

管理端接口

☑ 登录

@bp_admin.route('/api/v1/admin/login', methods=['POST'])

params

```
{
  "username": "",
  "password": ""
}
```

ret:

```
{
  "errCode": number,
  "jwt": "",
  "errMsg": ""
}
```

☑ 公告相关

@bp_notice.route('/api/v1/notice/getNoticeList', methods=['POST'])

params:

```
{
  "num": number, #-1表示全部, not optional
  "queryStartDate": "", #optional
  "queryEndDate": "", #optional
  "queryStr": "" #optional
}
```

ret:

```
{
  noticeList:
  [
    {
      "noticeID": number,
      "postDate": "",
      "expireDate": "",
      "content": ""
    }
  ]
}
```

@bp_notice.route('/api/v1/notice/createNotice', methods=['POST'])

params:

```
{
  "noticeContent": "",
  "expireDate": ""
}
```

ret:

```
{
  "errCode": "",
  "errMsg": ""
}
```

@bp_notice.route('/api/v1/notice/updateNotice', methods=['POST'])

params:

```
{
  "noticeContent": "",
  "expireDate": "", #例如2021-11-25
  "noticeID": number
}
```

ret:

```
{
  "errCode": "",
  "errMsg": ""
}
```

@bp_notice.route('/api/v1/notice/deleteNotice', methods=['POST'])

params:

```
{
  "noticeID": number
}
```

ret:

```
{
  "errCode": "",
  "errMsg": ""
}
```

预约管理

@bp_reserve.route('/api/v1/reserve/getTodayRecord', methods=['GET'])

@login_required

ret:

```
{
  "recordList":
  [
    {
      "recordID":number,
      "postTime": "",
      "reserveDate": "",
      "startTime": "",
      "endTime": "",
      "userName": "",
      "status": "",
      "equipmentName": ""
    }
  ]
}
```

@bp_reserve.route('/api/v1/reserve/getHistoryRecord', methods=['POST'])

@login_required

params:

```
{
  "startDate": "",
  "endDate": ""
}
```

ret:

```
{
  "recordList":
  [
    {
      "recordID":number,
      "postTime": "",
      "reserveDate": "",
      "startTime": "",
      "endTime": "",
      "userID": "",
      "status": "",
      "equipmentName": ""
    }
  ]
}
```

设备详情:

展示有哪些种类的设备:

@bp_equipment.route('/api/v1/equipment/getAllEquipmentType', methods=['GET'])

@login_required

ret:

```
{
  "TypeList":
  [
    {
      "equipmentType": number,
      "equipmentName": "",
      "equipmentDescription": "",
      "equipmentCount": number
      "equipmentImage": ""          #图床路径
    }
  ]
}
```

获取某设备种类的所有设备信息：

@bp_equipment.route('/api/v1/equipment/getEquipmentList', methods=['POST'])

@login_required

params:

```
{
  "equipmentType": number
}
```

ret:

```
{
  "equipmentList":
  [
    {
      "equipmentID": number,
      "status": "",
      "equipmentName":""
    }
  ]
}
```

添加新的设备种类：

@bp_equipment.route('/api/v1/equipment/addEquipmentType', methods=['POST'])

@login_required

params: **form-data**

```
{
  "equipmentName": "",
  "equipmentCount": number,
  "equipmentDescription": "",
  "equipmentImage": ""
}
```

ret:

```
{
  "errCode": number
}
```

编辑设备种类:

@bp_equipment.route('/api/v1/equipment/editEquipmentType', methods=['POST'])

@login_required

params: **form-data**

```
{
  "equipmentType": number,
  "equipmentName": "",                #optional
  "equipmentDescription": "",         #optional
  "equipmentImage": ""               #optional
}
```

ret:

```
{
  "errCode":
  "errMsg":
}
```

删除设备种类:

@bp_equipment.route('/api/v1/equipment/deleteEquipmentType', methods=['POST'])

@login_required

```
{
  "equipmentType": number
}
```

ret:

```
{
  "errCode":
}
```

交换设备顺序:

@bp_equipment.route('/api/v1/equipment/swapEquipmentOrder', methods=['POST'])

@login_required

```
{
    "equipmentType1": number,
    "equipmentType2": number
}
```

ret:

```
{
    "errCode":
}
```

添加设备:

@bp_equipment.route('/api/v1/equipment/addEquipment', methods=['POST'])

@login_required

params:

```
{
    "equipmentType": number
}
```

ret:

```
{
    "errCode":
    "errMsg":
}
```

编辑设备状态:

@bp_equipment.route('/api/v1/equipment/editEquipment', methods=['POST'])

@login_required

params:

```
{
    "equipmentType": number,
    "equipmentID": number,
    "equipmentStatus": ""
}
```

ret:

```
{
  "errCode":
  "errMsg":
}
```

获取设备预约记录:

@bp_equipment.route('/api/v1/equipment/getEquipmentRecordList', methods=['POST'])

@login_required

params:

```
{
  "num": number,
  "equipmentType": number,
  "equipmentID": number
}
```

ret:

```
{
  "rvsecoredList":
  [
    {
      "recordID": number,
      "postTime": "",
      "reserveDate": "",
      "startTime": "",
      "endTime": "",
      "userName": "",
      "status": "",
    }
  ]
}
```

删除设备:

@bp_equipment.route('/api/v1/equipment/deleteEquipment', methods=['POST'])

@login_required

params:

```
{
  "equipmentType": number,
  "equipmentID": number
}
```

二维码查看:

@bp_equipment.route('/api/v1/qrcode/getQRCode', methods=['POST'])

@login_required

params:

```
{
  "equipmentType":
  "equipmentID":
}
```

ret:

```
{
  "qrcodeURL": ""
}
```

@bp_equipment.route('/api/v1/qrcode/refreshQRCode', methods=['POST'])

@login_required

params:

```
{
  "equipmentType":
  "equipmentID":
}
```

ret:

```
{
  "errCode":
  "qrcodeURL":
}
```

独占规则

@bp_rule.route('/api/v1/rules/addRule', methods=['POST'])

@login_required

params:

```
{
  "repeat": number,    #1表示重复, 0表示不重复
  "day": number,       #周几;当repeat=1时必须有此选项
  "date": "",          # 2021-21-11;当repeat=0时必须有此选项
  "startTime": "",     # 20:17
  "endTime": "",       # 20:18
  "expireDate": "",    # 1202-20-21;当repeat=1时必须有此选项
  "ruleDescription": ""
}
```


ret:

```
{
  "errCode": number,
  "errMsg": ""
}
```

@bp_rule.route('/api/v1/rules/updateRule',methods=['POST'])

@login_required

params:

```
{
  "ruleID": number,
  "repeat": number,    #1表示重复, 0表示不重复
  "day": number,       #周几;当repeat=1时必须有此选项
  "date": "",          # 2021-21-11;当repeat=0时必须有此选项
  "startTime": "",     # 20:17
  "endTime": "",      # 20:18
  "expireDate": "",    # 1202-20-21; 当repeat=1时必须有此选项
  "ruleDescription": ""
}
```

ret:

```
{
  "errCode": number,
  "errMsg": ""
}
```

@bp_rule.route('/api/v1/rules/deleteRule',methods=['POST'])

@login_required

params

```
{
  "ruleID": number
}
```

ret:

```
{
  "errCode":
}
```

@bp_rule.route('/api/v1/rules/getRules',methods=['GET'])

@login_required

获取尚未失效的规则

ret:

```
{
  rules:
  [
    {
      "repeat": number,    #1表示重复, 0表示不重复
      "day": number,       #周几
      "date": "",          # 2021-21-11
      "startTime": "",     # 20:17
      "endTime": "",       # 20:18
      "takeEffectDate": "",
      "expireDate": "",    # 1202-20-21
      "ruleID": number,
      "ruleDescription": ""
    }
  ]
}
```

使用说明

@bp_instruction.route('/api/v1/instruction/addInstruction',methods=['POST'])

@login_required

params: **form-data**

```
{
  "instructionName": "",
  "instructionTags":
  [
    "", ""
  ],
  "instructionCover": a file
}
```

ret:

```
{
  "errCode":
}
```

@bp_instruction.route('/api/v1/instruction/addImage',methods=['POST'])

@login_required

params: **form-data**

```
{
  key: "file", value: an image,
  key: "instructionID", value: number
}
```

ret:

```
{
  "ImageUrl": "",
  "instructionImageID": number
}
```

@bp_instruction.route('/api/v1/instruction/deleteImage',methods=['POST'])

@login_required

params:

```
{
  "instructionID": number,
  "imageUrl": str
}
```

ret:

```
{
  "errCode": number
}
```

@bp_instruction.route('/api/v1/instruction/updateInstruction',methods=['POST'])

@login_required

params:**form-data**

```
{
  "instructionName": "",          #not optional
  "instructionID": number,        #not optional
  "instructionTags":              #optional
  [
    "", ""
  ],
  "instructionCover": a file
}
```

ret:

```
{
  "errCode":
}
```

@bp_instruction.route('/api/v1/instruction/updateContent',methods=['POST'])

@login_required

params: **form-data**

```
{
  "instructionID": number,
  "instructionContent": ""
}
```

ret;

```
{
  "errCode":
}
```

@bp_instruction.route('/api/v1/instruction/getSingleInstruction',methods=['POST'])

@login_required

params:

```
{
  "instructionID": number
}
```

ret:

```
{
  "instructionContent": ""
}
```

@bp_instruction.route('/api/v1/instruction/getSingleInstructionImageList',methods=['POST'])

@login_required

params:

```
{
  "instructionID": number
}
```

ret:

```
{
  "imageList":[
    {
      "imageUrl": "",
      "instructionImageID": number
    }
  ]
}
```

@bp_instruction.route('/api/v1/instruction/deleteImage',methods=['POST'])

@login_required

params:

```
{
  "instructionID": number,
  "instructionImageID": number
}
```

ret:

```
{
  "errCode": number
}
```

@bp_instruction.route('/api/v1/instruction/getInstructionList',methods=['GET'])

@login_required

ret:

```
{
  InstructionList:
  [
    {
      "instructionID":
      "instructionName":
      "instructionTags":
      [
        "", ""
      ],
      "instructionCoverURL": ""
    }
  ]
}
```

@bp_instruction.route('/api/v1/instruction/deleteInstruction',methods=['POST'])

@login_required

params:

```
{
  "instructionID": ""
}
```

ret:

```
{
  "errCode":
}
```

用户管理

@bp_user.route('/api/v1/user/queryUserInfo',methods=['POST'])

@login_required

params:

```
{
  "limitNum": "",
  "stuID": "",          #optional
  "stuName": "",        #optional
  "department": ""      #optional
}
```

ret:

```
{
  "stuList":
  [
    {
      "userID": "",
      "stuID": "",
      "stuName": "",
      "department": "",
      "email": "",
      "cellphone": "",
      "freezeStatus": bool,
      "freezeDate": ""
    }
  ]
}
```

@bp_user.route('/api/v1/user/getStudentRecordList',methods=['POST'])

@login_required

params:

```
{
  "stuID": number,
  "startDate": "",          #optional
  "endDate": "",            #optional
  "limitNum": number        #optional
}
```

ret:

```
{
  "recordList":
  [
    {
      "recordID": number,
      "postTime": "",
      "reserveDate": "",
      "startTime": "",
      "endTime": "",
      "userName": "",
      "status": "",
    }
  ]
}
```

@bp_user.route('/api/v1/user/updateUserStatus',methods=['POST'])

@login_required

params:

```
{
  "stuID": "",
  "status": number #0表示解冻, 1表示冻结
}
```

ret:

```
{
  "errCode"
}
```
