

[PACKAGE](#) [CLASS](#) [USE](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#)[SUMMARY: NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)`com.joymeter.api`

Class JoymeterApi

`java.lang.Object``com.joymeter.api.JoymeterApi`

```
@Controller
@RequestMapping(value="/user")
public class JoymeterApi
extends Object
```

CJoy平台提供的一些常用的功能接口

`access_token`: 访问token, 有效时间为10分钟

规则：

```
{"client_id":"","datetime":""}
```

`client_id` - 客户编号

`datetime` - 加密时的时间戳

对其进行 RSA 加密

其中密钥：

MFwwDQYJKoZIhvcNAQEBBQADSwAwSAJBAlQeFrVhmHoWYNwPkXFVScpdwsZ/BnVhsUuGGvo

example:

```
{"client_id":"joy000001","datetime":"1470098861509"}
```

加密后Base64输出:

WurZodljRi1Hv4n1yMgftOtn9cDook838uKQ8YXbzmiO/c1ynbz4h3HSEeGmXy6unBJl4HU3H4FJpW

Author:

Joymeter

Constructor Summary

Constructors

Constructor and Description

`JoymeterApi()`

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description	
Result	findReadInfoByDate (String startDate, String endDate, String access_token) 根据时间查询抄表记录 请求地址(POST) : http://122.225.71.66:8787/vlinker/user/findReadInfoByDate.do 请求参数格式示例 : {"startDate":"2016-05-05","endDate":"2016-06-06","access_token":""}	
Result	mbusControlByMeterNo (javax.servlet.http.HttpServletRequest req, String meterNo, String action, String access_token) 根据表号控制继电器 请求地址(POST) : http://122.225.71.66:8787/vlinker/user/mbusControlByMeterNo.do 请求参数格式示例 : {"meterNo":"201603117852","action":"1","access_token":""} meterNo:表号 action:动作(1: 强制开阀 (闸) 0: 强制关阀 (闸))	
Result	readByMeterNo (javax.servlet.http.HttpServletRequest req, String meterNo, String access_token) 根据表号抄表 请求地址(POST) : http://122.225.71.66:8787/vlinker/user/readByMeterNo.do 请求参数格式示例 : {"meterNo":"201603117852","access_token":""} meterNo:表号 如果是多只表,格式为 : = {"meterNo":"201603117852,12341234,56785678"}	
Result	rechargeByMeterNo (String meterNo, Double money, String access_token) 根据表号充值 请求地址 : http://122.225.71.66:8787/vlinker/user/rechargeByMeterNo.do 请求参数格式示例 : {"meterNo":"201603117852","money":100,"access_token":""} meterNo: 表号 money: 充值金额 access_token: 访问token, 有效时间为10分钟	
Result	refundByMeterNo (String meterNo, Double money, String access_token) 根据表号退费 请求地址 : http://122.225.71.66:8787/vlinker/user/refundByMeterNo.do 请求参数格式示例 :	

Result

```
{"meterNo":"201603117852","money":100,"access_token":""}
```

meterNo: 表号

money: 退费金额

```
sendSmsByMeterNo(String meterNo,  
String access_token)
```

根据表号发送短信通知

请求地址(POST) :

http://122.225.71.66:8787/vlinker/user/sendSmsByMeterNo.do

请求参数格式示例 : {"meterNo":"201603117852","access_token":""}

meterNo:表号

Methods inherited from class java.lang.Object

```
equals, getClass, hashCode, notify, notifyAll, toString, wait,  
wait, wait
```

Constructor Detail

JoymeterApi

```
public JoymeterApi()
```

Method Detail

rechargeByMeterNo

```
@RequestMapping(value="/rechargeByMeterNo.do")
```

```
@ResponseBody
```

```
public Result rechargeByMeterNo(@RequestParam(value="meterNo")
```

根据表号充值

请求地址 : http://122.225.71.66:8787/vlinker/user/rechargeByMeterNo.do

请求参数格式示例 : {"meterNo":"201603117852","money":100,"access_token":""}

meterNo: 表号

money: 充值金额

access_token: 访问token, 有效时间为10分钟

Parameters:

meterNo - 充值表号

money - 充值金额

access_token - 访问token

Returns:

返回JSON数据格式 示例: {"status":1,"data":
{"meterNo":"201603117852","money":100,"balance":100}}
status: 0 失败, 1 成功, 2 认证错误
meterNo: 表号
money: 充值金额
balance: 账户余额

refundByMeterNo

```
@RequestMapping(value="/refundByMeterNo.do")  
@ResponseBody  
public Result refundByMeterNo(@RequestParam(value="meterNo")
```

根据表号退费

请求地址 : <http://122.225.71.66:8787/vlinker/user/refundByMeterNo.do>

请求参数格式示例 : {"meterNo":"201603117852","money":100,"access_token":""}

meterNo: 表号

money: 退费金额

Parameters:

meterNo - 退费表号

money - 退费金额

access_token - 访问token

Returns:

返回JSON数据格式 示例: {"status":1,"data":
{"meterNo":"201603117852","money":100,"balance":100}}
status: 0 失败, 1 成功, 2 认证错误
meterNo: 表号
money: 退费金额
balance: 账户余额

mbusControlByMeterNo

```
@RequestMapping(value="/mbusControlByMeterNo.do")  
@ResponseBody  
public Result mbusControlByMeterNo(javax.servlet.http.HttpServletRequest
```

根据表号控制继电器

请求地址(POST) : <http://122.225.71.66:8787/vlinker/user/mbusControlByMeterNo.do>

请求参数格式示例 : {"meterNo":"201603117852","action":"1","access_token":""}

meterNo:表号

action:动作(1: 强制开阀 (闸) o: 强制关阀 (闸))

Parameters:

req - 请求上下文

meterNo - 表号

action - 强制开阀 (闸) / 强制关阀 (闸)

access_token - 访问token

Returns:

返回JSON数据格式

示例: {"status":1,"data":null}

status: 0 失败, 1 成功, 2 认证错误

sendSmsByMeterNo

```
@RequestMapping(value="/sendSmsByMeterNo.do")
```

```
@ResponseBody
```

```
public Result sendSmsByMeterNo(@RequestParam(value="meterNo")
```

根据表号发送短信通知

请求地址(POST) : <http://122.225.71.66:8787/vlinker/user/sendSmsByMeterNo.do>

请求参数格式示例 : {"meterNo":"201603117852","access_token":""}

meterNo:表号

Parameters:

meterNo - 表号

access_token - 访问token

Returns:

返回JSON数据格式 示例: {"status":1,"data":null}

status: 0 失败, 1 成功, 2 认证错误

readByMeterNo

```
@RequestMapping(value="/readByMeterNo.do")
@ResponseBody
public Result readByMeterNo(javax.servlet.http.HttpServletRequest req,
```

根据表号抄表

请求地址(POST) : <http://122.225.71.66:8787/vlinker/user/readByMeterNo.do>

请求参数格式示例 : {"meterNo":"201603117852","access_token":""}

meterNo:表号

如果是多只表,格式为 :={"meterNo":"201603117852,12341234,56785678"}

Parameters:

req - 表请求

meterNo - 表号

access_token -

Returns:

返回JSON数据格式 示例: {"status":1,"data":{"readInfo":

```
[{"info_id":11,"operate_id":"CB20160622174612","user_name":"201603117852"
1 2202",
```

```
"user_address_area":"上", "user_address_community":"
```

```
", "user_address_building":"1 ", "user_address_unit":"1 ",
```

```
"user_address_room":"2202","contact_info":"18967449402","concentrator_nam
表费 ",
```

```
"this_read":1.18,"last_read":1.18,"this_cost":0.0,"last_cost":0.0,"fee_ne
-
```

```
4.54,"exception":"1","fee_status":"1","read_type":"1","pay_remind":null,
```

```
"operator_account":"admin","operate_time":1466588772000,"operate_day":"20
```

```
"data2":0.0,"data3":0.0,"data4":0.0,"data5":0.0,"data6":0.0,"data7":0.0,"
```

```
status: 0 失败, 1 成功, 2 认证错误
```

readInfo: 查 表返回数据

info_id: 记录 号

operate_id: 表编号

user_name: 户

user_address: 户

contact_info: 式

concentrator_name:

meter_no: 表号

fee_type: 费

this_read: 数

last_read: 上 数

this_cost:

last_cost: 上

fee_need: 费

balance: 账户 余

```

exception: 表 (1 成功, 0 失败)
fee_status: 费 (0 失败, 1 , 2 )
read_type: 表 (0 动, 1 动)
pay_remind: 记(1 , 0/null )
operator_account:
operate_time: 表时间
operate_day:
operate_dayTime: 时
meter_type: 表 (10 表, 20 表, 30 表, 40 电表)
data2: ( 表)
data3: 功 ( 表)
data4: ( 表)
data5: ( 表)
data6: 进 ( 表)
data7: 回 ( 表)
data8: 时间 ( 表)
data9: {表 记录 参数, : 电 / }( 表)
totalNo: 查询 记录 数

```

findReadInfoByDate

```

@RequestMapping(value="/findReadInfoByDate.do")
@ResponseBody
public Result findReadInfoByDate(@RequestParam(value="startDate")

```

根据时间查询抄表记录

请求地址(POST) : <http://122.225.71.66:8787/vlinker/user/findReadInfoByDate.do>

请求参数格式示例 : {"startDate":"2016-05-05","endDate":"2016-06-06","access_token":""}

Parameters:

startDate - 查询 时间

endDate - 查询 时间

access_token -

Returns:

返回JSON数据格式

status: 0 失败, 1 成功, 2 认证错误

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

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