# 一、17号线接口

## 一、设备状态

1、单发送一个设备代码

请求的URL：

http://localhost:8080/IWebServer/datasql?t=&callback= &type= &para=

传过来的参数：

type: getDevPoint1、getDevPoint2

 para:{“devcode”:” ZJJ\_1500V\_211”}

 返回的数据:

{"data":[{"pointCode":"ZJJ\_1500V\_211\_JD","pointDesc":"211开关行)当地控制"},{"pointCode":"ZJJ\_1500V\_211\_XCYX","pointDesc":"211开)在工作位"},{"pointCode":"ZJJ\_1500V\_211\_ZDCZQD","pointDesc":"211)功能启动"},{"pointCode":"ZJJ\_1500V\_211\_IDFXTZ","pointDesc":"211开关(下行)IDMT(定时限过流)反向跳闸"}]}

## 二、将上述所有的点代码打包发送过来

 返回的点值不仅有0/1，还有一些模拟量点值，如电压2.1V,电流5.14A等等

请求的URL：

http://localhost:8080/IWebServer/dataserv?t=&callback= &type= &para=

传过来的参数：

type: getDevAllPointsParam

 para:

 {"data":[{},{}]}

 返回的数据: [{},{},{},..]

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## 三、判断就是还是远方

请求的URL：

http://localhost:8080/IWebServer/dataserv?t=&callback= &type= &para=

传过来的参数：

type: judgeJdOrYf

para:

 {"devCode":""}

返回的数据:

{"data":{"pointCode":"QFS\_102A\_LR","val":"远方","pointDesc":"33kV出线1远方控制模式"}}

## 三、设备信息(就是设备参数)

 请求的URL：

http://localhost:8080/IWebServer/datasql?t=&callback= &type= &para=

传过来的参数：

type: getDevParam

 para: {"devcode":"ZXS\_35KV\_HZ2DZC"}

 返回的数据:

 {"devCode":"ZXS\_35KV\_HZ2DZC","devDesc":"35kV赵汇二继电保护定值组C","groupDesc":"赵巷站","devTypeDesc":"定值组"}

## 四、三个牌子的信息

请求的URL：

http://localhost:8080/IWebServer/datasql?t=&callback= &type= &para=

传过来的参数：

type: getTagParam

 para:

 返回的数据:

 {"data":[{"tagId":"1","tagDesc":"检修牌","appMask":"48","symbolCode":"Check.bmp","colorNo":"16711680"},{"tagId":"2","tagDesc":"接地牌","appMask":"36","symbolCode":"Check.bmp","colorNo":"16711680"},{"tagId":"3","tagDesc":"地刀","appMask":"1","symbolCode":"Check.bmp","colorNo":"16711680"}]}

## 五、挂摘牌

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

传过来的参数：

type: tagControl

para: {"szUserCode":"OCC\_ADMIN","nObjType":"","szDeviceCode":"","nTagType":"","szTagPos":"","nOperationType":""}

解释上面的para：

szUserCode是当前登录用户;nObjType是devtypeID的值;szPointCode表示点代码;nTagType是tagID;szTagPos表示牌显示的位置:0正中,1上,2下,3左中,4右中,5左上,6右上,7左下,8右下;nOperationType表示0为挂牌,1为摘牌

返回的数据: Int值

0表示

1表示

-1表示ice服务器未响应，表示出错

## 六、一键清闪单个

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

传过来的参数：

type: clearFlashing

para:{"szUserCode":"OCC\_ADMIN","szTableName":"","szPointCode":""}

解释上面的para：

szUserCode是当前登录用户;szTableName的参数有两个：遥测用analog、遥信用digital;szPointCode是设备的点代码（后缀为设备代码\_ZT）

返回的数据: Int值

0表示

1表示

-1表示ice服务器未响应，表示出错

## 七、一键清闪多个

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

传过来的参数：

type: clearAllFlashing

para: {"szUserCode":"","nNum":,"PointList":[{"PointCode":"","TableName":""},{"PointCode":"","TableName":""},{"PointCode":"","TableName":""}]}

解释上面的para：

szUserCode是当前登录用户;nNUM表示要清除闪烁的设备个数;clearList是设备数组，里面的每个json对象都是一个设备的点代码搭配上一个szTableName，szTableName值的选择同单个清闪

返回的数据: Int值

0表示

1表示

-1表示ice服务器未响应，表示出错

## 八、人工置位

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

传过来的参数：

type: manualEntry

para: {"szUserCode":"OCC\_ADMIN","szTableName":"digital","szPointCode":"ELZ\_1500V\_211\_ZT","DataType":"0","nOperationType":"1","nLockAna":"0"}

解释上面的para：

szUserCode是当前登录用户;szTableName的参数有两个：遥测用analog、遥信用digital;szPointCode是设备的点代码，该点代码是设备代码\_ZT;DataType有0-10这11个值可以选择;nOperationType;nLockAna默认是0

返回的数据: Int值

0表示

1表示

-1表示ice服务器未响应，表示出错

## 九、复归查询

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getPointFG

para:

{"devcode":"ELZ\_35KV\_DL1DLQ"}

返回的数据:

{"data":[{"f4009\_POINTDESC":"1号电力变35kV故障信号复归 ","f4011\_CTRLACTION":1,"f4011\_CTRLVALUE":1,"f4011\_POINTCODE":"ELZ\_35KV\_DL1DLQ\_GZFG ","f4025\_STATEDESC":"复归 "}]}

## 十、定值查询

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getPointDZ

para:

{"devcode":"CYB\_12UDZ"}

返回的数据:

{"data":[{"f4009\_POINTDESC":"出线12U漕盈一定值组1投入 ","f4011\_CTRLACTION":1,"f4011\_CTRLVALUE":0,"f4011\_POINTCODE":"CYB\_12UDZ\_TQ ","f4025\_STATEDESC":"定值1投入 "},{"f4009\_POINTDESC":"出线12U漕盈一定值组1投入 ","f4011\_CTRLACTION":1,"f4011\_CTRLVALUE":1,"f4011\_POINTCODE":"CYB\_12UDZ\_TQ ","f4025\_STATEDESC":"定值2投入 "}]}

## 十一、针对EMCS中设备控制和设备调节页面的展示

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getTDPointDesc

para:

{"points":[{"id":"PLR\_HPF\_II1\_CON","val":"1"},{"id":"PLR\_HPF\_II1\_COFF","val":"1"}],"devcode":"PLR\_HPF\_II1"}

返回的数据:

{"ctrl":[{"pointCode":"PLR\_HPF\_II1\_CON","desc":"运行"},{"pointCode":"PLR\_HPF\_II1\_COFF","desc":"停止"}],"regulate":[{"pointCode":"PLR\_HPF\_II1\_CHZ","units":" ","measTypeDesc":"频率","val":"0.00"}]}

## 十二、程序控制卡片关于序控表和序控步骤表的查询

请求的URL：

http:// 192.168.2.148:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getGroupXK

para: 无

返回的数据格式如下:

{"Xk":[{"groupCode":"","trainName":"","trainDesc":""}],

"XkStep":[{"trainName":"","condition":0,"ctrlPoint":"","pointDesc":"","ctrlType":0,"delay":0,"expectSts":0,"expectVal":0,"stepNo":0},{"trainName":"","condition":0,"ctrlPoint":"","ctrlType":0,"delay":3,"expectSts":1,"expectVal":2,"stepNo":1}]}

## 十三、单个DI点所有信息查询

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getSinglePoint

para:

{"pointCode":"PLR\_TK\_FP1\_I2\_OFF"}

返回的数据:

{"基本信息":{"点代码":"PLR\_TK\_FP1\_I2\_OFF","描述":"电动排烟防火阀TK/FP1-I2闭状态","组名称":"蟠龙路站","设备名称":"PLR\_TK\_FP1\_I2","点类型":"量测点","权限区域":"环控－车站","禁止人工输入标志":"否","追忆标志":"否","追忆组号":0,"间隔\\区域号":"OCC防火分区2(1F)","正常状态":0,"变位次数限":0,"缺省值":0,"系统":"环控","量测类型":"开"},"报警参数":{"报警优先级":"事项","报警许可点":"","报警图":""},"工程转换":{"控制标志":"是","双位点标志":"单位DI","取反标志":"否","判事故方式":"不判事故","事故跳闸次数限":0},"IO参数":{"采集RTU":"蟠龙路站EMCSRTU","采集序号1":232,"采集序号2":-1}}

**十三、 定值查询**

**十四、 复归查询**

## 十四、历史查询

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getHisData

para:

{"dateFrom":"1589447617","dateTo":"1589447617","Page":"","num":"200","almPrio":[{"arrayPrio":"1"}],"appSysId":"2","groupName":"ELZ","devType":"4","almClass":[{"arrayClass":"DigStd"},{"arrayClass":"DigAlmOnly"}]}

返回的数据:

{"count":14,"currentPage":1,"sumPage":1,"data":[{"产生时间":"2020-05-14 17:13:37.857","车站":"东方绿舟站","系统":"电力","优先级":"一级报警","状态":"未恢复","事件类型":"异常变位报警","报警描述":"400V分段开关 合","确认时间":null,"恢复时间":null,"人员":""},{"产生时间":"2020-05-14 17:13:37.857","车站":"东方绿舟站","系统":"电力","优先级":"一级报警","状态":"未恢复","事件类型":"异常变位报警","报警描述":"400V分段开关保护跳闸 动作","确认时间":null,"恢复时间":null,"人员":""},{"产生时间":"2020-05-14 17:13:37.857","车站":"东方绿舟站","系统":"电力","优先级":"一级报警","状态":"未恢复","事件类型":"异常变位报警","报警描述":"2号电力变400V开关 合","确认时间":null,"恢复时间":null,"人员":""},{"产生时间":"2020-05-14 17:13:37.857","车站":"东方绿舟站","系统":"电力","优先级":"一级报警","状态":"未恢复","事件类型":"异常变位报警","报警描述":"2号电力变400V开关保护跳闸 动作","确认时间":null,"恢复时间":null,"人员":""},{"产生时间":"2020-05-14 17:13:37.857","车站":"东方绿舟站","系统":"电力","优先级":"一级报警","状态":"未恢复","事件类型":"异常变位报警","报警描述":"1号电力变400V开关 合","确认时间":null,"恢复时间":null,"人员":""},{"产生时间":"2020-05-14 17:13:37.857","车站":"东方绿舟站","系统":"电力","优先级":"一级报警","状态":"未恢复","事件类型":"异常变位报警","报警描述":"1号电力变400V开关保护跳闸 动作","确认时间":null,"恢复时间":null,"人员":""},{"产生时间":"2020-05-14 17:13:37.449","车站":"东方绿舟站","系统":"电力","优先级":"一级报警","状态":"未恢复","事件类型":"异常变位报警","报警描述":"35kV分段自投跳2#进线动作 开","确认时间":null,"恢复时间":null,"人员":""},{"产生时间":"2020-05-14 17:13:37.449","车站":"东方绿舟站","系统":"电力","优先级":"一级报警","状态":"未恢复","事件类型":"异常变位报警","报警描述":"35kV分段自投跳1#进线动作 开","确认时间":null,"恢复时间":null,"人员":""},{"产生时间":"2020-05-14 17:13:37.449","车站":"东方绿舟站","系统":"电力","优先级":"一级报警","状态":"未恢复","事件类型":"异常变位报警","报警描述":"35kV分段自投合分段动作 开","确认时间":null,"恢复时间":null,"人员":""},{"产生时间":"2020-05-14 17:13:37.449","车站":"东方绿舟站","系统":"电力","优先级":"一级报警","状态":"未恢复","事件类型":"异常变位报警","报警描述":"35kV分段零流跳闸 动作","确认时间":null,"恢复时间":null,"人员":""},{"产生时间":"2020-05-14 17:13:37.449","车站":"东方绿舟站","系统":"电力","优先级":"一级报警","状态":"未恢复","事件类型":"异常变位报警","报警描述":"35kV分段馈线开关失灵跳闸 动作","确认时间":null,"恢复时间":null,"人员":""},{"产生时间":"2020-05-14 17:13:37.449","车站":"东方绿舟站","系统":"电力","优先级":"一级报警","状态":"未恢复","事件类型":"异常变位报警","报警描述":"35kV分段过流跳闸 动作","确认时间":null,"恢复时间":null,"人员":""},{"产生时间":"2020-05-14 17:13:37.244","车站":"东方绿舟站","系统":"电力","优先级":"一级报警","状态":"未恢复","事件类型":"异常变位报警","报警描述":"212开关(上行)状态 分","确认时间":null,"恢复时间":null,"人员":""},{"产生时间":"2020-05-14 17:13:37.244","车站":"东方绿舟站","系统":"电力","优先级":"一级报警","状态":"未恢复","事件类型":"异常变位报警","报警描述":"211开关(下行)状态 分闸","确认时间":null,"恢复时间":null,"人员":""}]}

Page：表示需要第几页的数据，例如：传1表示需要第一页的数据，传2表示需要第2页的数据

almPrio:表示优先级

groupName:表示表示站名

devType:表示设备类型

almClass:表示事件类型

appSysId:表示系统

## 十五、历史查询之获取所有的条数和页数

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getHisDataCount

para: {"dateFrom":"1589447617","dateTo":"1589447617","num":"200","almPrio":[{"arrayPrio":"1"}],"appSysId":"2","groupName":"ELZ","devType":"4","almClass":[{"arrayClass":"DigStd"},{"arrayClass":"DigAlmOnly"}]}

返回的数据:

{"count":374601,"sumPage":1874}

## 十六、历史查询之站名列表

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getGroupName

para: 不需要

返回的数据:

{"data":[{"groupName":"Line17","desc":"17号"},{"groupName":"ELZ","desc":"东方绿舟站"},{"groupName":"ZJJ","desc":"朱家角站"},{"groupName":"DSH","desc":"淀山湖大道站"},{"groupName":"CYR","desc":"漕盈路站"},{"groupName":"QPS","desc":"青浦新城站"},{"groupName":"HJR","desc":"汇金路站"},{"groupName":"ZXS","desc":"赵巷站"},{"groupName":"JSR","desc":"嘉松中路站"},{"groupName":"NXJ","desc":"徐泾北城站"},{"groupName":"XYR","desc":"徐盈路站"},{"groupName":"PLR","desc":"蟠龙路站"},{"groupName":"NBL","desc":"诸光路站"},{"groupName":"ZDB","desc":"沪青平混合变"},{"groupName":"XJT","desc":"徐泾车辆段"},{"groupName":"ZJT","desc":"朱家角停车场"},{"groupName":"XJB","desc":"轨交徐泾主变"},{"groupName":"CYB","desc":"轨交漕盈主变"},{"groupName":"OCB","desc":"控制中心办公楼"},{"groupName":"OCC","desc":"控制中心"}]}

## 十七、历史查询之优先级

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getAlmPrio

para: 不需要

返回的数据:

{"data":[{"almPrio":1,"desc":"一级报警"},{"almPrio":2,"desc":"二级报警"},{"almPrio":3,"desc":"三级报警"},{"almPrio":4,"desc":"四级报警"},{"almPrio":5,"desc":"五级报警"},{"almPrio":10,"desc":"事项"},{"almPrio":9,"desc":"正常报警"}]}

## 十八、历史查询之事件类型

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getAlmClass

para: 不需要

返回的数据:

{"data":[{"almClass":"BreakStd","desc":"开关异常变位报警"},{"almClass":"SoeAcs","desc":"门禁事项"},{"almClass":"ChangeChannel","desc":"通道切换"},{"almClass":"ChannelState","desc":"通道"},{"almClass":"Control","desc":"遥控"},{"almClass":"DIG","desc":"数字量变位报警"},{"almClass":"DigAlmOnly","desc":"变位报警"},{"almClass":"Fire","desc":"火警"},{"almClass":"HisAlm","desc":"编辑日志"},{"almClass":"EditRight","desc":"权限参数编辑"},{"almClass":"EditAudit","desc":"审计参数编辑"},{"almClass":"HisData","desc":"编辑历史数据"},{"almClass":"Incident","desc":"事故跳闸报警"},{"almClass":"InhibEnbl","desc":"禁止报警"},{"almClass":"LIM","desc":"模拟量越限报警"},{"almClass":"LOG","desc":"提示事项"},{"almClass":"Loginout","desc":"登入登出"},{"almClass":"Mode","desc":"模式事件"},{"almClass":"ChgLimits","desc":"限值修改"},{"almClass":"NormState","desc":"正常状态设置"},{"almClass":"AckAlm","desc":"确认实时报警"},{"almClass":"DelAlm","desc":"删除实时报警"},{"almClass":"Pdr","desc":"启动追忆"},{"almClass":"NodeStatus","desc":"节点事件"},{"almClass":"PipeStatus","desc":"管道事件"},{"almClass":"ProcessStatus","desc":"进程事件"},{"almClass":"OPR","desc":"调度员操作事项"},{"almClass":"Rdb","desc":"实时库"},{"almClass":"DigStd","desc":"异常变位报警"},{"almClass":"Pat","desc":"巡更"},{"almClass":"Chatter","desc":"变化次数越限报警"},{"almClass":"Replace","desc":"代路"},{"almClass":"RocLim","desc":"模拟量跳变越限报警"},{"almClass":"RtuState","desc":"RTU"},{"almClass":"SoeAlmOnly","desc":"正常SOE"},{"almClass":"SoeStd","desc":"异常SOE"},{"almClass":"SrvChange","desc":"应用服务器切换"},{"almClass":"SrvStatus","desc":"应用服务器启动"},{"almClass":"Tag","desc":"标志牌"},{"almClass":"ActDeact","desc":"人工置入"},{"almClass":"AnaLim","desc":"模拟量越限报警"},{"almClass":"NetStatus","desc":"网络事件"},{"almClass":"SetCount","desc":"设置变位次数"}]}

## 十九、历史查询之设备类型

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getDev

para: 不需要

返回的数据:

{"data":[{"devType":28,"desc":"垂直电梯"},{"devType":29,"desc":"开关"},{"devType":30,"desc":"蓄电池"},{"devType":31,"desc":"UPS"},{"devType":32,"desc":"传感器"},{"devType":40,"desc":"探测器"},{"devType":41,"desc":"模块"},{"devType":42,"desc":"主机控制器"},{"devType":43,"desc":"卷帘门"},{"devType":50,"desc":"屏蔽门"},{"devType":141,"desc":"工作站"},{"devType":6,"desc":"电容器"},{"devType":212,"desc":"天窗充气膜"},{"devType":7,"desc":"电抗器"},{"devType":53,"desc":"端门"},{"devType":54,"desc":"防淹门"},{"devType":55,"desc":"人防门"},{"devType":60,"desc":"门禁门"},{"devType":61,"desc":"门禁控制器"}]}

## 二十、历史查询之系统

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getSys

para: 不需要

返回的数据:

{"data":[{"appSysId":0,"desc":"NULL"},{"appSysId":13,"desc":"系统"},{"appSysId":1,"desc":"任务管理"},{"appSysId":2,"desc":"电力"},{"appSysId":3,"desc":"环控"},{"appSysId":4,"desc":"照明"},{"appSysId":5,"desc":"消防"},{"appSysId":6,"desc":"门禁"},{"appSysId":7,"desc":"屏蔽门"},{"appSysId":8,"desc":"售检票"},{"appSysId":9,"desc":"信号"},{"appSysId":10,"desc":"闭路电视"},{"appSysId":11,"desc":"广播"},{"appSysId":12,"desc":"乘客导向"}]}

## 二十一、PA系统之获取PA区域

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getBayAreaPA

para: 不需要

返回的数据:

[{"bayAreaCode":"BAY\_PA\_1","bayAreaDesc":"PA上行","assignMent":1},{"bayAreaCode":"BAY\_PA\_2","bayAreaDesc":"PA下行","assignMent":2},{"bayAreaCode":"BAY\_PA\_3","bayAreaDesc":"PA站厅","assignMent":3},{"bayAreaCode":"BAY\_PA\_4","bayAreaDesc":"PA办公","assignMent":4},{"bayAreaCode":"BAY\_PA\_5","bayAreaDesc":"PA出入口","assignMent":5}]

assignMent：子区域

## 二十二、PA和PIS的控制优先级(已经被授权服务器的接口九代替：getroleplevel)

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getPAandPISPLevel

para: {“roleName”:” Admin”}

返回的数据:

{"PISPLevel":1,"PAPLevel":0}

PISPLevel:表示PIS的控制优先级

PAPLevel:表示PA的控制优先级

## 二十三、CCTV系统之获取区域

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getBayAreaCCTV

para: 不需要

返回的数据:

[{"bayAreaCode":"BAY\_CCTV\_1","bayAreaDesc":"CCTV上行","bayAreaNo":123,"assignMent":1},{"bayAreaCode":"BAY\_CCTV\_2","bayAreaDesc":"CCTV下行","bayAreaNo":124,"assignMent":2},{"bayAreaCode":"BAY\_CCTV\_3","bayAreaDesc":"CCTV站厅","bayAreaNo":125,"assignMent":3},{"bayAreaCode":"BAY\_CCTV\_4","bayAreaDesc":"CCTV办公楼","bayAreaNo":126,"assignMent":4}]

上述部分数据解释：

bayAreaNo 区域号

assignMent 子区域

## 二十四、CCTV系统之获取车站CCTV

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getCCTVPoint

para: {“groupCode”:”ELZ”,”bayAreaNo”:””}

返回的数据:

[{"pointCode":"ELZ\_C\_DF\_01","pointDesc":"(17)绿洲区间1球"},{"pointCode":"ELZ\_C\_DF\_04","pointDesc":"(17)绿洲区间2球"},{"pointCode":"ELZ\_C\_DF\_05","pointDesc":"(17)绿洲区间3球"},{"pointCode":"ELZ\_C\_DF\_06","pointDesc":"(17)绿洲区间4球"},{"pointCode":"ELZ\_C\_DF\_07","pointDesc":"(17)绿洲区间5球"},{"pointCode":"ELZ\_C6\_4","pointDesc":"(17)绿洲2#厅公区1球"}]

## 二十五、CCTV系统之摄像头列表的增删改查

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: occ\_CrudCameraList

para: 具体如下

type值为1表示进行查找操作

 此时的para为：{“type”:1,”ptzPLevel”:}

 2表示进行修改名称操作

 此时的para为：{“type”:2,”pointCode”:””,”desc”:””}

 3表示进行插入前先发送点代码查询判断是否已经存在于表中

此时的para为：{“type”:3,”pointCode”:””}

 4表示进行增加摄像头操作

此时的para为：{“type”:4,”pointCode”:””,”desc”:””,”ptzPLevel”:}

 5表示进行删除操作

此时的para为：{“type”:5,” pointCode”:””}

返回的数据:

1. 当type值为1：

[{"pointCode":"ELZ\_C1\_1","desc":"东方绿舟站 (17)绿洲1#台楼梯"},{"pointCode":"ELZ\_C1\_2","desc":"东方绿舟站 (17)绿洲1#台公区球"},{"pointCode":"ELZ\_C1\_3","desc":"东方绿舟站 (17)绿洲2#台楼梯1"}]

1. 当type值为2：

1表示更新成功，不存在更新失败的情况

1. 当type值为3：

返回1表示不存在，可以进行插入操作；返回0表示已经存在，不能进行插入

1. 当type值为4：

1表示插入成功，不存在更新失败的情况

1. 当type值为5：

1表示删除成功，不存在删除失败的情况

## 二十六、CCTV系统之场景列表的增删改查

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: occ\_CrudSceneList

para: 具体如下

type值为1表示进行查找操作

 此时的para为：{“type”:1,”ptzPLevel”:}

 2表示进行修改名称操作

 此时的para为：{“type”:2,”desc”:””,”no”:}

 3表示进行插入操作

此时的para为：

{“type”:3,

”screen”: ,

”ptzPLevel”: ,

”desc”:””,

”keepScreen”:[{“groupCode”:””,”cameraCode”:””},

{“groupCode”:””,”cameraCode”:””},

{“groupCode”:””,”cameraCode”:””},

{“groupCode”:””,”cameraCode”:””},

{“groupCode”:””,”cameraCode”:””},

{“groupCode”:””,”cameraCode”:””},

{“groupCode”:””,”cameraCode”:””},

{“groupCode”:””,”cameraCode”:””}

]}

 keepScreen数组中要固定放入8个json对象

 4表示进行删除操作

此时的para为：{“type”:4,”no”: }

返回的数据:

1. 当type值为1：

[{"desc":"场景收藏1","no":161},{"desc":"场景收藏2","no":162},{"desc":"东方绿舟站(17)绿洲区间3球东方绿舟站(17)绿洲区间3球屏1-3东方绿舟站(17)绿洲区间4球","no":163}]

no表示这条记录在数据库中存储的主键

1. 当type值为2：

1表示更新成功，不存在更新失败的情况 (返回值永远是1)

1. 当type值为3：

当判断完名称不重复后，插入操作永远返回1

1. 当type值为4：

1表示成功，不存在删除失败的情况

## 二十七、CCTV系统之根据摄像头的点代码查询点名称

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getPointDesc

para: 具体如下

type值为camera表示进行查找摄像头名称

 此时的para为：{“type”:”camera”,”pointCode”:”JSR\_C2\_1”}

type值为scene表示进行查找对应场景（每个屏幕及其对应的点代码描述）

 此时的para为：{“type”:” scene”,”no”: }

返回的数据:

1. 当type的值为camera

{"pointCode":"JSR\_C2\_1","pointDesc":"(17)嘉松中2#台楼梯1","groupDesc":"嘉松中路站"}

1. 当type的值为scene

{"screen":4,"camera":[{"pointCode":"ELZ\_C\_DF\_05","pointDesc":"(17)绿洲区间3球","groupDesc":"东方绿舟站","num":1},{"pointCode":"ELZ\_C\_DF\_05","pointDesc":"(17)绿洲区间3球","groupDesc":"东方绿舟站","num":2},{"pointCode":"JSR\_C2\_1","pointDesc":"(17)嘉松中2#台楼梯1","groupDesc":"嘉松中路站","num":3},{"pointCode":"ELZ\_C\_DF\_06","pointDesc":"(17)绿洲区间4球","groupDesc":"东方绿舟站","num":4},{},{},{},{},{}]}

num表示摄像头占用的屏幕编号

screen表示当前是几分屏(当前屏幕的总数量)

## 二十八、CCTV系统之具体车站的摄像头布局

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: crudStationCCTV

para: 具体如下

type值为1表示插入操作

 此时的para为：{“type”:1,

”screen”:，

”ptzPLevel”: ,

“groupCode”:””,

”keepScreen”:[{”cameraCode”:””},

{”cameraCode”:””},

{”cameraCode”:””},

{”cameraCode”:””}]

}

type值为2表示进行修改(更新)操作（判断是否是更新，可以调用3，只要不空则调用此接口）

 此时的para为：{“type”: 2,

”no”:，

“screen”:,

”keepScreen”:[{ ” groupCode”:””,”cameraCode”:””},

{” groupCode”:””,“cameraCode”:””},

{” groupCode”:””,”cameraCode”:””},

{” groupCode”:””,”cameraCode”:””}]

}

type值为3表示进行查询操作(刚开始切到具体车站的CCTV时调用此接口)

 此时的para为：{“type”:3,”ptzPLevel”: ,”groupCode”:””}

返回的数据:

1. 当type值为1时，

返回1表示插入成功（返回值永远为1），返回其他值表示的是no值

1. 当type值为2时，

返回1表示插入成功（返回值永远为1）

1. 当type值为3时，

如果表中不存在记录，则为 {}

如果表中存在记录，则为

{"screen":4,"no":241,"camera":[{"pointCode":"JSR\_C3\_4","pointDesc":"(17)嘉松中下行球4","groupDesc":"嘉松中路站","num":1},{},{},{"pointCode":"JSR\_C3\_4","pointDesc":"(17)嘉松中下行球4","groupDesc":"嘉松中路站","num":4}]}

screen表示当前屏幕的总数量（即当前是几分屏）

no表示这条记录在数据库中存储的主键

## 二十九、PIS系统之获取区域

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getBayAreaPIS

para: 不需要

返回的数据:

[{"bayAreaCode":"BAY\_PIS\_1","bayAreaDesc":"PIS站厅","bayAreaNo":21,"assignMent":1},{"bayAreaCode":"BAY\_PIS\_2","bayAreaDesc":"PIS上行站台","bayAreaNo":22,"assignMent":2},{"bayAreaCode":"BAY\_PIS\_3","bayAreaDesc":"PIS下行站台","bayAreaNo":23,"assignMent":3}]

## 三十、根据组代码查询组描述

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getGroupDesc

para: {“groupCode”:”ELZ”}

返回的数据:

东方绿洲站

## 三十一、PIS信息的增删改查

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getPISInFo

para: 具体如下

type值为1表示插入操作

{“type”:1,”infoName”:””,”infoDesc”:””}

type值为2表示删除操作

{“type”:2,”infoNo”:}

type值为3表示修改操作

{“type”:3,”infoNo”:,”infoName”:””,”infoDesc”:””}

type值为4表示查询操作

{“type”:4}

返回的数据: 具体如下

1. 当type值为1时，

返回1表示插入成功（返回值永远为1）

1. 当type值为2时，

返回值为1，表示删除成功；返回0表示已经删除过了，此时数据库中没有此条记录

1. 当type值为3时，

返回值为1，不存在返回其他值

1. 当type值为4时，

有值则返回：[{"infoNo":1,"infoName":"火灾","infoDesc":"火灾疏散"}]

没有则返回：[]

## 三十二、 PA\_PIS\_CCTV的通用命令

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: PA\_PIS\_CCTV\_Common

para: 详见PA-PIS设计方案文档

返回的数据:

## 三十三、 中心总控的增改查

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: occ\_CruCCTV

para: 具体如下

 type值为1时表示查询操作

 {“type”:1,”ptzPLevel”: }

 type值为2时表示更新（包含插入操作和修改）操作

 {“type”:2,

”screen”:,

”ptzPLevel”:,

”keepScreen”:[{”cameraCode”:””,”groupCode”:””},

 {”cameraCode”:””,” groupCode”:””},

 {”cameraCode”:””,” groupCode”:””},

{”cameraCode”:””,” groupCode”:””},

{”cameraCode”:””,” groupCode”:””},

{”cameraCode”:””,” groupCode”:””},

{”cameraCode”:””,” groupCode”:””},

{”cameraCode”:””,” groupCode”:””},

]}

返回的数据:

 type值为1时

 若没有值返回：**{}**

 若有值则返回：

{"screen":4,"no":79,"camera":[{"pointCode":"PLR\_C2\_5","pointDesc":"(17)蟠龙3#台公区球","groupDesc":"蟠龙路站","num":1},{},{},{}]}

screen表示当前屏幕的总数量（即当前是几分屏）

no表示这条记录在数据库中存储的主键

 type值为2时

返回值为1，不存在返回其他值

## 三十四、 查询点代码对应的设备编号

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: selectDevNoByPointCode

para: {“pointCode”:””}

返回的数据:

 有数据为{“devNo”:””,”devType”:}

 无数据为{}

## 三十五、 挂摘牌查询

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: tagSearch

para: [{“pointcode”:””}]

返回的数据:

 有数据为[{"pointcode":"OZZZISA\_FBF03","tagpos":["1","5","7"],"tagtype":["1","3","2"]}]

 无数据为[{"pointcode":"OZZZISA\_FBF03","tagpos":[""],"tagtype":[""]}]

## 二十七、 人工置位清除 （Feature #1120）

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: activate

para: {“szUserCode”:” OCC\_ADMIN”,” szTableName”:” digital”,” szPointCode”:” OYDLISA\_FBF01\_B03”}

返回的数据:

 1

十八、十九的接口名字需要更改！！！！！！！！！！

# 二、新增的广州版本接口

## 一、PA插件相关接口



4061 PA文本表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| F4061\_FILENO | F4061\_TYPE | F4061\_FILENAME | F4061\_PADESC | F4061\_REMARK |
| 序号 | 类型 | PA文本名称 | PA文本描述 | 备注 |
| 1 |  | 末班车 | last |  |

4062 PA快捷键表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| F4062\_HKNAME | F4062\_HKDESC | F1002\_BAYAREANO | F4062\_FILECODE | F4062\_GROUP | F4062\_TYPE |
| 快捷键名称 | 快捷键描述 | 所属区域 | 语音文件名 | 组号 | 类型 |
| FirstT | 首班车 | 4 | 3 | 1 | 0 |

4063 PA语音表

|  |  |  |
| --- | --- | --- |
| F4063\_NO | F4063\_NAME | F4063\_TYPE |
| 编号 | 名称 | 类型 |
| 0 | 语音1 | 0 |

4064 广播时间表



### 一、 PA增删改查

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: crudPAInFo

para: 具体如下

type值为1表示插入操作

{“ntype”:1,”type”:”1”,”name”:””,”desc”:”” }

type值为2表示查找操作

{“ntype”:2}

type值为3表示删除操作

{“ntype”:3,”no”: }

type值为4表示修改操作

{“ntype”:4,”no”:,”name”:””,”desc”:””}

**备注：上述json字符串参数中，每个名称对应的值对若是为空，则传空字符串””**

返回的数据: 具体如下

1. 当type值为1时，

返回1表示插入成功

可能会出现传-1情况，若出现此情况则视为插入失败，给予响应

1. 当type值为2时，

有值则返回：[{"no":2,"type":"","name":"图","desc":"d","remark":"f"}]

没有则返回：[]

1. 当type值为3时，

返回值为1表示删除成功

可能会出现传-1情况，若出现此情况则视为删除失败，给予响应

1. 当type值为4时，

返回1表示修改成功

可能会出现传-1情况，若出现此情况则视为修改失败，给予响应

### 二、 PA语音表

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getPAVoice

para: 不需要

返回的数据:

[{"no":6,"name":"背景音乐2","type":1},{"no":7,"name":"背景音乐3","type":1},{"no":8,"name":"背景音乐4","type":1},{"no":9,"name":"背景音乐5","type":1},{"no":0,"name":"语音1","type":0},{"no":1,"name":"语音2","type":0},{"no":2,"name":"语音3","type":0},{"no":3,"name":"语音4","type":0},{"no":4,"name":"语音5","type":0}]

备注：其中背景音乐为type值为1,语音的type值为0.

显示预录语音的下拉列表，则挑出其中type为0的数据即可

显示背景音乐的………………………………………………………………1即可

## 二、设备控制界面五防校验

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: FiveCheck

para: {“usercode”:””,”point”:””,”option”:}

返回的数据:

## 三、五防遥控执行

请求的URL：

http://localhost:8080/IWebServer/ dataServ?t=&callback= &type= &para=

type: YkAllInOne

para: {“usercode”:””,”point”:””,”option”:}

返回的数据:

## 四、获取点的控制参数

请求的URL：

http://localhost:8080/IWebServer/ dataSql?t=&callback= &type= &para=

type: ctrlPointParam

para: {“pointCode”:””}

返回的数据:

{"data":[{"wfCheck":0},{"ctrlAction":1,"exeTimeLim":25,"retTimeLim":20},{"DoPointNum":2},{"DiPointNum":1},{"DoDiPointNum":2}],"ctrlValue":"0:未定义;1:定值1投入"}

wfCheck的值对解释：1表示该设备带有五防校验，0表示不带

ctrlAction的值对解释：0表示是直接控制，1表示是选择执行

exeTimeLim表示执行时间

retTimeLim表示返校时间

## 五、根据设备点获取

请求的URL：

http://localhost:8080/IWebServer/ dataSql?t=&callback= &type= &para=

type: getPointByDevOrPointVal

para: {“devCode”:”QFS\_101ACD”,”type”:2}

 {“id”:”QFS\_1011A\_ZT”,”val”:”0”,”type”:1}

返回的数据:

type为1时：

jQuery331019682912058332147\_1617248388773({"f4009\_POINTDESC":"33kV进线1三工位开关隔离开关状态","f4011\_CTRLACTION":0,"f4011\_CTRLVALUE":0,"f4011\_EXETIMELIM":0,"f4011\_POINTCODE":"QFS\_1011A\_ZT","f4011\_RETTIMELIM":0,"f4011\_SUPERVISE":0,"f4025\_STATEDESC":"分闸"})

type为2时：

jQuery331019682912058332147\_1617248388773([{"f1005\_DEVTYPEID":0,"f4009\_POINTCODE":"QFS\_101ACD\_DZ1","f4009\_POINTDESC":"33kV进线1差动保护遥控定值区1","f4011\_CTRLVALUE":0,"f4025\_STATEDESC":"未定义"},{"f1005\_DEVTYPEID":0,"f4009\_POINTCODE":"QFS\_101ACD\_DZ1","f4009\_POINTDESC":"33kV进线1差动保护遥控定值区1","f4011\_CTRLVALUE":1,"f4025\_STATEDESC":"定值1投入"},{"f1005\_DEVTYPEID":0,"f4009\_POINTCODE":"QFS\_101ACD\_DZ2","f4009\_POINTDESC":"33kV进线1差动保护遥控定值区2","f4011\_CTRLVALUE":0,"f4025\_STATEDESC":"未定义"},{"f1005\_DEVTYPEID":0,"f4009\_POINTCODE":"QFS\_101ACD\_DZ2","f4009\_POINTDESC":"33kV进线1差动保护遥控定值区2","f4011\_CTRLVALUE":1,"f4025\_STATEDESC":"定值2投入"},{"f1005\_DEVTYPEID":0,"f4009\_POINTCODE":"QFS\_101ACD\_DZ3","f4009\_POINTDESC":"33kV进线1差动保护遥控定值区3","f4011\_CTRLVALUE":0,"f4025\_STATEDESC":"未定义"},{"f1005\_DEVTYPEID":0,"f4009\_POINTCODE":"QFS\_101ACD\_DZ3","f4009\_POINTDESC":"33kV进线1差动保护遥控定值区3","f4011\_CTRLVALUE":1,"f4025\_STATEDESC":"定值3投入"},{"f1005\_DEVTYPEID":0,"f4009\_POINTCODE":"QFS\_101ACD\_DZ4","f4009\_POINTDESC":"33kV进线1差动保护遥控定值区4","f4011\_CTRLVALUE":0,"f4025\_STATEDESC":"未定义"},{"f1005\_DEVTYPEID":0,"f4009\_POINTCODE":"QFS\_101ACD\_DZ4","f4009\_POINTDESC":"33kV进线1差动保护遥控定值区4","f4011\_CTRLVALUE":1,"f4025\_STATEDESC":"定值4投入"},{"f1005\_DEVTYPEID":0,"f4009\_POINTCODE":"QFS\_101ACD\_PTR","f4009\_POINTDESC":"33kV进线1差动保护信号复归","f4011\_CTRLVALUE":0,"f4025\_STATEDESC":"未定义"},{"f1005\_DEVTYPEID":0,"f4009\_POINTCODE":"QFS\_101ACD\_PTR","f4009\_POINTDESC":"33kV进线1差动保护信号复归","f4011\_CTRLVALUE":1,"f4025\_STATEDESC":"复归"}])

## 六、设置DI或者AI的value

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: setPointData

para: {“szTableName”:””,”szPointCode”:””,”szField”:””,”fValue”:””}

返回的数据:

## 七、查询指定表的AOJ值

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getAOJValue

para: {“tableName”:””,”code”:””}

返回的数据:

① {“tableName”:”TB4007\_ANAPOINT”,”code”:””}

返回：{"value":2,"groupDesc":"祈福站","count":1}

备注：count表示该点是否在AO表中也存在，若返回1表示存在，若返回0表示不存在

②{“tableName”:”TB4008\_AO”,”code”:””}

返回：{"value":1,"pointNo":0,"groupDesc":"祈福站"}

备注：pointNo表示点号

③{“tableName”:”TB4009\_DIGPOINT”,”code”:””}

返回：

④{“tableName”:”TB4011\_DO”,”code”:””}

返回：

⑤{“tableName”:”TB1004\_DEVICE”,”code”:””}

返回：

**当上述结果不存在时，一律返回：{}**

## 八、获取遥控结果

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: getYkResult

para: {“nYkType”:}

返回的数据:

## 九、获取点的挂牌信息

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: getPointTagInfo

para: {"rdTag":[]}

返回的数据:

## 十、获取AI点的所有信息

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getAIBySinglePoint

para: {"pointCode":""}

返回的数据:

{"基本信息":{"点代码":"QFS\_101A\_DZ","点描述":"33kV进线1定值区号","组名称":"祈福站","设备名称":"33kV进线1101A","量测类型":"模拟量值","点类型":"量测点","权限区域":"电力","禁止人工输入标志":"否","间隔\\区域号":"电力间隔1","系统":"PSCADA","单位":"A"},"报警参数":{"报警优先级":"事项","报警许可点":"","报警死区":0,"报警延时":0,"报警图":""},"工程转换":{"遥控标志":"否","零死区":0,"模拟量死区":0,"转换斜率1":1,"转换斜率2":0,"转换截距":0,"值转换方式":"取原值"},"IO参数":{"采集RTU":"祈福站电力RTU","采集序号":12},"限值":{"合理性上限":0,"合理性下限":0,"变化率限值":0},"存盘数据":{"存盘方式":"瞬时值","存盘间隔":15}}

## 十一、从Redis中获取实时报警和实时事项（2021年7月22日进行了拆分）

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: localAlm // localEvent

para: 直接给一个数值即可，注意：若是需要取2万条，则数值给19999；若需要

取出所有的数据，则数值给-1

返回的数据:

{"redisData":[]}

备注：

①查询的数量可以更改，暂时显现200条(数量可以修改)

②订阅推送的也是这种格式，内容有报警也会有事项

## 十二、实时报警的确认

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: almDataConfirm

para:

返回的数据:

## 十三、获取具体点的日曲线数据

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getDailyCurveData

para: **{“date”:””,**

**”code”:””,**

**”low”:,**

**”high”:,**

**”flag”:**

**}**

示例：{"date":"202104","code":"QFS\_102A\_IA","low":1619712000,"high":1619798400,"flag":1}

low是时间的下限，high是时间的上限，跟flag他们三个的值不是字符串

返回的数据:

## 十四、设置DI的IncCount或SwicthCount值

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: setPointIncOrSwicthCount

para: **{“szUserName”:””,**

**”szPointCode”:””,**

**”** **nCtrlType”:,**

**”** **nCount”:**

**}**

nCtrlType的值有两种情况，当为0时，表示设置的是**IncCount值**

 当为1时，表示设置的是**SwicthCount值**

返回的数据: 1表示成功

## 十五、设置点的选中状态

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: setPointChooseStatus

para: **{“szUserName”:””,**

**”szPointCode”:””,**

**”** **nCtrlType”:**

**}**

说明： nCtrlType 1为选中, 0为取消选中

返回的数据:

## 十六、故障录波插件接口

### 一、 获取指定站的文件列表

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: setPointChooseStatus

para: **{“szUserName”:””,**

**”szPointCode”:””,**

**”** **nCtrlType”:**

**}**

说明： nCtrlType 1为选中, 0为取消选中

返回的数据:

### 二、 获取指定文件名下的模拟通道及数字通道集合

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: setPointChooseStatus

para: **{“szUserName”:””,**

**”szPointCode”:””,**

**”** **nCtrlType”:**

**}**

说明： nCtrlType 1为选中, 0为取消选中

返回的数据:

### 三、 获取指定通道集合下的横纵坐标数值

注意：此请求是post请求

请求的URL：

<http://localhost:8080/IWebServer/dataServ>

|  |  |
| --- | --- |
| 说明 | 获取访问令牌 |
| 路径 | /getFileInfo |
| Method | POST |
| Header参数 |
| 名称 | 类型 | 必填 | 是否加密 | 说明 |
| Content-Type | String | Y | N | application/x-www-form-urlencoded |
| 请求Body参数 |
| 名称 | 类型 | 必填 | 是否加密 | 说明 |
| type | String | Y | N | type可以传递”all”，不可为空 |
| fileName | String | Y | N | 从“认证中心”收到的授权码 |
| redirect\_uri | String | Y | N | 重定向URI，必须与跳转登录的保持一致。 |
| client\_id | String | Y | N | 业务应用标识 |
| client\_secret | String | Y | N | 业务应用密钥 |
|  |  |  |  |  |
| 请求示例 |
| POST /oauth2/token HTTP/1.1Host: server.example.comContent-Type: application/x-www-form-urlencodedclient\_id=s6BhdRkqt3&client\_secret=dje3fjejfdi32&grant\_type=authorization\_code&code=SplxlOBeZQQYbYS6WxSbIA&redirect\_uri=https%3A%2F%2Fclient%2Eexample%2Ecom%2Fcb |
| 请求成功应答Body参数 |
| 名称 | 类型 | 必填 | 是否加密 | 说明 |
| access\_token | String | Y | N | 访问令牌 |
| session\_key | String | Y | N | 认证中心会话标识 |
| token\_type | String | Y | N | token类型, 固定为“bearer” |
| expire\_in | Int | Y | N | token过期时间，单位秒 |
| scope | String | Y | N | 申请的权限范围，固定为“read” |
| 应答Body示例 |
| HTTP/1.1 200 OKContent-Type: application/json;charset=UTF-8{ "access\_token":"2YotnFZFEjr1zCsicMWpAA", "token\_type":"bearer", "expires\_in":86400, "session\_key":"tGzv3JOkF0XG5Qx2TlKWIA", "scope":"read"} |

## 十七、时间表插件接口

### 一、获取 服务器/当前 时间表

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getServerOrLocalSchedule

para: {"APPSYSID":,

"APPMASK":

}

返回的数据:

[{"SCHEDULENO":,"SCHEDULEDESC":""}]

### 二、更新时间表

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: updateSchedule

para: {"SCHEDULENO":,

"APPMASK":

}

返回的数据:

-1表示更新失败，其他值表示为此次更新受影响的记录数

### 三、获取时段表并获取联动程序

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: getIntervalAndReAction

para: {"SCHEDULENO":,

"GROUPCODE":"",

"VALID":

}

返回的数据:

{"Interval":[],

 "ReAction":[]

}

### 四、插入时段表

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: insertInterval

para: {"REACTIONCODE":"",

"STARTAT":1,

"VALID":,

"GROUPCODE":"",

"SCHEDULENO":,

"INTERVALNO":

}

返回的数据:

-1表示插入失败，1表示插入成功

### 五、更新时段表

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: updateInterval

para: {"REACTIONCODE":"",

"STARTAT":1,

"VALID":,

"GROUPCODE":"",

"SCHEDULENO":,

"INTERVALNO":

}

返回的数据:

-1表示更新失败，其他值表示更新成功

## 十八、刷新时间表

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: reloadTable

para: {"szTableName":""}

返回的数据:

## 十九、更新本地相关信息

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: updateinfo

para: {"tokenid":"","ulogin":"","rlogin":""}

|  |  |  |
| --- | --- | --- |
| Response Json: | {"result":,"errorinfo":"","typeurl":"",""user":"", #更新本地用户名"udesc":"","role":"","rdesc":"","csldesc":"", #主机描述 ------弃用"privilege":["",""], #无则为0"aojidlist": [ #无则为0 { "id":1, "auth":"", #权限 },],"aojlist": [ #无则为0 { "id":"", "desc":"" },]} | 字段"aojlist"对应的内容用于如AOJ\_GetAssignment使用此接口的函数RBAC\_UpdateLocalInfo()"result":200表示成功，404失败"aojidlist"表示本登录用户的所有权限区域id列表，"aojlist"表示所有权限区域列表"auth":对象授权表权限，以点号分割的字符串字段"csldesc"在2020.9.3起弃用 |

## 二十、获取用户角色列表信息

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: getalluserandpsw

para: {"tokenid":""}

|  |  |  |
| --- | --- | --- |
| Response Json: | {"result":,"errorinfo":"","typeurl":"getalluserandpsw","usernow":"","rolenow":"","rolelist": [ #无则为0 {"role": "","roledesc": "","privilege": "","plevel": [1,2,3]}],"userlist":[ #无则为0{ "user": "", "userdesc": "","rolearray": ["",""], #无则为0"unactive": #注销}]} | 获取所有用户名、描述，用于选择下拉列表信息(用于如 RBAC\_Login)，以及返回可能存在的当前登录的用户和角色代码;ehqxgl.exe初始化时使用"privilege": 返回以点号分割的字符串，比如".abc.adc" |

## 二十一、场景联动插件接口

### 一、根据组代码查询所有的场景联动

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: sceneReaction

示例：

para: {"GROUPCODE":"QFS"}

返回的数据:

[{"GROUPCODE":"QFS","GROUPDESC":"祈福站","REACTIONCODE":"QFS\_11","REACTIONDESC":"爱莎萨","INHIBIT":1,"INBYHAND":1,"TRIGGERTYPE":1,"TRIGGERCODE":"AG阿萨法"},{"GROUPCODE":"QFS","GROUPDESC":"祈福站","REACTIONCODE":"QFS\_12","REACTIONDESC":"czxc","INHIBIT":2,"INBYHAND":2,"TRIGGERTYPE":2,"TRIGGERCODE":"gas"}]

### 二、查询某个场景联动的具体步骤

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: sceneStep

示例：

para: {"REACTIONCODE":" QFS\_11"}

返回的数据:

[{"STEPNO":1,"STEPDESC":"fafa","MODE":1,"STEPTYPE":1,"EXSTRATEGY":1,"WAITTIME":1,"CTRLOBJ":"gasfaf","VALUE":1,"PARA":"gasafa"}]

### 三、单点模拟量设值

请求的URL：

http://localhost:8080/IWebServer/dataSql?t=&callback= &type= &para=

type: linkagePointSimulation

示例：

para: {"pointCode":" QFS\_1#GSBWKQ\_TA"}

返回的数据:

[{"f1001\_GROUPCODE":"QFS","f1010\_APPSYSID":0,"f2001\_RTUNO":0,"f4007\_POINTCODE":"QFS\_1#GSBWKQ\_TA","f4008\_AOJ":1,"f4008\_CONVFACTA":0,"f4008\_CONVFACTB":0,"f4008\_CTLPERMSVPT":"1","f4008\_CTRLACTION":1,"f4008\_EXETIMELIM":1,"f4008\_POINTNO":0,"f4008\_RETTIMELIM":1,"f4008\_SUPERVISE":1}]

## 二十二、PA-PIS实时事项

请求的URL：

http://localhost:8080/IWebServer/dataServ?t=&callback= &type= &para=

type: sendRealEvent

示例：

para: {"User":"ROOT",

"UserDesc":"中心管理员",

"CtrlType":"日常预存广播",

"GroupCode":"HLS",

"nAddrNo":"1"

}

解释说明：

nAddrNo: 1 表示PA控制, 2表示 PIS控制.

"User": "ROOT", 🡪登陆的用户,对应的是用户表F0102\_USERNAME

"UserDesc": "中心管理员", 🡪这个跟上面那个一起从一开始的登录接口中拿

"CtrlType": "日常预存广播" , 🡪可填的值为(PA):"日常预存广播", "人工广播", "监听广播", "外接广播", "消防广播", "文本广播"; (PIS): "正常模式播放", 12 "紧急模式播放"

"GroupCode": "HLS" 组代码

返回的数据: