微渺科技 HTTP 接口使用文档

版本说明

版本更新履历表				
编号	日期	版本	说明	备注
1	2018.10.26	V1.0	创建初版文档	
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关于 VLink

前言

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1. 实时数据

1）获取实时数据地址

http://192.168.1.88/cgi-bin/userdata.cgi

（192.168.1.88 为需要查询的网关的 ip 地址）

2）调用方式：HTTP post json

3）接口描述：

- 获取此时网关中所有采集点的实时数据

4）示例请求参数：

{″command″:″GetDatavalue″,″StartAddr″:0,″Number″:9}
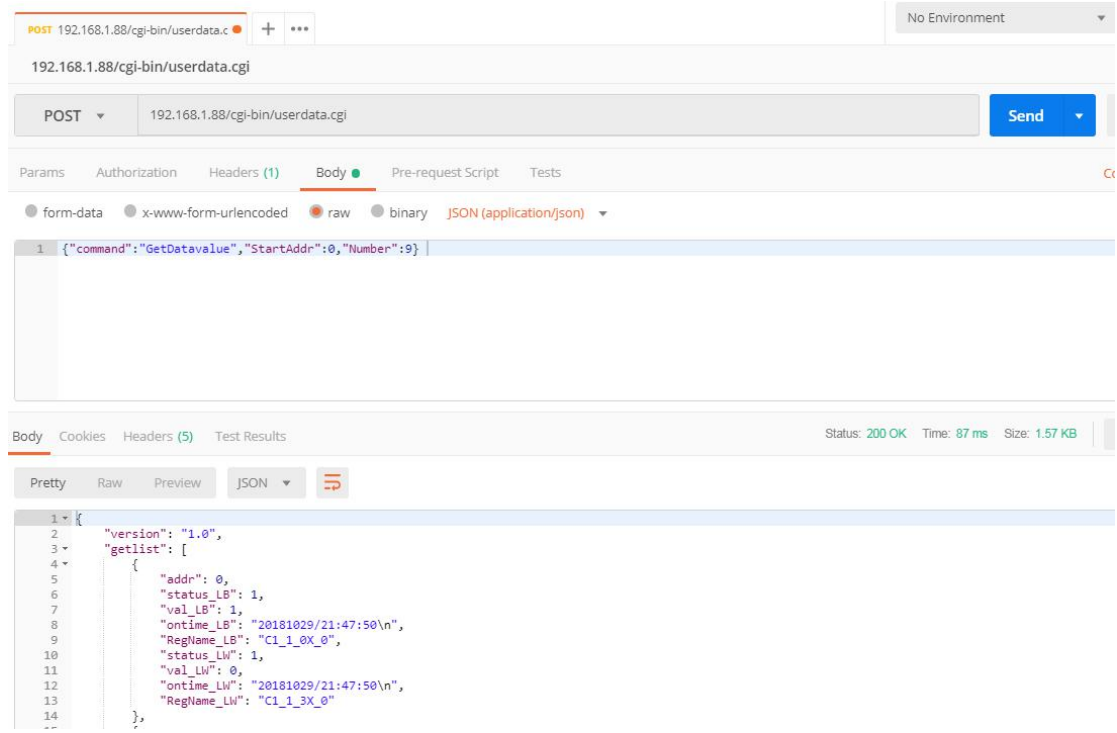
POST 参数：

command: GetDatavalue 读数据指令

StartAddr: 0 读起始地址

Number: 9 读个数

5）请求返回结果：

{"version":"1.0","getlist":[{"addr":0,"status_LB":1,"val_LB":1,"ontime_LB":"20181029/21:47:50\n","RegName_LB":"C1_1_0X_0","status_LW":1,"val_LW":0,"ontime_LW":"20181029/21:47:50\n","RegName_LW":"C1_1_3X_0"},{"addr":1,"status_LB":1,"val_LB":0,"ontime_LB":"20181029/21:47:50\n","RegName_LB":"C1_1_0X_1","status_LW":1,"val_LW":0,"ontime_LW":"20181029/21:47:50\n","RegName_LW":"C1_1_3X_1"},{"addr":2,"status_LB":1,"val_LB":1,"ontime_LB":"20181029/21:47:50\n","RegName_LB":"C1_1_0X_2","status_LW":1,"val_LW":0,"ontime_LW":"20181029/21:47:50\n","RegName_LW":"C1_1_3X_2"},{"addr":3,"status_LB":1,"val_LB":0,"ontime_LB":"20181029/21:47:50\n","RegName_LB":"C1_1_1X_0","status_LW":1,"val_LW":313,"ontime_LW":"20181029/21:47:50\n","RegName_LW":"C1_1_4X_0"},{"addr":4,"status_LB":1,"val_LB":0,"ontime_LB":"20181029/21:47:50\n","RegName_LB":"C1_1_1X_1","status_LW":1,"val_LW":312,"ontime_LW":"20181029/21:47:50\n","RegName_LW":"C1_1_4X_1"},{"addr":5,"status_LB":1,"val_LB":0,"ontime_LB":"20181029/21:47:50\n","RegName_LB":"C1_1_1X_2","status_LW":1,"val_LW":2,"ontime_LW":"20181029/21:47:50\n","RegName_LW":"C1_1_4X_2"},{"addr":6,"status_LB":0,"val_LB":0,"ontime_LB":"","RegName_LB":"","status_LW":0,"val_LW":0,"ontime_LW":"","RegName_LW":""},{"addr":7,"status_LB":0,"val_LB":0,"ontime_LB":"","RegName_LB":"","status_LW":0,"val_LW":0,"ontime_LW":"","RegName_LW":""},{"addr":8,"status_LB":0,"val_LB":0,"ontime_LB":"","RegName_LB":"","status_LW":0,"val_LW":0,"ontime_LW":"","RegName_LW":""}]]}

6）请求返回结果参数说明：

字段名称	类型	必填	备注
version	**string**	**1.0**	**1.0 开始，数据变化版本升级**
getlist	**array**	**{}**	返回的数据集
addr	**int**	（**0-1023**）内存范围	
status_LB/LW	**bool**	**0/1**	**1：有效 0：无效**
val_LB/LW	**bool**	**0/1**	**ON/OFF**
ontime_LB/LW	**string**	**20181029/21:47:50**	最后一次成功刷新时间
RegName_LB/LW	**string**	**C1_1_3X_0**	配方文件中变量名

测试 Postman 截图：

2. 写数据

1）地址

http://192.168.1.88/cgi-bin/userdata.cgi

2）调用方式：HTTP post

3）接口描述：

- 已 json 格式写数据，LB,LW 写入哪个写哪个，不写的不用填
- 例如写地址 2 LB 置 ON{"addr":2,"val_LB":1}
- 例如写地址 3 LB 置 ON LW 值 2{"addr":3,"val_LB":1,"val_LW":2}

5）示例请求参数：

{″command″:″SetDatavalue″,″setlist″:[{″addr″:2,″val_LB″:1}, {″addr″:3, ″val_LB″:1,″val_LW″:2}, {″addr″:4,″val_LW″:1}, {″addr″:5,″val_LW″:2}]}

5）请求返回结果：

{"Result":1,"ReturnMsg":"ok"}

6）请求返回结果参数说明：

{″Result″:″1″,″ReturnMsg″:″″} //0:失败 1:成功

Postman 截图：