002263",
    "exchange": ""
},
{
    "rank": "28",
    "address": "3CqBquEFMYY548fNBz8u2MBw3HKprS3Xft",
    "quantity": "38793.707031",
    "per": "0.002258",
    "exchange": ""
},
{
    "rank": "29",
    "address": "17hf5H8D6Yc4B7zHEg3orAtKn7Jhme7Adx",
    "quantity": "36000.000000",
    "per": "0.002095",
    "exchange": ""
},
{
    "rank": "30",
    "address": "36TEhDpuSJnVbGbBC3kqWd8FiCvX95pir4",
    "quantity": "35611.625000",
    "per": "0.002073",
    "exchange": ""
},
{
    "rank": "31",
    "address": "1MAhRt279uYmVC1dUxKR6dWwEULBJT34Nh",
    "quantity": "34010.011719",
    "per": "0.001980",
    "exchange": ""
},
{
    "rank": "32",
    "address": "32ixB1aXiwgpHGHo27SMRSULajCdc7jq9Q",
    "quantity": "33499.964844",
    "per": "0.001950",
    "exchange": ""
},
{
    "rank": "33",
    "address": "336xGpGweq1wtY4kRTuA4w6d7yDkBU9czU",
    "quantity": "33123.359375",
    "per": "0.001928",
    "exchange": "coincheck"
},
{
    "rank": "34",
    "address": "18tTLso5jaa4XqyTQzo9S6mqhfCsgcufdh",
    "quantity": "32956.507812",
    "per": "0.001918",
    "exchange": ""
},
{
```

```json
        "rank": "35",
        "address": "1EdBvVAVP98zUsz2n8Pereop29y9fUFk2i",
        "quantity": "32841.148438",
        "per": "0.001912",
        "exchange": ""
    },
    {
        "rank": "36",
        "address": "16JNEdbSahSuPFv2rGKgsHoekQsTqEgF8d",
        "quantity": "32795.636719",
        "per": "0.001909",
        "exchange": ""
    },
    {
        "rank": "37",
        "address": "32GxivQN3VKtVEtgsH5uTWfXd5b2LkXyUZ",
        "quantity": "32489.531250",
        "per": "0.001891",
        "exchange": ""
    },
    {
        "rank": "38",
        "address": "1KjcmwEJ2iNkjanGzN4jWauN2Rsdk65GGu",
        "quantity": "31269.582031",
        "per": "0.001820",
        "exchange": ""
    },
    {
        "rank": "39",
        "address": "15yoc6N7nYwUsrw9ya6UUxGLEhUdkg9FDQ",
        "quantity": "31084.832031",
        "per": "0.001809",
        "exchange": ""
    },
    {
        "rank": "40",
        "address": "12ib7dApVFvg82TXKycWBNpN8kFyiAN1dr",
        "quantity": "31000.068359",
        "per": "0.001804",
        "exchange": ""
    },
    {
        "rank": "41",
        "address": "1FrKNGFCqZAV3y3n9HSswoSDX8ExKb2paD",
        "quantity": "30108.476562",
        "per": "0.001752",
        "exchange": ""
    },
    {
        "rank": "42",
        "address": "1GqaihzhS33G4kt7VKJ7UEL1ENaHazRS2k",
        "quantity": "29772.394531",
        "per": "0.001733",
        "exchange": ""
    },
    {
        "rank": "43",
```

```
        "address": "1J2dTQyF4htbBYM3iBobLVJgUgF6zMdSw1",
        "quantity": "29682.851562",
        "per": "0.001728",
        "exchange": ""
    },
    {
        "rank": "44",
        "address": "13NNBop1ETfQQ78gC5q7dU8hXRRPVUwiRG",
        "quantity": "29000.000000",
        "per": "0.001688",
        "exchange": ""
    },
    {
        "rank": "45",
        "address": "12tkqA9xSoowkzoERHMWNKsTey55YEBqkv",
        "quantity": "28151.054688",
        "per": "0.001639",
        "exchange": ""
    },
    {
        "rank": "46",
        "address": "1CFtF5D3Sc3H3yRcwiGh9pvQqmdQFPPd6i",
        "quantity": "27832.714844",
        "per": "0.001620",
        "exchange": ""
    },
    {
        "rank": "47",
        "address": "1JTseLw3XXPYDEM2PDnYt1n3iMqNEpc8qd",
        "quantity": "27683.091797",
        "per": "0.001611",
        "exchange": ""
    },
    {
        "rank": "48",
        "address": "1AdyNzoY6jYQszF6finfrhnLZ3yATnFnae",
        "quantity": "27495.912109",
        "per": "0.001600",
        "exchange": ""
    },
    {
        "rank": "49",
        "address": "3Kzh9qAqVWQhEsfQz7zEQL1EuSx5tyNLNS",
        "quantity": "26263.103516",
        "per": "0.001529",
        "exchange": ""
    },
    {
        "rank": "50",
        "address": "198mmEcqMgmjmi4pXi48hRaZyK5GaPDmJt",
        "quantity": "26215.371094",
        "per": "0.001526",
        "exchange": ""
    },
    {
        "rank": "51",
        "address": "1J7fmT3Wv62u4p6FuwbVJQXhQE3HiH4AQs",
```

```
        "quantity": "25489.093750",
        "per": "0.001484",
        "exchange": ""
    },
    {
        "rank": "52",
        "address": "1G1AndHMczVQYLGfYJzqkDjXrFifpMsTaZ",
        "quantity": "25408.857422",
        "per": "0.001479",
        "exchange": ""
    },
    {
        "rank": "53",
        "address": "1A4WLCaR11ARbib283pnH8jy8s4TJEjjPz",
        "quantity": "25403.380859",
        "per": "0.001479",
        "exchange": ""
    },
    {
        "rank": "54",
        "address": "1JfoBz3smLAFxCMHXw155b4UE9FeYNBvCv",
        "quantity": "25377.722656",
        "per": "0.001477",
        "exchange": ""
    },
    {
        "rank": "55",
        "address": "13cKZYW75zBPuW6xp8Pt5QTWFHQpXosP56",
        "quantity": "25301.796875",
        "per": "0.001473",
        "exchange": ""
    },
    {
        "rank": "56",
        "address": "153yuheqMotbbAxxXc8Ztwx73oSMyAB1wq",
        "quantity": "25272.009766",
        "per": "0.001471",
        "exchange": ""
    },
    {
        "rank": "57",
        "address": "16zwBNCRkyBbTHyX25Fy3wkN44FxZdTy2d",
        "quantity": "25255.757812",
        "per": "0.001470",
        "exchange": ""
    },
    {
        "rank": "58",
        "address": "36png4nUpGkCrYnRXNR4PMSRFEgGadmh8S",
        "quantity": "25160.316406",
        "per": "0.001464",
        "exchange": ""
    },
    {
        "rank": "59",
        "address": "15UM5LKsgR3UyLaTLZkPudU7Joe1JnYWQo",
        "quantity": "25064.410156",
```

```
        "per": "0.001459",
        "exchange": ""
    },
    {
        "rank": "60",
        "address": "12JXuXqTyHiQbXmEMZ9PQ6BJ5SrLo8De2t",
        "quantity": "24139.390625",
        "per": "0.001405",
        "exchange": ""
    },
    {
        "rank": "61",
        "address": "3HZUwxZbYRef9oEuvSvjgVMyZ227Hur7ng",
        "quantity": "24000.470703",
        "per": "0.001397",
        "exchange": ""
    },
    {
        "rank": "62",
        "address": "1AnwDVbwsLBVwRfqN2x9Eo4YEJSPXo2cwG",
        "quantity": "23227.611328",
        "per": "0.001352",
        "exchange": ""
    },
    {
        "rank": "63",
        "address": "34y4eyYK3mUPoys9xz9QSEHKh2RG5iLDuZ",
        "quantity": "23109.636719",
        "per": "0.001345",
        "exchange": ""
    },
    {
        "rank": "64",
        "address": "14eQD1QQb8QFVG8YFwGz7skyzsvBLWLwJS",
        "quantity": "22211.166016",
        "per": "0.001293",
        "exchange": ""
    },
    {
        "rank": "65",
        "address": "16cMtdRsCssvkzFRCZULS66ursnLvBqU4T",
        "quantity": "22200.005859",
        "per": "0.001292",
        "exchange": ""
    },
    {
        "rank": "66",
        "address": "1NDyJtNTjmwk5xPNhjgAMu4HDHigtobu1s",
        "quantity": "22168.076172",
        "per": "0.001290",
        "exchange": ""
    },
    {
        "rank": "67",
        "address": "16FSBGvQfy4K8dYvPPWWpmzgKM6CvrCoVy",
        "quantity": "21752.560547",
        "per": "0.001266",
```

```
            "exchange": ""
        },
        {
            "rank": "68",
            "address": "33VukC9ReF5bkDvPNUTy5j6VEbzMc9JFt3",
            "quantity": "21575.578125",
            "per": "0.001256",
            "exchange": ""
        },
        {
            "rank": "69",
            "address": "1LPNAhzUjRNZqXF2otPH9jb6FXCoZuYu18",
            "quantity": "20330.169922",
            "per": "0.001183",
            "exchange": ""
        },
        {
            "rank": "70",
            "address": "17rm2dvb439dZqyMe2d4D6AQJSgg6yeNRn",
            "quantity": "20008.000000",
            "per": "0.001165",
            "exchange": ""
        },
        {
            "rank": "71",
            "address": "3FiMKffg2kY2Pi2Kebn2HZqN7m6kEcNUMk",
            "quantity": "19935.910156",
            "per": "0.001160",
            "exchange": ""
        },
        {
            "rank": "72",
            "address": "1PeizMg76Cf96nUQrYg8xuoZWLQozU5zGW",
            "quantity": "19414.427734",
            "per": "0.001130",
            "exchange": ""
        },
        {
            "rank": "73",
            "address": "3R1hBCHURkquAjFUv1eH5u2gXqooJkjg4B",
            "quantity": "18899.375000",
            "per": "0.001100",
            "exchange": ""
        },
        {
            "rank": "74",
            "address": "1Cr7EjvS8C7gfarREHCvFhd9gT3r46pfLb",
            "quantity": "17816.914062",
            "per": "0.001037",
            "exchange": ""
        },
        {
            "rank": "75",
            "address": "15xZvLJLAgxh8cxEmAbpx1H35oibHo5cLA",
            "quantity": "16399.798828",
            "per": "0.000955",
            "exchange": ""
```

```json
    },
    {
        "rank": "76",
        "address": "1FaUfrUhv37aqFAZ9ij595587wtnGWBFKS",
        "quantity": "16224.000000",
        "per": "0.000944",
        "exchange": ""
    },
    {
        "rank": "77",
        "address": "37HA84CXA9SbcjY7FSqujMGAFY7mNgKJSo",
        "quantity": "16219.990234",
        "per": "0.000944",
        "exchange": ""
    },
    {
        "rank": "78",
        "address": "18x5Wo3FLQN4t1DLZgV2MoAMWXmCYL9b7M",
        "quantity": "16115.717773",
        "per": "0.000938",
        "exchange": ""
    },
    {
        "rank": "79",
        "address": "1GR9qNz7zgtaW5HwwVpEJWMnGWhsbsieCG",
        "quantity": "15745.554688",
        "per": "0.000916",
        "exchange": ""
    },
    {
        "rank": "80",
        "address": "155fzsEBHy9Ri2bMQ8uuuR3tv1YzcDywd4",
        "quantity": "15619.981445",
        "per": "0.000909",
        "exchange": ""
    },
    {
        "rank": "81",
        "address": "17ywZpKfMjNWxuJaTBhVbGXjmVnJy27FMt",
        "quantity": "15191.285156",
        "per": "0.000884",
        "exchange": ""
    },
    {
        "rank": "82",
        "address": "1CZgCjzXCDuxiwbdUVxmoquD6JWtJ9xT39",
        "quantity": "15000.000000",
        "per": "0.000873",
        "exchange": ""
    },
    {
        "rank": "83",
        "address": "17bdae1GeBFAjj2vxN7wGv75f9GTGGiQ5Q",
        "quantity": "14999.999023",
        "per": "0.000873",
        "exchange": ""
    },
```

```
{
    "rank": "84",
    "address": "1PfceCKGraSPEvx6nfjw5ZCLLy8Ct23Qd5",
    "quantity": "14999.899414",
    "per": "0.000873",
    "exchange": ""
},
{
    "rank": "85",
    "address": "1CMbVZV7xbAiFFauuAf3tgZRhwLKXmMUZL",
    "quantity": "14837.005859",
    "per": "0.000864",
    "exchange": ""
},
{
    "rank": "86",
    "address": "3645N22DDswRxV4BQGbuBrgHCAYUmzcHU6",
    "quantity": "14500.000000",
    "per": "0.000844",
    "exchange": ""
},
{
    "rank": "87",
    "address": "1BZaYtmXka1y3Byi2yvXCDG92Tjz7ecwYj",
    "quantity": "14000.000000",
    "per": "0.000815",
    "exchange": ""
},
{
    "rank": "88",
    "address": "3673hPWJuUkbdf9RRpoSLLtuXMG44FsLng",
    "quantity": "13900.000000",
    "per": "0.000809",
    "exchange": ""
},
{
    "rank": "89",
    "address": "1H82cMM9dzeUmuDfp5GmG6msLAdKfN7uZ7",
    "quantity": "13575.904297",
    "per": "0.000790",
    "exchange": ""
},
{
    "rank": "90",
    "address": "3JL6FwvpGc1rensTJ1bjpP5YtxWUFLpLk8",
    "quantity": "13376.436523",
    "per": "0.000779",
    "exchange": ""
},
{
    "rank": "91",
    "address": "1KX8EPDcziwbGaC7oDHDuKE9SfLWMmmbZy",
    "quantity": "13215.007812",
    "per": "0.000769",
    "exchange": ""
},
{
```

```
        "rank": "92",
        "address": "1GKztam9D8ZWK9GxsNoNZbVSVs9Pk1nAXp",
        "quantity": "13000.051758",
        "per": "0.000757",
        "exchange": ""
    },
    {
        "rank": "93",
        "address": "3HNSiAq7wFDaPsYDcUxNSRMD78qVcYKicw",
        "quantity": "12877.239258",
        "per": "0.000750",
        "exchange": ""
    },
    {
        "rank": "94",
        "address": "1KKiEAkpnQR2FH5kpkGP6442ZDkd6ZdrRS",
        "quantity": "12800.000000",
        "per": "0.000745",
        "exchange": ""
    },
    {
        "rank": "95",
        "address": "1HAn2QW5TtH5vtwwxUs9Jcn4sGtzsyk6vc",
        "quantity": "12418.900391",
        "per": "0.000723",
        "exchange": ""
    },
    {
        "rank": "96",
        "address": "1HBM45n214sV9yXoizBwTksUgEysTPpk46",
        "quantity": "12000.290039",
        "per": "0.000698",
        "exchange": ""
    },
    {
        "rank": "97",
        "address": "13sixi6TGPoWvbi2e93wdQSyJPPN7vNhx3",
        "quantity": "11931.790039",
        "per": "0.000694",
        "exchange": ""
    },
    {
        "rank": "98",
        "address": "15NQthxeLSwMtEaXJFM7YUCf59LzmFjkeH",
        "quantity": "11800.000977",
        "per": "0.000687",
        "exchange": ""
    },
    {
        "rank": "99",
        "address": "1DWxysF7GPRYGShNxL5ux2N2JLRa9rbE6k",
        "quantity": "11411.916992",
        "per": "0.000664",
        "exchange": ""
    },
    {
        "rank": "100",
```

```
            "address": "1923qxU74HWWz75LgWTsPE4FT9Zyd6n6bv",
            "quantity": "11336.841797",
            "per": "0.000660",
            "exchange": ""
        }
    ]
}
```

错误码参照

错误码	说明
107	返回失败,请检查参数是否正确

备注

- 更多返回错误代码请看首页的错误代码描述

11、币种大额转账异动

币种大额转账异动

接口地址：http://open.liupai.net/bitcorn/currency_unusual_trans

返回格式：JSON,JSONP

请求方式：http GET POST

请求示例：
http://open.liupai.net/bitcorn/currency_unusual_trans?unit=&type=&p=¤cys=¤cy=&size=&appkey=yourappsecret

接口备注：1

请求参数说明

参数名	必选	类型	说明
unit	否	string	显示金额单位(默认返回USD);允许值:
type	是	int	榜单类型:1:市值榜2:涨幅榜3:跌幅榜4:成交额榜5:净流入榜
p	否	int	页数:每页返回20条数据, 默认返回排行榜前20
unit	否	string	显示金额单位(默认返回USD);允许值:

参数名	必选	类型	说明
p	否	int	页数；每一页返回50条数据
currencys	是	string	币种，例：BTC
unit	否	string	显示金额单位（默认返回USD）；
currency	是	string	币种,例如：BTC、ETH
unit	否	string	显示金额单位（默认USD）
currency	是	string	币种,例：BTC
unit	否	string	显示金额单位（默认返回USD）
currency	是	string	币种，例：BTC
unit	否	string	显示金额单位（默认返回USD）;允许值
currency	是	string	币种，例：BTC
unit	否	string	显示金额单位（默认返回USD）;允许值:
currency	是	string	币种，例：BTC
unit	否	string	允许值:
currency	是	string	币种，例：BTC
size	否	int	检索大户持币条数
currency	是	int	币种，例：BTC
size	否	int	检索大户持币条数，默认返回100条

返回参数说明

参数名	类型	说明
time	string	交易时间
from_addr	string	转出地址
is_regal	int	1:大户转出 2:大户转入
to_addr	string	转入地址
quantity	decimal	转出量
from_exchange	string	转出交易所
to_exchange	int	转入交易所

JSON返回示例

```
{
    "status": 200,
    "msg": "OK",
    "result": [
        {
            "time": "1553580518",
            "from_addr": "3N7DYDayK12PajtYozQMp69zwgMmrrDoEd",
            "is_regal": "0",
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            },
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                "to_addr": "3Ns28CAqQtCUMhmNy6V7r3LuDrbPj4SWAv",
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            },
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            "quantity": "142.572",
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            "to_addr": "1DNHQDHoW66pV5KSyHkwHgABfNgsNuVytV",
            "quantity": "107",
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            "to_exchange": ""
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            "to_addr": "3Bin5jxhSK9UXNtMqp9x3Z2ZboA1UqxvUQ",
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            "to_addr": "3As7wmJmzLPDdou91qttYQWcaY24grAf7k",
            "quantity": "125.672",
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            "is_regal": "0",
            "to_addr": "3MqPYLtSwcACH2vRNLFwwwupDmoyxEZXrx",
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        "to_addr": "3L9qAGBQLbXkFAB2GpijnJXPScSVjuiJio",
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    },
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        "is_regal": "0",
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        "from_exchange": "",
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        "to_exchange": ""
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        "to_exchange": ""
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        "is_regal": "0",
        "to_addr": "31tWpgFnKF1fKe63dmtjF6H5UR1JgvdwCM",
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        "from_exchange": "",
        "to_exchange": ""
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    {
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        "from_exchange": "",
        "to_exchange": ""
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        "from_exchange": "",

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        "from_exchange": "",
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        "quantity": "108.616",
        "from_exchange": "",
        "to_exchange": ""
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        "from_exchange": "",
        "to_exchange": ""
    },
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        "to_addr": "35292e2F6mBxx1kxCYqVSzvEtqJovYsB37",
        "quantity": "108.444",
        "from_exchange": "",
        "to_exchange": ""
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        "from_addr": "3FfpYQPsc6ME44tKvQ5ThSCHeUG77V6Ed3",
        "is_regal": "0",
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        "from_exchange": "",
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        "is_regal": "0",
        "to_addr": "15ZpWsrK3wE9K4AVSSc2fvLsEpfUmyu1jY",
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        },
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            "from_exchange": "",
            "to_exchange": ""
        },
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            "to_addr": "3MeVcpNYmgBBkmtHWqaiXjmrFsGN7BPzEi",
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            "to_exchange": ""
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            "from_addr": "34tgaQQss3S4Hgnq1d13W1AfrR9GbQaxma",
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            "to_addr": "33ZKWEsGQsuED1iSXXc5QQ2My4r3khi59k",
            "quantity": "101",
            "from_exchange": "",
            "to_exchange": ""
        },
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            "from_addr": "3DdLuhVw8AcSC1uUuNLq5gnFFDtRd2v4Bn",
            "is_regal": "0",
            "to_addr": "39s8W9h9peRBCjtTnvmPdNZtL2TB43Y28v",
            "quantity": "100.586",
            "from_exchange": "",
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        }
    ]
}
```

错误码参照

错误码	说明
107	返回失败,请检查参数是否正确

备注

- 更多返回错误代码请看首页的错误代码描述

12、区块链快讯

区块链快讯

接口地址：http://open.liupai.net/bitcorn/news

返回格式：JSON,JSONP

请求方式：http GET POST

请求示例：
http://open.liupai.net/bitcorn/news?unit=&type=&p=¤cys=¤cy=&size=&page=&appkey=yourappsecret

接口备注：1

请求参数说明

参数名	必选	类型	说明
unit	否	string	显示金额单位(默认返回USD)；允许值：
type	是	int	榜单类型：1：市值榜2：涨幅榜3：跌幅榜4：成交额榜5：净流入榜
p	否	int	页数：每页返回20条数据，默认返回排行榜前20
unit	否	string	显示金额单位(默认返回USD)；允许值：
p	否	int	页数；每一页返回50条数据
currencys	是	string	币种，例：BTC
unit	否	string	显示金额单位(默认返回USD)；
currency	是	string	币种,例如：BTC、ETH
unit	否	string	显示金额单位(默认USD)
currency	是	string	币种,例：BTC
unit	否	string	显示金额单位(默认返回USD)
currency	是	string	币种，例：BTC
unit	否	string	显示金额单位(默认返回USD)；允许值
currency	是	string	币种，例：BTC
unit	否	string	显示金额单位(默认返回USD)；允许值：
currency	是	string	币种，例：BTC

参数名	必选	类型	说明
unit	否	string	允许值：
currency	是	string	币种，例：BTC
size	否	int	检索大户持币条数
currency	是	int	币种，例：BTC
size	否	int	检索大户持币条数，默认返回100条
type	否	string	快讯分类[common_info/chain/currency]
page	否	int	分页

返回参数说明

参数名	类型	说明
title	string	快讯标题
content	string	快讯详情
time	int	发布时间
button	array	相关参数
category	string	快讯类别
name	string	货币名称
param	string	涨幅

JSON返回示例

错误码参照

错误码	说明
107	返回失败,请检查参数是否正确

备注

- 更多返回错误代码请看首页的错误代码描述