

接口定义

答题卡结构数据查询接口

请求:

- POST
- JSON (application/json)

```
{  
  "examSubjectId": "a386", // 考试科目id  
  "examType": "1", // 考试类型, 1: 考试; 2: 作业  
}
```

响应:

完整响

应: <http://dev.mock.ennjoy.cn/mock/5a5e1731189e88001b578a4b/YinKe/Api/ScanTask/getScanStructure>

示例:

```
{  
  "msg": "查询成功",  
  "result": "200",  
  "data": {  
    "backStartPos": "0", // 第二面的第一个矩形区域的全局顺序编号  
    "layoutType": "2", // 答题卡有几栏 (列)  
    "paperSize": "A3", // 答题卡尺寸  
    "schoolId": "76", // 学校id  
    "examId": "14", // 考试id  
    "examNoBoth": "0", // 两面均有考号信息, 1: 是; 0: 否  
    "examNoCount": "10", // 考号位数  
    "examNoMode": "1", // 考号类型, 1: 填涂; 2: 二维码  
    "examSubjectId": "5", // 考试科目id  
    "scanPpStructQueModelList": [  

```

```

{
  "bigTitle": "1",//
  "bigGroup": "",//
  "bigIndex": "1",//小问全局顺序编号
  "aliasNames": "1",//题号别名
  "questionId": "1397",//小问id
  "problemId": "848",//小题id
  "isSubjective": "0",//是否为主观题, 1: 是; 0: 否
  "inPosition": "1-0-0",//块编号(全局顺序编号) - 试题选项
排列(0横向 1纵向) - 选择题类型(0 单选 1 多选)
  "inDetail": "1-5-4",//客观题答题区域校对数据, 中块区域顺序
编号(1~...) - 题目数 - 选项数
},
{
  "bigTitle": "2",
  "bigGroup": "",
  "bigIndex": "2",
  "aliasNames": "2",
  "questionId": "1392",
  "problemId": "843",
  "isSubjective": "0",
  "inPosition": "1-0-0",
  "inDetail": "1-5-4"
},
{
  "bigTitle": "3",
  "bigGroup": "",
  "bigIndex": "3",
  "aliasNames": "3",
  "questionId": "1399",
  "problemId": "850",
  "isSubjective": "0",
  "inPosition": "1-0-0",
  "inDetail": "1-5-4"
},
{
  "bigTitle": "三",
  "bigGroup": "",
  "bigIndex": "22",
  "aliasNames": "三",
  "questionId": "848",
  "problemId": "1397",
  "isSubjective": "1",
  "inPosition": "3",
  "inDetail": ""
},
{

```

```

        "bigTitle": "三",
        "bigGroup": "",
        "bigIndex": "23",
        "aliasNames": "三",
        "questionId": "848",
        "problemId": "1397",
        "isSubjective": "1",
        "inPosition": "4",
        "inDetail": ""
      }
    ]
  }
}

```

答题卡识别服务接口

请求

- POST
- JSON (application/json)

```

{
  "UUID": "6ca4f0f8-2508-4bac-b8f1-5d1e3da2247a", // 唯一标识
  "imgUrl": "https://ennjoydev.oss-cn-shenzhen.aliyuncs.com/answer-sheet/school-id/exam-id/4/card5.jpg", // 图片地址
  "examType": "1", // 考试类型, 1: 考试; 2: 作业
}

```

响应

```

{
  "result": "200", // 状态码
  "msg": "识别成功",
  "data": {
    "uuid": "6ca4f0f8-2508-4bac-b8f1-5d1e3da2247a", // 唯一id
    "image": "/answer-sheet/school-id/exam-id/4/card5.jpg", // 原始图片路径
    "ossBucket": "ennjoydev", // oss bucket
    "validImage": "/answer-sheet/school-id/exam-

```

```

id/4/valid_card5.jpg",//纠正过后的有效图片路径
    "errorType": "", // 对外异常（二进制叠加）：0无 1图像整张垮掉 2客观
题识别异常 4准考证异常（含重复和缺失）
    "admissionTicket": "240987666",//考号
    "headImgRectInfo": "36,199,851,398",//考生信息区域位置信息
    "rawList": [
        {
            "rectangleInfo": [
                "36,697,851,357",//矩形区域位置信息:x,y,w:h
            ],
            "rawAnswer": [
                {
                    "1": "A"
                },
                {
                    "2": "B"
                },
                {
                    "3": ""
                }
            ],
            "rawAnswerRectInfo": [
                "36,749,283,23",//每个小题的矩形区域位置信息:x,y,w:h
                "36,772,283,23",
                "36,795,283,23"
            ],
            "rawError": [],//异常（存档）异常情况:[{"1":"1"}]//如有
异常, 1识别确信度低于60% 2切图失败 3其它,4 答题卡结构数据有误, 5 客观题选项数有
误
            "testIndex": 1,//答题区域矩形框顺序编号
        },
        {
            "rectangleInfo": [
                "994,89,851,1161"
            ],
            "rawAnswer": [],
            "rawAnswerRectInfo": [],
            "rawError": [],
            "testIndex": 4
        }
    ]
}
}

```

识别服务的状态码表

状态码	含义
200	识别成功
1001	请求答题卡结构api失败
1002	答题卡结构api返回数据有误
1003	答题卡结构数据解析失败
1004	无效图片
1005	定位符号数量异常
1006	无法从透视变换后的有效区域内，找到有效信息
1007	没有找到任何大识别区