

申请 App id 和 App Secret

这一步由 Fox.ONE 完成。需要接入方提供产品名字。

API

签名

1. 生成时间戳和 nonce，时间戳精确到秒，nonce 建议用 uuid.
2. 使用 app id，时间戳和 nonce 构造待签名内容，格式为 appid={app id}&ts={timestamp}&nonce={nonce}
3. 用 hmac 计算上述内容的签名，key 为 app secret，hash 算法为 sha256
4. 最后再 base64 encode 一下

```
// example with Go

h := hmac.New(sha256.New, []byte(secret))
payload := fmt.Sprintf("appid=%s&ts=%d&nonce=%s", appid, ts, nonce)
h.Write([]byte(payload))
sign := base64.StdEncoding.EncodeToString(h.Sum(nil))
```

创建用户

POST <https://api.fox.one/api/broker/register>

Parameters:

| Name | Type | Description |
|-----------|--------|-------------|
| appid | string | app id |
| timestamp | int | timestamp |
| nonce | string | uuid nonce |

| Name | Type | Description |
|----------|--------|----------------------|
| sign | string | sign |
| trace_id | string | unique trace id |
| name | string | user name (optional) |
| avatar | string | avatar (optional) |

trace_id 是这一次创建用户的唯一标示，同一个 trace_id 会一直返回同一个用户的信息

Response

```
{
  "code": 0,
  "data": {
    "expires_in": 5184000, // token 有效期
    "token": "dSw0eVYsZCw0Zyx1LDFnSmF2cQ==.B4MV7RMauEw101wQ0TT70",
    "user": {
      "avatar": "https://www.fox.one/123456.png",
      "fox_id": "f2e6ae4a-97c3-3012-99d8-5a715b0d75bd", // fox u
      "name": "haha"
    }
  }
}
```

登录用户

```
POST https://api.fox.one/api/broker/login
```

Parameters:

| Name | Type | Description |
|-----------|--------|-------------|
| appid | string | app id |
| timestamp | int | timestamp |
| nonce | string | uuid nonce |
| sign | string | sign |

| Name | Type | Description |
|--------|--------|-------------|
| fox_id | string | fox id |

Response

```
{
  "code": 0,
  "data": {
    "expires_in": 5184000,
    "token": "dSw0eVYsZCw0Zyx1LDfNsmF2bQ==.CbkIxhcMqqmTFArCa6TcE",
    "user": {
      "avatar": "https://www.fox.one/123456.png",
      "fox_id": "f2e6ae4a-97c3-3012-99d8-5a715b0d75bd",
      "name": "haha"
    }
  }
}
```

更新用户资料

```
PUT https://api.fox.one/api/broker/user
```

Parameters:

| Name | Type | Description |
|-----------|--------|----------------------|
| appid | string | app id |
| timestamp | int | timestamp |
| nonce | string | uuid nonce |
| sign | string | sign |
| fox_id | string | fox id |
| name | string | user name (optional) |
| avatar | string | avatar (optional) |

Response

```
{
  "code": 0,
  "data": {
    "user": {
      "avatar": "https://www.fox.one/123456.png",
      "fox_id": "f2e6ae4a-97c3-3012-99d8-5a715b0d75bd",
      "name": "haha"
    }
  }
}
```