测试方法：

通过ip访问：125.208.27.156:21629

配置Host: 125.208.27.156 code.mpen.com.cn ddb.webtrn.cn

# 日志收集接口

**参数**

|  |  |
| --- | --- |
| **key值** | **描述** |
| penIdentification | 笔Id |
| type | 日志类型 |
| subtype | 日志子类型 |
| content | 日志内容 |

**HTTP接口**

访问方式：/v1/logs/

method: POST

**返回值**

|  |  |
| --- | --- |
| **参数名** | **描述** |
| errorCode | 200成功；400失败 |
| errorMsg | Success |
| timeStamp | 1486978334296 |
| data | {  "success": true  } |

# 推送接口

**参数**

|  |  |
| --- | --- |
| **key值** | **描述** |
| action | pushApp |
| type | 类型(0：电量推送；1：视频推送) |
| battery | 电量 |
| path | 视频路劲 |

**HTTP接口**

访问方式：/v1/messages/

method: POST

**返回值**

|  |  |
| --- | --- |
| **参数名** | **描述** |
| errorCode | 200成功；400失败 |
| errorMsg | Success |
| timeStamp | 1486978334296 |
| data | {  "success": true  } |

# 校验笔绑定信息

**参数**

|  |  |
| --- | --- |
| **key值** | **描述** |
| action | checkBind |

**HTTP接口**

访问方式：/v1/pens/{penId}

method: GET

**返回值**

|  |  |
| --- | --- |
| **参数名** | **描述** |
| errorCode | 200成功；400失败 |
| errorMsg | Success |
| timeStamp | 1486978334296 |
| data | {  "success": false  } |

# App更新接口

**参数**

|  |  |
| --- | --- |
| **key值** | **描述** |
| action | upgradeApp |
| version | 版本 |

**HTTP接口**

访问方式：/v1/pens/{penId}

method: GET

**返回值**

|  |  |
| --- | --- |
| **参数名** | **描述** |
| errorCode | 200成功；400失败 |
| errorMsg | Success |
| timeStamp | 1486978334296 |
| data | {  "id": "ff8080815824821f0158249aafb70033",  "title": "点读笔1.37",  "item": "1.优化播放器，提升播放速度 2.增加本地游戏功能 3.修复笔中昵称显示不正确的问题 4.增加点读过程中，按M键暂停播放的功能 5.增加解锁屏幕后，显示两秒昵称的功能",  "versionName": "1.37",  "versionCode": 37,  "isForce": "0",  "isImportant": "0",  "fileUrl": "incoming/ddb/app/20161102/1478082940183-3.apk",  "fileSize": "24.13M",  "isValid": "1",  "label": "",  "time": 1478082867000  } |

# Rom更新接口

**参数**

|  |  |
| --- | --- |
| **key值** | **描述** |
| action | upgradeRom |
| version | 版本 |

**HTTP接口**

访问方式：/v1/pens/{penId}

method: GET

**返回值**

|  |  |
| --- | --- |
| **参数名** | **描述** |
| errorCode | 200成功；400失败 |
| errorMsg | Success |
| timeStamp | 1486978334296 |
| data | [  {  "index": 0,  "versionFrom": "Mpen-V1.0HWV1.6-20160707.161231",  "versionTo": "Mpen-V1.4DHWV1.5-20160719.173746",  "description": "B升E",  "size": "5179119",  "md5": "E2CC7F2F72F4AD1BD57250EDEED7E8DC",  "downloadUrl": "http://ddb.webtrn.cn/incoming/update-B-E.zip"  },  {  "index": 1,  "versionFrom": "Mpen-V1.3DHWV1.5-20160714.144331",  "versionTo": "Mpen-V1.4DHWV1.5-20160719.173746",  "description": "D升E",  "size": "4660008",  "md5": "E2CC7F2F72F4AD1BD57250EDEED7E8DC",  "downloadUrl": "http://ddb.webtrn.cn/incoming/update-D-E.zip"  }  ] |

# 笔出厂保存笔信息接口

**参数**

|  |  |
| --- | --- |
| **key值** | **描述** |
| action | passQa |
| macAddress | MAC地址 |
| code |  |

**HTTP接口**

访问方式：/v1/qa/pens/{penId}

method: Post

**返回值**

|  |  |
| --- | --- |
| **参数名** | **描述** |
| errorCode | 200成功；400失败 |
| errorMsg | Success |
| timeStamp | 1486978334296 |
| data | {  "success": true  } |

# 获取笔出厂预下载书籍接口

**参数**

|  |  |
| --- | --- |
| **key值** | **描述** |
| action | preDownload |

**HTTP接口**

访问方式：/v1/qa/books

method: Get

**返回值**

|  |  |
| --- | --- |
| **参数名** | **描述** |
| errorCode | 200成功；400失败 |
| errorMsg | Success |
| timeStamp | 1486978334296 |
| data | [  {  "id": "ff8080815602c58301560675e649000c",  "resSize": 136686862,  "name": "电子词典",  "downloadUrl": "http://ddb.webtrn.cn/incoming/course/点读卡/dictsound.MP",  "code": "8888",  "photo": "http://ddb.webtrn.cn/incoming/ddb/course/image/ff8080815602c58301560675e649000c/1471421908223\_photo.jpg"  },  {  "id": "ff808081567761c20156914db2e0062d",  "resSize": 137812038,  "name": "新标准英语·一起一下",  "downloadUrl": "http://ddb.webtrn.cn/incoming/course/外研社/MP/小学教材及教辅/英语(新标准)一年级起点教材(修订版)/英语(新标准)(一年级起点)(一年级下)(修订版)/新标准一起一下学生用书\_v1.0.2.MP",  "code": "62272",  "photo": "http://ddb.webtrn.cn/incoming/ddb/course/image/ff808081567761c20156914db2e0062d/1473214493756\_photo.jpg"  },  {  "id": "ff808081567761c2015691ef1d2e06a6",  "resSize": 127083043,  "name": "新标准英语·一起二上",  "downloadUrl": "http://ddb.webtrn.cn/incoming/course/外研社/MP/小学教材及教辅/英语(新标准)一年级起点教材(修订版)/英语(新标准)(一年级起点)(二年级上)(修订版)－非分省版本/新标准一起二上学生用书(非分省版本).MP",  "code": "62354",  "photo": "http://ddb.webtrn.cn/incoming/ddb/course/image/ff808081567761c2015691ef1d2e06a6/1473214424835\_photo.jpg"  }  ] |

# 8、出厂测试语音接口

**参数**

|  |  |
| --- | --- |
| **key值** | **描述** |
| action | audiosTest |

**HTTP接口**

访问方式：/v1/qa/audios

method: Get

**返回值**

|  |  |
| --- | --- |
| **参数名** | **描述** |
| errorCode | 200成功；400失败 |
| errorMsg | Success |
| timeStamp | 1486978334296 |
| data | [  {  "name": "燕归巢 - 许嵩",  "path": "http://cc.stream.qqmusic.qq.com/C100000Nz08A0aZNuz.m4a?fromtag=52"  },  {  "name": "Sorry - Justin Bieber",  "path": "http://cc.stream.qqmusic.qq.com/C100002homRe0dmkTn.m4a?fromtag=52"  },  {  "name": "What Do You Mean? (2015维多利亚的秘密秀秀场音乐) - Justin Bieber",  "path": "http://cc.stream.qqmusic.qq.com/C100004HAF5J0HxEZk.m4a?fromtag=52"  },  {  "name": "单词1",  "path": "http://ddb.webtrn.cn/incoming/course/voice/s\_001.mp3"  },  {  "name": "单词2",  "path": "http://ddb.webtrn.cn/incoming/course/voice/s\_002.mp3"  },  {  "name": "单词3",  "path": "http://ddb.webtrn.cn/incoming/course/voice/s\_003.mp3"  }  ] |

# anr文件上传接口

**参数**

|  |  |
| --- | --- |
| **key值** | **描述** |
| action | uploadAnr |
| penId | 笔Id |
| time | 时间戳 |
| version | 笔中app版本 |
| file | 文件 |

**HTTP接口**

访问方式：/v1/files/

method: Post

**返回值**

|  |  |
| --- | --- |
| **参数名** | **描述** |
| errorCode | 200成功；400失败 |
| errorMsg | Success |
| timeStamp | 1486978334296 |
| data | {  "success": true  } |

# 获取点读书目录

**HTTP接口**

访问方式：/v1/books/

method: Get

**返回值**

|  |  |
| --- | --- |
| **参数名** | **描述** |
| errorCode | 200成功；400失败 |
| errorMsg | Success |
| timeStamp | 1486978334296 |
| data | {  "pageSize": 10000,  "pageNo": 1,  "items": [  {  "id": "ff808081533ba5a801533bbd358f0003",  "code": "62006",  "name": "新概念英语一",  "repeat": false,  "lineRead": true  },  {  "id": "ff808081533ba5a801533bbddf220006",  "code": "62008",  "name": "新概念英语三",  "repeat": false,  "lineRead": true  },  {  "id": "ff808081533ba5a801533bbe58360008",  "code": "62009",  "name": "新概念英语四",  "repeat": false,  "lineRead": true  }  ]} |