电梯轿厢广告系统-接口文档

V1.2



成都长虹网络科技有限责任公司

变更记录

|  |  |  |  |
| --- | --- | --- | --- |
| 版本号 | 修改点说明 | 记录人 | 变更日期 |
| V0.9 | 创建 | 王昆 | 2016-12-02 |
| V1.0 | 修改（修改1-5机顶盒日志上报接口，加入code字段；加入2-5手机端盒子添加、修改接口；2-6手机端投影仪控制命令添加） | 郭潇阳 | 2017-3-27 |
| V1.1 | 修改：  接口文档合并系统的手机端接口和下载和数据上传接口；  调整文档结构，增加小标题，更新目录 | 郭潇阳 | 2017-4-7 |
| V1.2 | 修改：手机端盒子添加/修改接口，请求参数去掉ssid和ssidPassword | 郭潇阳 | 2017-4-21 |

*修改点说明的内容有如下几种：创建、修改（+修改说明）、删除（+删除说明）*

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# 一：机顶盒请求接口说明

## 1.服务端返回数据说明

#### 1.1返回状态

|  |  |
| --- | --- |
| **状态嘛** | **描述** |
| 1000 | 处理成功 |
| 1001 | 处理失败 |
| 1002 | 空置，备用 |
| 1003 | 请求数据参数不全 |
| 1004 | 动态秘钥失效，请重新初始化 |
| 2000 | 该手机号未登记到系统 |
| 2001 | 验证码不正确或者失效 |

## 2.机顶盒开机请求

#### 2.1特别说明：

2.1.1：加密方式，固定秘钥DES加密，加密方式，全部参数加密，如果遇到中文，需要特殊处理

加密前：

json={"appType":"ANDROID","appVersion":"1.0","body":{"version":"1.0"},"businessType":"box\_initial"，" mac ":"11:11:11:11:11:12"}

加密后:

json={"appType":"ANDROID","appVersion":"1.0","body":"a4d14d5f0bf258a9f9e8a66ddb2ac54ab396b32c4609bd8c","businessType":"box\_initial","mac":"11:11:11:11:11:20"}

2.1.2：功能说明，机顶盒每天开开机后都要请求一次，需要做如下事宜

A：机顶盒获取每天的动态秘钥，后面的请求，全部采用动态秘钥加密参数

B：机顶盒获取自己的基本配置，包括，开关机时间，心跳频率（单位秒）

B：查看时候有新版本升级，如果有的话，会下发升级文件文件地址

#### 2.2请求路径

<http://ip:port/adplatform/client/resource.html>

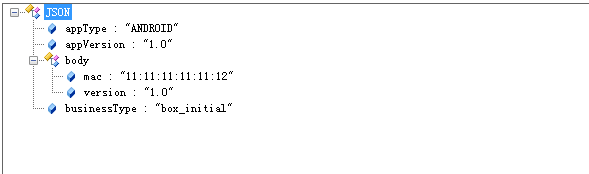
#### 2.3请求方式

GET/POST

#### 2.4请求参数（需要固定秘钥加密）

json={"appType":"ANDROID","appVersion":"1.0","body":"a4d14d5f0bf258a9f9e8a66ddb2ac54ab396b32c4609bd8c","businessType":"box\_initial","mac":"11:11:11:11:11:20"}

#### 2.5请求参数说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| businessType | 请求业务类型，box\_initial，每天开机要执行的操作 |
| body | JSON Object |
| mac | 机顶盒mac地址 |
| version | 机顶盒当前固件版本 |

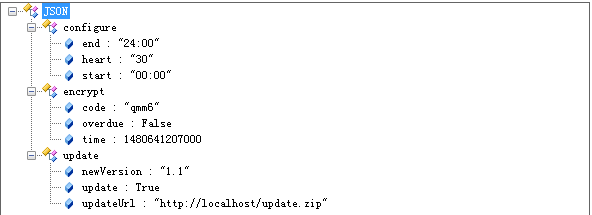
#### 2.6请求例子



#### 2.7返回内容(需要固定秘钥解密)

":"bf3625026b763974b8d27acb9e7631725d88a3ae46c59719927f357d50fd023212d07a6328417801bc45fc68644222aeb7010992bd62e1149c832752ed54b3e13cde0da8960078c25b19c28f802cfc4f16f6395f7c2822eb0007251e97011d81c755c02c24777043b1dfa54cb13f89217b295239970b2fdbfdda191f83352682e5efd63eecae92582ae6bb57c79af88a0fe2092e394c074e9426e6bcfa8f3f009148ede255c5ec8347713d1d4598ed7040db994a04794d38417465d40d2254306922f7f923c90acf716b1aa7712e5040","message":"处理成立","status":1000}

#### 2.8返回内容说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| configure.start | 机顶盒开机时间 |
| configure.end | 机顶盒关机时间 |
| configure.heart | 心跳时间 |
| encrypt.code | 当前机顶盒秘钥 |
| encrypt.overdue | 是否过期 |
| encrypt.time | 时间戳 |

## 3.机顶盒信息上报(先不采用动态秘钥，等功能全实现后再设置动态秘钥)

#### 3.1特别说明：

3.1.1：功能说明，需要根据前端下发的配置决定上报状态的时间间隔

3.1.2：如果前端对机顶盒下发了控制命令，会随着机顶盒信息上报下发

#### 3.2请求路径

<http://ip:port/adplatform/client/resource.html>

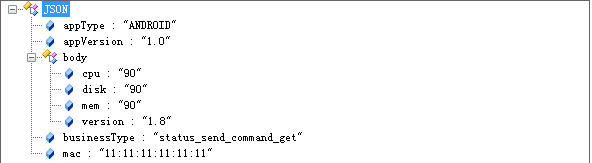
#### 3.3请求方式

GET/POST

#### 3.4请求参数（需要动态秘钥加密）

json={"appType":"ANDROID","appVersion":"1.0","body":{"cpu":"90","disk":"90","mem":"90","version":"1.8"},"businessType":"status\_send\_command\_get","mac":"11:11:11:11:11:11"}

#### 3.5请求参数说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| businessType | 请求业务类型，status\_send\_command\_get |
| body | JSON Object |
| mac | 机顶盒mac地址 |
| version | 当前版本信息 |
| cpu | Cpu状态信息 |
| mem | Mem状态信息 |
| disk | Disk状态信息 |

#### 3.6请求例子(本例子为多个机顶盒请求例子)

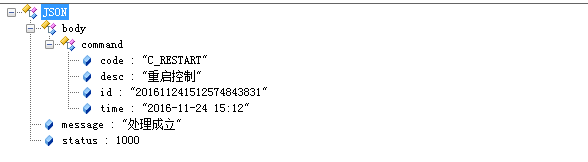


#### 3.7返回内容（需要动态秘钥解密）

{"body":{},"message":"处理成立","status":1000}

{"body":{"command":{"code":"C\_RESTART","desc":"重启控制","id":"201611241512574843831","time":"2016-11-24 15:12"}},"message":"处理成立","status":1000}

#### 3.8返回内容说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| command.code | 控制命令标示 |
| command.desc | 控制命令说明 |
| command.id | 控制命令ID |
| command.time | 产生的时间 |

## 4.机顶盒控制命令完成后确认操作(先不采用动态秘钥，等功能全实现后在设置动态秘钥)

#### 4.1特别说明：

4.1.1：功能说明，当前端下发了控制命令后，终端执行完操作后，需要上报操作结构

#### 4.2请求路径

<http://ip:port/adplatform/client/resource.html>

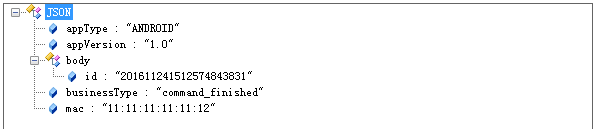
#### 4.3请求方式

GET/POST

#### 4.4请求参数（需要动态秘钥加密）

Json={"appType":"ANDROID","appVersion":"1.0","body":{"id":"201611241512574843831"},"businessType":"command\_finished","mac":"11:11:11:11:11:12"}

#### 4.5请求参数说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| businessType | 请求业务类型，command\_finished |
| body | JSON Object |
| mac | 机顶盒mac地址 |
| id | 下发控制命令的ID |

**4.6请求例子**

#### 4.7返回内容（需要动态秘钥解密）

{"body":{},"message":"处理成立","status":1000}

#### 4.8返回内容说明

## 5.机顶盒日志上报(未加密)

#### 5.1特别说明：

5.1.1：功能说明，机顶盒上报错误日志，机顶盒端可以去重，相同类型的错误日志可以只上报一次

5.1.2：由于终端日志一版采用是日志文件上传的方式进行，由于终端数量不大，本系统采用日志上报+LOG日志出入的格式，日志输出到单独的文件夹

#### 5.2请求路径

<http://ip:port/adplatform/client/resource.html>

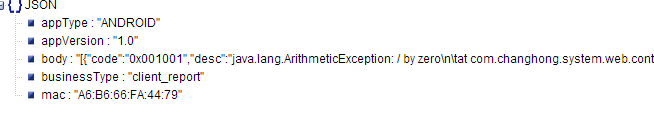
#### 5.3请求方式

GET/POST

#### 5.4请求参数（未加密）

json={"appType":"ANDROID","appVersion":"1.0","body":"[{"code"："0x001001"，desc\":\"java.lang.ArithmeticException: / by zero\\n\\tat com.changhong.system.web.controller.DashboardController.handleRequestInternal(DashboardController.java:28)\\n\\tat sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)\\n\\tat sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)\\n\\tat sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)\\n\\tat java.lang.reflect.Method.invoke(Method.java:601)\\n\\tat org.springframework.web.bind.annotation.support.HandlerMethodInvoker.invokeHandlerMethod(HandlerMethodInvoker.java:176)\\n\\tat org.springframework.web.servlet.mvc.annotation.AnnotationMethodHandlerAdapter.invokeHandlerMethod(AnnotationMethodHandlerAdapter.java:440)\\n\\tat org.springframework.web.servlet.mvc.annotation.AnnotationMethodHandlerAdapter.handle(AnnotationMethodHandlerAdapter.java:428)\\n\\tat org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.java:925)\\n\\tat org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.java:856)\\n\\tat org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:936)\\n\\tat org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:827)\\n\\tat javax.servlet.http.HttpServlet.service(HttpServlet.java:617)\\n\\tat org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:812)\\n\\tat javax.servlet.http.HttpServlet.service(HttpServlet.java:723)\\n\\tat org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:290)\\n\\tat org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)\\n\\tat com.opensymphony.module.sitemesh.filter.PageFilter.parsePage(PageFilter.java:119)\\n\\tat com.opensymphony.module.sitemesh.filter.PageFilter.doFilter(PageFilter.java:55)\\n\\tat org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:235)\\n\\tat org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)\\n\\tat org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:343)\\n\\tat org.springframework.security.web.access.intercept.FilterSecurityInterceptor.invoke(FilterSecurityInterceptor.java:109)\\n\\tat org.springframework.security.web.access.intercept.FilterSecurityInterceptor.doFilter(FilterSecurityInterceptor.java:83)\\n\\tat org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:355)\\n\\tat org.springframework.security.web.access.ExceptionTranslationFilter.doFilter(ExceptionTranslationFilter.java:97)\\n\\tat org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:355)\\n\\tat org.springframework.security.web.session.SessionManagementFilter.doFilter(SessionManagementFilter.java:100)\\n\\tat org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:355)\\n\\tat org.springframework.security.web.authentication.AnonymousAuthenticationFilter.doFilter(AnonymousAuthenticationFilter.java:78)\\n\\tat org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:355)\\n\\tat org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFilter.doFilter(SecurityContextHolderAwareRequestFilter.java:54)\\n\\tat org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:355)\\n\\tat org.springframework.security.web.savedrequest.RequestCacheAwareFilter.doFilter(RequestCacheAwareFilter.java:35)\\n\\tat org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:355)\\n\\tat org.springframework.security.web.authentication.www.BasicAuthenticationFilter.doFilter(BasicAuthenticationFilter.java:177)\\n\\tat org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:355)\\n\\tat org.springframework.security.web.authentication.AbstractAuthenticationProcessingFilter.doFilter(AbstractAuthenticationProcessingFilter.java:187)\\n\\tat org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:355)\\n\\tat org.springframework.security.web.authentication.logout.LogoutFilter.doFilter(LogoutFilter.java:105)\\n\\tat org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:355)\\n\\tat org.springframework.security.web.context.SecurityContextPersistenceFilter.doFilter(SecurityContextPersistenceFilter.java:79)\\n\\tat org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:355)\\n\\tat org.springframework.security.web.session.ConcurrentSessionFilter.doFilter(ConcurrentSessionFilter.java:109)\\n\\tat org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:355)\\n\\tat org.springframework.security.web.FilterChainProxy.doFilter(FilterChainProxy.java:149)\\n\\tat org.springframework.web.filter.DelegatingFilterProxy.invokeDelegate(DelegatingFilterProxy.java:346)\\n\\tat org.springframework.web.filter.DelegatingFilterProxy.doFilter(DelegatingFilterProxy.java:259)\\n\\tat org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:235)\\n\\tat org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)\\n\\tat org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal(CharacterEncodingFilter.java:88)\\n\\tat org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilter.java:107)\\n\\tat org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:235)\\n\\tat org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)\\n\\tat org.apache.catalina.core.StandardWrapperValve.invoke(StandardWrapperValve.java:233)\\n\\tat org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:191)\\n\\tat org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:127)\\n\\tat org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:103)\\n\\tat org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:109)\\n\\tat org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:293)\\n\\tat org.apache.coyote.http11.Http11Processor.process(Http11Processor.java:861)\\n\\tat org.apache.coyote.http11.Http11Protocol$Http11ConnectionHandler.process(Http11Protocol.java:606)\\n\\tat org.apache.tomcat.util.net.JIoEndpoint$Worker.run(JIoEndpoint.java:489)\\n\\tat java.lang.Thread.run(Thread.java:722)\"}]","businessType":"client\_report","mac":"11:11:11:11:11:12"}

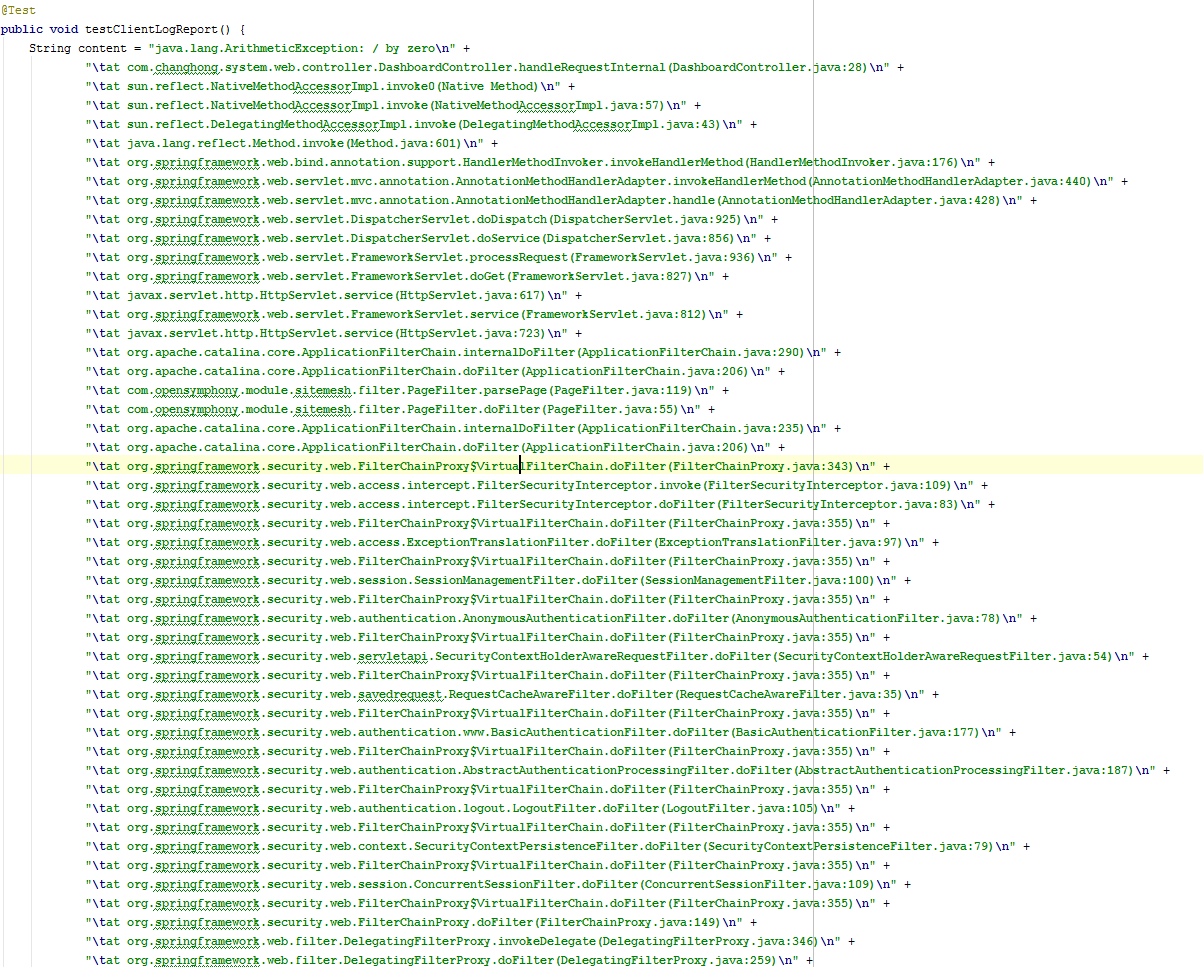
#### 5.5请求参数说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| businessType | 请求业务类型， client\_report |
| body | JSON Array不需要解密 |
| mac | 机顶盒mac地址 |

body内数组参数 (2017.3.22加)

|  |  |
| --- | --- |
| desc | 异常文本 |
| code | 异常编码 |

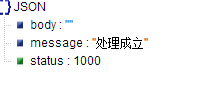
**5.6请求例子**



#### 5.7返回内容（需要动态秘钥解密）

{"body":"", "message":"处理成立","status":1000}

#### 5.8返回内容说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| message | 描述信息 |
| status | 处理状态码 |
| body | 正文，为空字符串，客户端不需解析 |

## 6.盒子端广告资源下载接口

#### 6.1特别说明

6.1.1 下载请求说明

资源下载使用断点续传的方式，解决网络波动引起的资源下载不全问题。进行断点下载时如果需要进行续传操作，需要在HTTP请求头设置Range 参数。

Rang参数说明如下：

|  |  |
| --- | --- |
| 参数值格式 | 说明 |
| 不设参数 | 从头下载全部资源，适用于第一次下载 |
| bytes=27000- | 从27000字开始下载 |
| bytes=27000-39000 | 从27000字节开始到39000字节结束 |

6.1.2 下载响应说明

接到断点下载请求后，平台会获取指定资源按照请求参数返回对应的字节块，其中会在HTTP响应头设置一些参数，具体如下：

|  |  |  |
| --- | --- | --- |
| 参数名 | 参数值 | 说明 |
| Accept-Ranges | bytes | 告诉客户端允许断点续传多线程连接下载 |
| Content-Range | bytes [文件块的开始字节]-[请求文件块的总大小 - 1]/[文件的总大小] | 返回的文件描述信息，包括请求的开始字节，请求到的总大小，文件的总大小 |
| Content-Disposition | attachment; filename=文件名 | 文件描述 |
| Content-Length | 数值字符串 | 文件大小 |

6.1.3 加密方式

盒子端加密使用的是动态加密，加密的密钥是有时限的。使用接口时注意获取最新密钥，对请求参数进行加密，对返回参数进行解密。

#### 6.2 请求路径

<http://ip:port/adplatform/download/addownload.html>

#### 6.3 请求方式

GET/POST

#### 6.4 请求参数（加密传输）

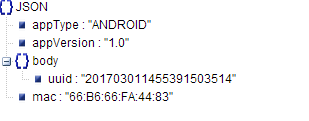
加密前：

json={"appType":"ANDROID","appVersion":"1.0","body":{"uuid":"201703011455391503514"},"mac":"66:B6:66:FA:44:83"}

加密后：

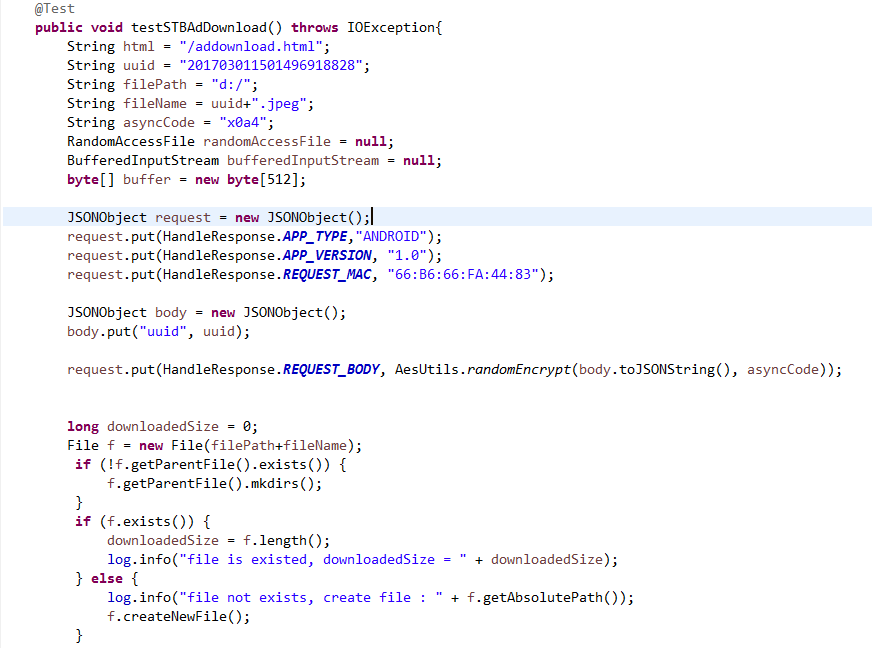
json= {"appType":"ANDROID","appVersion":"1.0","body":"CA7568DC658FBDB8748D1371DF121A04320B0F29B863951B6446A4FE1F5C0DAF38F900E5109BB8C357037F4D6CFF469B","mac":"66:B6:66:FA:44:83"}

#### 6.5 请求参数说明

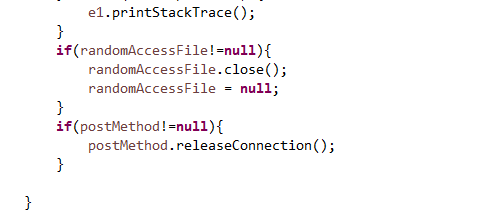


|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| body | JSON Object，里面包含uuid值为资源的标识符 |
| mac | 请求的设备的mac地址 |

#### 6.6 请求例子







#### 6.7 返回内容

6.7.1 返回内容不为空时

返回的内容为请求的文件块

6.7.2 返回内容为空时

文件已经完整下载；

下载失败，请检查HTTP响应头的errorMsg 字段的值，描述处理失败的原因

#### 6.8 返回内容说明

返回文件块后，请按照请求的参数，将响应的内容写入文件中

## 7.盒子端apk版本获取接口

#### 7.1 特别说明

此接口获取指定MAC地址的盒子的最新apk版本号，之后调用apk下载接口获取apk资源。

#### 7.2 请求路径

<http://ip:port/adplatform/download/apkversionacquire.html>

#### 7.3 请求方式

GET/POST

#### 7.4 请求参数（无需加密）

json={"appType":"ANDROID","appVersion":"1.0" ,"mac":"66:B6:66:FA:44:83 "}

#### 7.5 请求参数说明

|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| mac | 设备的mac地址 |

#### 7.6 请求例子



#### 7.7 返回内容（加密传输）

解密前：

{"body":"D6ED0500ED33252F34B3DA7C91BA71A1AEAFA1B248B4DD65864D9019F4BDA8D8","message":"处理成功","status":1000}

解密后：

{"body":{"apk\_version":""},"message":"处理成功","status":1000}

#### 7.8 返回内容说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| message | 处理结果描述 |
| status | 处理状态 |
| body | 返回正文，JSON Object |

body参数说明

|  |  |
| --- | --- |
| **字段名** | **描述** |
| apk\_version | 盒子最新的软件版本号，可以为空字符串 |

## 8.盒子端apk资源下载接口

#### 8.1 特别说明

盒子端加密使用的是动态加密，加密的密钥是有时限的。使用接口时注意获取最新密钥，对请求参数进行加密，对返回参数进行解密。

#### 8.2 请求路径

<http://ip:port/adplatform/download/apkdownload.html>

#### 8.3 请求方式

GET/POST

#### 8.4 请求参数（加密传输）

加密前

json={"appType":"ANDROID","appVersion":"1.0","body":{"apk\_version":"2.0"},"mac":"66:B6:66:FA:44:83"}

加密后

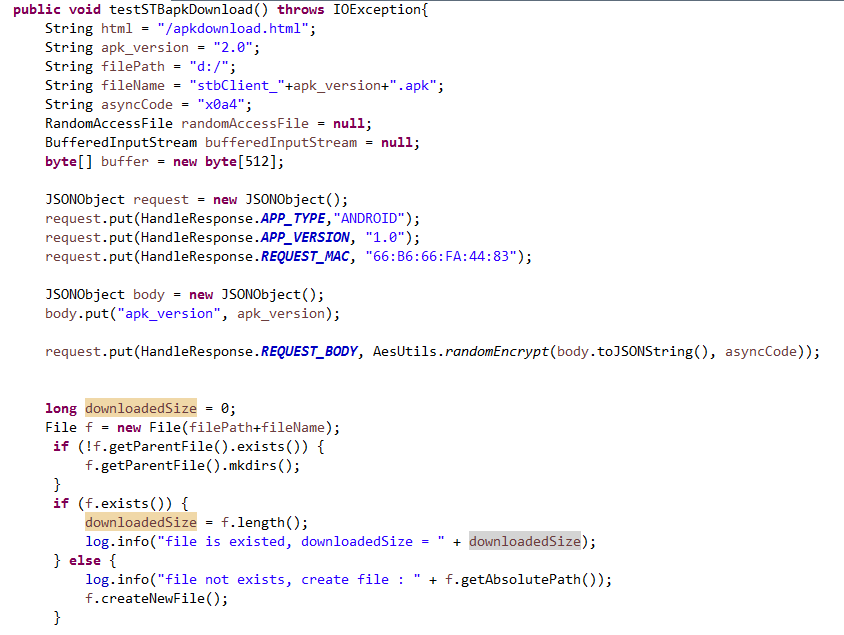
{"appType":"ANDROID","appVersion":"1.0","body":"D6ED0500ED33252F34B3DA7C91BA71A19C99142F90FCD27889178111E7491D9E","mac":"66:B6:66:FA:44:83"}

#### 8.5 请求参数说明

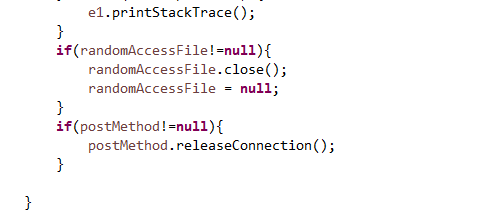


|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| mac | 请求的设备的mac地址 |
| body | 请求正文，JSON Object, 放入apk\_version |

#### 8.6 请求例子







#### 8.7 返回内容

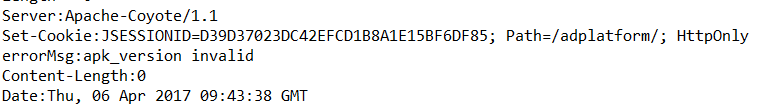
8.7.1 返回内容不为空时

返回的内容为请求的文件块

8.7.2 返回内容为空时

1）文件已经完整下载；

2）下载失败，请检查HTTP响应头的errorMsg 字段的值，描述处理失败的原因



#### 8.8 返回内容说明

返回文件块后，长度不为0时，请按照请求的参数，将响应的内容写入文件中

## 9.播放数据上传接口

#### 9.1 特别说明

9.1.1 加密说明

盒子端加密使用的是动态加密，加密的密钥是有时限的。使用接口时注意获取最新密钥，对请求参数进行加密，对返回参数进行解密。

9.1.2 播放时间统计说明

播放时间统计使用的单位是资源文件，有两个相关参数。其中一个是播放次数（times），另一个是播放的时长（duration），文件播放的总时间为 times \* duration，服务器存储计算结果作为播放总时长。

#### 9.2 请求路径

<http://ip:port/adplatform/upload/uploadData.html>

#### 9.3 请求方式

GET/POST

#### 9.4 上传参数（加密传输）

加密前：

{

"appType": "ANDROID",

"appVersion": "1.0",

"body": {

"date": "2017-04-06",

"playList": [

{

"duration": "2",

"times": "50",

"uuid": "20160525130243444334"

},

{

"duration": "2",

"times": "50",

"uuid": "20160525131043444335"

}

]

},

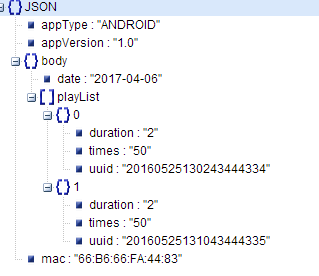
"mac": "66:B6:66:FA:44:83"

}

加密后：

{"appType":"ANDROID","appVersion":"1.0","body":"C1412DB0D23A75338A7CC92EF4D433897AEC8523B45888878335058BBC05397997253D26ABC2DD568114063E8BDCF346A15F3A1B2B80AB26619537580E8C14593371A49B73AD722A377A142C3F1A28403F549D60C8ADDE8240D7399526A021668A960BD8C37C580FDEDF78D56DCC87E38C2EA6B37BEC10018CAB094EC942DB1288FD6B8CFDDD6A337AA560ACDF077F5B94D538FEF54EA196AC8DBDB9104A0E6F","mac":"66:B6:66:FA:44:83"}

#### 9.5 上传参数说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| date | 记录日期 |
| playList | 开始时间到结束时间期间播放过得文件列表 |
| uuid | 播放的资源文件的uuid |
| times | 播放次数 |
| duration | 每次播放持续时长 |

#### 9.6 请求例子



#### 9.7 返回内容

9.7.1 处理成功

{"message":"处理成功","status":1000}

9.7.2 处理失败

{"message":"json为空","status":1003}

{"message":"mac地址为空","status":1003}

{"message":"正文为空","status":1003}

{"message":"无效的mac地址","status":1003}

{"message":"box 动态密码为空","status":1001}

{"message":"日期为空","status":1003}

{"message":"播放参数为空","status":1001}

{"message":"播放参数为空","status":1003}

#### 9.8 返回内容说明

|  |  |
| --- | --- |
| **字段名** | **描述** |
| message | 结果描述信息 |
| status | 状态码 |

状态码为1000时，返回正常的处理结果；

非1000时，处理失败。查看message，描述具体的失败原因

## 10.盒子端广告资源配置文件下载

#### 10.1 特别说明

盒子端加密使用的是动态加密，加密的密钥是有时限的。使用接口时注意获取最新密钥，对请求参数进行加密，对返回参数进行解密。

#### 10.2 请求路径

<http://ip:port/adplatform/download/configdownload.html>

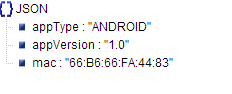
#### 10.3 请求方式

POST/GET

#### 10.4 请求参数（无需加密）

json={"appType":"ANDROID","appVersion":"1.0" ,"mac":"66:B6:66:FA:44:83 "}

#### 10.5 请求参数说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| mac | 请求的设备的mac地址 |

#### 10.6 请求实例



#### 10.7 返回参数（加密传输）

10.7.1 处理成功

解密前：

{"bodymessage":"处理成功","status":1000}

解密后, JSON内容如下：

{

"body": {

"ID": "201702171532560499581",

"defaulDuration": "5.0",

"playList": [

{

"endDate": "2017.06.01",

"files": [

{

"advertiser": "咕咪",

"agency": "移动",

"duration": "2.0",

"index": "1",

"mineType": "image/jpg",

"repeat": "",

"url": "adresource/2017-02/201702171718442491264.jpg",

"uuid": "201702171718441227631"

}

],

"index": "1",

"name": "黄金6格图",

"repeat": "",

"startDate": "2017.04.01"

}

],

"version": "1"

},

"message": "处理成功",

"status": 1000

}

10.7.2 无播放数据返回

返回结果：

{"body":"","message":"处理失败","status":1001}

10.7.3 MAC参数为空

{"body":"","message":"没有获取到mac地址","status":1002}

10.7.4 MAC参数无效

{"body":"","message":"mac地址无效","status":1001}

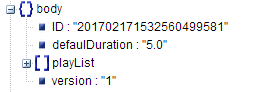
#### 10.8 返回参数说明

JSON第1级参数描述



|  |  |
| --- | --- |
| **字段名** | **描述** |
| body | 正文。为空时处理失败；不为空时为加密的播放配置内容（JSON Object） |
| message | 结果描述信息 |
| status | 处理状态 |

JSON的body字段（解密后）参数描述



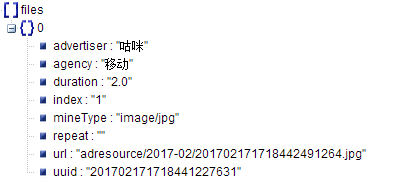
|  |  |
| --- | --- |
| **字段名** | **描述** |
| ID | 播放内容的ID |
| defaulDuration | 默认持续时间，单位为秒(s) |
| playList | 播放列表，描述播放内容，JSONArray |
| version | 版本号 |

playList 数组的项（一条广告）的字段描述



|  |  |
| --- | --- |
| **字段名** | **描述** |
| endDate | 广告的播放截止日期 |
| files | 广告的图片文件描述数组，JSONArray |
| index | 此条广告的播放次序 |
| name | 广告名称 |
| repeat | 重复次数 |
| startDate | 开始日期 |
| duration | 持续时长 |
| index | 播放序列 |
| minetype | 资源类型 |
| repeat | 重复次数 |
| url | 资源请求路径 |

files 数组的项的字段描述



|  |  |
| --- | --- |
| **字段名** | **描述** |
| advertiser | 广告商 |
| agency | 广告代理商 |
| duration | 播放时长 |
| index | 播放序列 |
| minetype | 资源类型 |
| repeat | 重复次数 |
| url | 资源请求路径 |
| uuid | 文件标识符 |

# 二：手机端请求接口说明

## 1.服务端返回数据说明

#### 1.1返回状态

|  |  |
| --- | --- |
| **状态嘛** | **描述** |
| 1000 | 处理成功 |
| 1001 | 处理失败 |
| 1002 | 空置，备用 |
| 1003 | 请求数据参数不全 |
| 1004 | 动态秘钥失效，请重新初始化 |
| 2000 | 该手机号未登记到系统 |
| 2001 | 验证码不正确或者失效 |

## 2.手机端发送验证码

#### 2.1特别说明：

2.1.1：加密方式，固定秘钥AES加密，加密方式，全部参数加密

2.1.2：功能说明

A：手机输入手机号然后点击发送验证码，60秒内不允许重发

B：再次输入验证码，进行系统登录

#### 2.2请求路径

<http://ip:port/adplatform/mobile/resource.html>

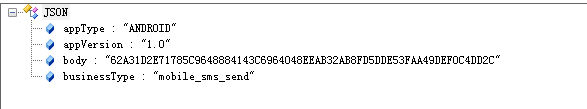
#### 2.3请求方式

GET/POST

#### 2.4请求参数（需要固定秘钥加密）

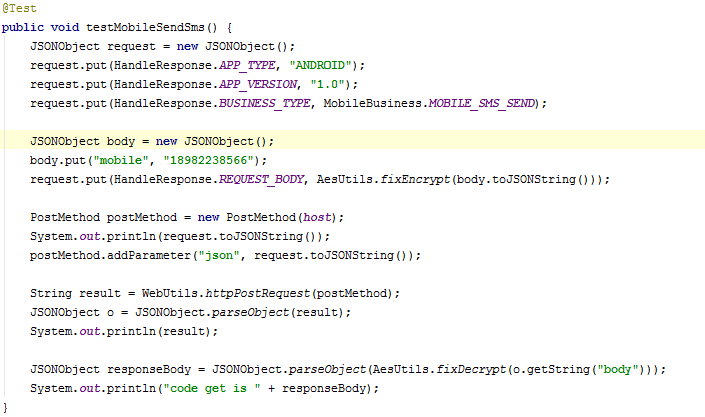
json={"appType":"ANDROID","appVersion":"1.0","body":"62A31D2E71785C9648884143C6964048EEAB32AB8FD5DDE53FAA49DEF0C4DD2C","businessType":"mobile\_sms\_send"}

#### 2.5请求参数说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| businessType | 请求业务类型，mobile\_sms\_send |
| body | JSON Object，里面包含mobile参数 |
| mobile | 手机号 |

#### 2.6请求例子



#### 2.7返回内容(需要固定秘钥解密)

{"body":"3C784CB1FBC23188527D4D6304DC5F33","message":"处理成立","status":1000}

#### 2.8返回内容说明

## 3.手机端登录

#### 3.1特别说明：

3.1.1：加密方式，固定秘钥AES加密，加密方式，全部参数加密

3.1.2：功能说明

A：手机输入手机号然后点击发送验证码，60秒内不允许重发

B：再次输入验证码，进行系统登录

#### 3.2请求路径

<http://ip:port/adplatform/mobile/resource.html>

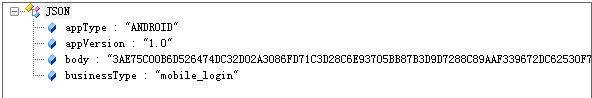
#### 3.3请求方式

GET/POST

#### 3.4请求参数（需要固定秘钥加密）

json={"appType":"ANDROID","appVersion":"1.0","body":"3AE75C00B6D526474DC32D02A3086FD71C3D28C6E93705BB87B3D9D7288C89AAF339672DC62530F73341D0C824E9D241","businessType":"mobile\_login"}

#### 3.5请求参数说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| businessType | 请求业务类型，mobile\_sms\_send |
| body | JSON Object，里面包含mobile参数和验证码code |
| mobile | 手机号 |
| 验证码 | code |

#### 3.6请求例子



#### 3.7返回内容(需要固定秘钥解密)

{"body":"3C784CB1FBC23188527D4D6304DC5F33","message":"处理成立","status":1000}

{"body":"3C784CB1FBC23188527D4D6304DC5F33","message":"该手机号未登记到系统","status":2000}

{"body":"3C784CB1FBC23188527D4D6304DC5F33","message":"验证码不正确或者失效","status":2001}

#### 3.8返回内容说明

## 4.手机端小区搜索

#### 4.1特别说明：

4.1.1：加密方式，固定秘钥AES加密，加密方式，全部参数加密

4.1.2：功能说明

A：通过关键字去搜索小区

#### 4.2请求路径

<http://ip:port/adplatform/mobile/resource.html>

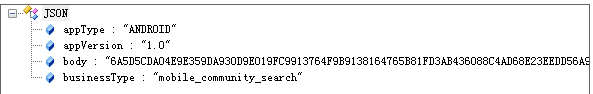
#### 4.3请求方式

GET/POST

#### 4.4请求参数（需要固定秘钥加密）

json={"appType":"ANDROID","appVersion":"1.0","body":"6A5D5CDA04E9E359DA930D9E019FC9913764F9B9138164765B81FD3AB436088C4AD68E23EEDD56A935FDF93CBCC5B3B9","businessType":"mobile\_community\_search"}

#### 4.5请求参数说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| businessType | 请求业务类型，mobile\_community\_search |
| body | JSON Object，里面包含mobile参数和验证码code |
| words | 关键词 |
| number | 查询数据的条数 |

#### 4.6请求例子



#### 4.7返回内容(需要固定秘钥解密)

{"body":"F8EC9F0F8A19FE3A7115F5D700FB87413ADC7DF4684A40EAC172C3DE7B81CEFE9D5C2E4D8CF3368F6D4933615AD1618A5F0EB3E4DFDA3589A241CCB76D22F6A3277D879FD96E42E019ECD493C9D66666C6002B40025D6BC25750EDB9C78563204CD1BC94AE82766376CBAB9506472B4C009806EA1D663D596CA4A5D537EF8B613F3A6E8545AF87C19E8286366305E4656AD669EB909500B72E73F2E047064DD98E06969701B80B65B22BA9993FAF9276E69F9E40734DC3C6640A2AE9D67F3DA46202DF037089525AE5E0A484D30184412E2226A4B62B89FCA6CA92503D1F22A346DA1D391396348AC343B457855590E2","message":"处理成立","status":1000}

#### 4.8返回内容说明

解密后：{"communities":[{"id":"201611231405413547287","location":"/全国/绵阳市/高新区","name":"长虹世纪城2期"，“descs":[{"uuid":"1","mac":"00:11:22:33","ssid":"111111"},{"uuid":"2","mac":"11:22:33:44","ssid":"222222"}]},{"id":"201611231405319598583","location":"/全国/绵阳市/高新区","name":"长虹世纪城1期"，“descs":[{"uuid":"1","mac":"22:33:44:55","ssid":"333333"},{"uuid":"2","mac":"33:44:55:66","ssid":"444444"}]},"number":2}

## 5.手机端通过小区获取小区下投影仪

#### 5.1特别说明：

5.1.1：加密方式，固定秘钥AES加密，加密方式，全部参数加密

5.1.2：功能说明

A：通过小区uuid获取小区下所有的投影仪

#### 5.2请求路径

<http://ip:port/adplatform/mobile/resource.html>

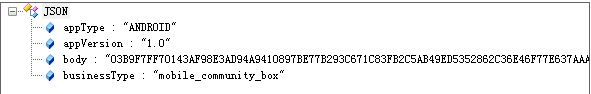
#### 5.3请求方式

GET/POST

#### 5.4请求参数（需要固定秘钥加密）

{"appType":"ANDROID","appVersion":"1.0","body":"03B9F7FF70143AF98E3AD94A9410897BE77B293C671C83FB2C5AB49ED5352862C36E46F77E637AAAFB16BA518CBBA1AD597DDCAB123F333E99BD9F6492315034A266F5DC2DD8F2790C049E2DEBBB7228","businessType":"mobile\_community\_box"}

#### 5.5请求参数说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| businessType | 请求业务类型，mobile\_community\_box |
| body | JSON Object，里面包含communityUuid小区UUID参数和当前获取的页数currentPage和每页的数的条数pageSize |
| communityUuid | 小区UUID |
| currentPage | 当前获取的页数 |
| pageSize | 每页的数的条数 |

#### 5.6请求例子



#### 5.7返回内容(需要固定秘钥解密)

message":"处理成立","status":1000}

5.8返回内容说明

解密后：{"boxes":[{"mac":"43:ZL:BY:MH:GT:2B","ssidName":"name","ssidPassword":"pass","uuid":"201703291600400000212"},{"mac":"OC:5N:ME:D7:7K:RW","ssidName":"name","ssidPassword":"pass","uuid":"201703291600400012002"},{"mac":"7D:VA:BB:VI:L3:S6","ssidName":"name","ssidPassword":"pass","uuid":"201703291600401222210"},{"mac":"63:LN:TN:OY:K7:0P","ssidName":"name","ssidPassword":"pass","uuid":"201703291600402120112"},{"mac":"MO:4V:ME:2T:ZX:4V","ssidName":"name","ssidPassword":"pass","uuid":"201703291600402212121"},{"mac":"NH:KJ:MS:DK:0H:ZT","ssidName":"name","ssidPassword":"pass","uuid":"201703291600402221111"},{"mac":"24:BU:6C:QP:R5:17","ssidName":"name","ssidPassword":"pass","uuid":"201703291600410000201"},{"mac":"I7:X3:KB:35:7L:60","ssidName":"name","ssidPassword":"pass","uuid":"201703291600410101101"},{"mac":"WR:R3:KP:9D:M5:75","ssidName":"name","ssidPassword":"pass","uuid":"201703291600412200210"},{"mac":"QJ:AO:B0:RD:RR:0M","ssidName":"name","ssidPassword":"pass","uuid":"201703291600420200011"},{"mac":"0Z:9P:09:VK:9X:7U","ssidName":"name","ssidPassword":"pass","uuid":"201703291600421010201"},{"mac":"M9:LR:91:FB:G3:EM","ssidName":"name","ssidPassword":"pass","uuid":"201703291600421021012"},{"mac":"ZJ:U3:ZQ:V2:CI:0B","ssidName":"name","ssidPassword":"pass","uuid":"201703291600421101101"},{"mac":"OW:J2:VT:7X:TN:NB","ssidName":"name","ssidPassword":"pass","uuid":"201703291600422001002"},{"mac":"IC:MR:VV:9J:AA:KT","ssidName":"name","ssidPassword":"pass","uuid":"201703291600430002022"},{"mac":"FU:IW:GE:UA:D1:IM","ssidName":"name","ssidPassword":"pass","uuid":"201703291600430021120"},{"mac":"D9:OG:IU:JG:WS:11","ssidName":"name","ssidPassword":"pass","uuid":"201703291600430202212"},{"mac":"DM:KS:XS:SF:VW:WV","ssidName":"name","ssidPassword":"pass","uuid":"201703291600430210220"},{"mac":"3P:Y6:JX:NE:DR:TR","ssidName":"name","ssidPassword":"pass","uuid":"201703291600430211101"},{"mac":"0D:8B:KM:Q5:GE:PN","ssidName":"name","ssidPassword":"pass","uuid":"201703291600431011021"},{"mac":"F9:11:PK:BE:JB:12","ssidName":"name","ssidPassword":"pass","uuid":"201703291600431102102"},{"mac":"ID:8Y:M6:ND:6B:JU","ssidName":"name","ssidPassword":"pass","uuid":"201703291600431112001"},{"mac":"RQ:PM:31:AZ:VA:34","ssidName":"name","ssidPassword":"pass","uuid":"201703291600431220121"},{"mac":"RE:92:A7:G6:YE:WY","ssidName":"name","ssidPassword":"pass","uuid":"201703291600432010121"},{"mac":"JY:PQ:GC:GC:1V:14","ssidName":"name","ssidPassword":"pass","uuid":"201703291600432020220"},{"mac":"CP:HI:VZ:IE:5P:08","ssidName":"name","ssidPassword":"pass","uuid":"201703291600432220110"},{"mac":"8W:MV:NW:E3:8G:H0","ssidName":"name","ssidPassword":"pass","uuid":"201703291600440010201"},{"mac":"WR:JS:HP:9I:X2:JG","ssidName":"name","ssidPassword":"pass","uuid":"201703291600440011222"},{"mac":"EZ:D4:JY:E5:M1:8K","ssidName":"name","ssidPassword":"pass","uuid":"201703291600440110001"},{"mac":"6U:F6:G5:H8:2Z:JF","ssidName":"name","ssidPassword":"pass","uuid":"201703291600441000211"},{"mac":"OW:3T:AK:GV:R4:GO","ssidName":"name","ssidPassword":"pass","uuid":"201703291600441002101"},{"mac":"ZF:AD:VE:PC:D6:DV","ssidName":"name","ssidPassword":"pass","uuid":"201703291600441200210"},{"mac":"XK:BR:1O:DB:XL:YE","ssidName":"name","ssidPassword":"pass","uuid":"201703291600441222220"},{"mac":"R7:C8:4C:JK:CM:SV","ssidName":"name","ssidPassword":"pass","uuid":"201703291600442000011"},{"mac":"41:FE:R5:R2:7K:FL","ssidName":"name","ssidPassword":"pass","uuid":"201703291600442102201"},{"mac":"W2:16:PT:SH:ZD:B4","ssidName":"name","ssidPassword":"pass","uuid":"201703291600442202220"},{"mac":"JZ:04:22:QX:Y6:3W","ssidName":"name","ssidPassword":"pass","uuid":"201703291600451002200"},{"mac":"0X:2R:8T:YT:CS:QR","ssidName":"name","ssidPassword":"pass","uuid":"201703291600451122010"},{"mac":"L8:67:7V:RL:TN:1A","ssidName":"name","ssidPassword":"pass","uuid":"201703291600460012100"},{"mac":"8J:DH:GE:H8:ZH:SW","ssidName":"name","ssidPassword":"pass","uuid":"201703291600460101220"},{"mac":"LT:PE:LM:EA:OP:NT","ssidName":"name","ssidPassword":"pass","uuid":"201703291600460122111"},{"mac":"LS:AQ:DJ:3V:ZH:TI","ssidName":"name","ssidPassword":"pass","uuid":"201703291600460210221"},{"mac":"QF:TL:6M:YV:OP:6C","ssidName":"name","ssidPassword":"pass","uuid":"201703291600461001102"},{"mac":"R0:YG:HT:3V:OV:RC","ssidName":"name","ssidPassword":"pass","uuid":"201703291600462100012"},{"mac":"Y9:JQ:S5:Z0:2Q:4J","ssidName":"name","ssidPassword":"pass","uuid":"201703291600462111010"},{"mac":"PD:CC:WG:P1:70:XM","ssidName":"name","ssidPassword":"pass","uuid":"201703291600462222012"},{"mac":"JL:5H:I0:ZZ:4N:DZ","ssidName":"name","ssidPassword":"pass","uuid":"201703291600470020011"},{"mac":"8F:CB:FB:R8:RY:Y1","ssidName":"name","ssidPassword":"pass","uuid":"201703291600470112220"},{"mac":"NZ:M9:4Q:VB:XG:M3","ssidName":"name","ssidPassword":"pass","uuid":"201703291600472002021"},{"mac":"OG:6J:UZ:J6:C6:93","ssidName":"name","ssidPassword":"pass","uuid":"201703291600472101200"},{"mac":"L8:27:Y4:I7:RB:9L","ssidName":"name","ssidPassword":"pass","uuid":"201703291600472121201"},{"mac":"EC:38:F6:3A:JG:TV","ssidName":"name","ssidPassword":"pass","uuid":"201703291600472222010"},{"mac":"V4:35:CE:ZK:QF:U7","ssidName":"name","ssidPassword":"pass","uuid":"201703291600481110122"},{"mac":"37:69:4A:US:DI:4W","ssidName":"name","ssidPassword":"pass","uuid":"201703291600481111220"},{"mac":"70:U6:NA:8X:E5:YO","ssidName":"name","ssidPassword":"pass","uuid":"201703291600490111021"},{"mac":"75:MW:0S:FL:KM:7T","ssidName":"name","ssidPassword":"pass","uuid":"201703291600491010001"},{"mac":"DA:07:54:XX:8Q:95","ssidName":"name","ssidPassword":"pass","uuid":"201703291600491102002"},{"mac":"CM:8P:1O:44:DX:K5","ssidName":"name","ssidPassword":"pass","uuid":"201703291600491200022"},{"mac":"RW:S7:78:AX:YN:RC","ssidName":"name","ssidPassword":"pass","uuid":"201703291600491200202"},{"mac":"UK:QP:AL:Z7:VU:JL","ssidName":"name","ssidPassword":"pass","uuid":"201703291600491201210"},{"mac":"3G:2L:7E:8E:2B:CR","ssidName":"name","ssidPassword":"pass","uuid":"201703291600500001121"},{"mac":"UA:GR:CN:HS:X1:6L","ssidName":"name","ssidPassword":"pass","uuid":"201703291600500112000"},{"mac":"64:3J:MT:9Z:BI:4O","ssidName":"name","ssidPassword":"pass","uuid":"201703291600500211121"},{"mac":"GU:3T:GZ:ZM:DH:WU","ssidName":"name","ssidPassword":"pass","uuid":"201703291600501002212"},{"mac":"1B:EG:NL:ZJ:SI:E0","ssidName":"name","ssidPassword":"pass","uuid":"201703291600501011110"},{"mac":"QV:6W:ZX:7Z:A7:TU","ssidName":"name","ssidPassword":"pass","uuid":"201703291600501012120"},{"mac":"VP:9H:VB:4P:AJ:F5","ssidName":"name","ssidPassword":"pass","uuid":"201703291600501020102"},{"mac":"4D:D2:Q0:Y0:F5:WJ","ssidName":"name","ssidPassword":"pass","uuid":"201703291600501210021"},{"mac":"XJ:C8:M3:XI:9J:74","ssidName":"name","ssidPassword":"pass","uuid":"201703291600501211120"},{"mac":"I1:7B:YO:T3:AE:WP","ssidName":"name","ssidPassword":"pass","uuid":"201703291600502202110"},{"mac":"NA:SU:I9:X0:JH:66","ssidName":"name","ssidPassword":"pass","uuid":"201703291600510110101"},{"mac":"U9:OG:OT:D1:MR:1N","ssidName":"name","ssidPassword":"pass","uuid":"201703291600510200112"},{"mac":"HF:R2:UG:CG:5O:XB","ssidName":"name","ssidPassword":"pass","uuid":"201703291600510211220"},{"mac":"P3:S1:UG:TQ:PB:ZN","ssidName":"name","ssidPassword":"pass","uuid":"201703291600511102112"},{"mac":"T5:X2:23:Q9:O8:D3","ssidName":"name","ssidPassword":"pass","uuid":"201703291600511210112"},{"mac":"S5:8I:UY:SS:D5:01","ssidName":"name","ssidPassword":"pass","uuid":"201703291600512021201"},{"mac":"0M:W7:WZ:K8:46:K6","ssidName":"name","ssidPassword":"pass","uuid":"201703291600512200112"},{"mac":"33:K1:BO:2T:XR:IU","ssidName":"name","ssidPassword":"pass","uuid":"201703291600512202110"},{"mac":"1X:9X:W7:G9:ZF:SI","ssidName":"name","ssidPassword":"pass","uuid":"201703291600512212110"},{"mac":"ZI:UB:VX:PL:51:VU","ssidName":"name","ssidPassword":"pass","uuid":"201703291600521100002"},{"mac":"WL:RW:A2:YC:D5:3J","ssidName":"name","ssidPassword":"pass","uuid":"201703291600521120012"},{"mac":"I5:6F:QS:RZ:YR:OG","ssidName":"name","ssidPassword":"pass","uuid":"201703291600521202101"},{"mac":"0G:8K:AB:XR:0E:MZ","ssidName":"name","ssidPassword":"pass","uuid":"201703291600530201200"},{"mac":"KE:KS:3P:RU:39:UY","ssidName":"name","ssidPassword":"pass","uuid":"201703291600532010002"},{"mac":"RB:B9:ZL:2P:98:GI","ssidName":"name","ssidPassword":"pass","uuid":"201703291600532011021"},{"mac":"ZU:8W:VR:A6:M5:I7","ssidName":"name","ssidPassword":"pass","uuid":"201703291600532110020"},{"mac":"4Z:BF:XL:UH:XV:1D","ssidName":"name","ssidPassword":"pass","uuid":"201703291600540010201"},{"mac":"T8:CS:Z6:FJ:MD:35","ssidName":"name","ssidPassword":"pass","uuid":"201703291600540122212"},{"mac":"4S:DW:6N:SG:GX:LW","ssidName":"name","ssidPassword":"pass","uuid":"201703291600542002102"},{"mac":"7H:3W:JQ:6J:ZD:3O","ssidName":"name","ssidPassword":"pass","uuid":"201703291600542021101"},{"mac":"7Y:JI:G8:4H:JG:7F","ssidName":"name","ssidPassword":"pass","uuid":"201703291600542102102"},{"mac":"6Z:P4:02:S7:YX:T1","ssidName":"name","ssidPassword":"pass","uuid":"201703291600560200120"},{"mac":"KT:W7:J6:5F:Q9:CI","ssidName":"name","ssidPassword":"pass","uuid":"201703291600560211221"},{"mac":"NI:7P:I8:VM:C6:S9","ssidName":"name","ssidPassword":"pass","uuid":"201703291600560220100"},{"mac":"OZ:6O:18:KL:BA:AI","ssidName":"name","ssidPassword":"pass","uuid":"201703291600561021012"},{"mac":"B5:0N:GY:V0:JJ:T5","ssidName":"name","ssidPassword":"pass","uuid":"201703291600570221102"},{"mac":"KV:M7:V2:NU:LX:45","ssidName":"name","ssidPassword":"pass","uuid":"201703291600571012211"},{"mac":"UF:X4:SV:ZG:NS:7F","ssidName":"name","ssidPassword":"pass","uuid":"201703291600572200121"},{"mac":"2I:93:MW:2Q:00:TB","ssidName":"name","ssidPassword":"pass","uuid":"201703291600572201221"},{"mac":"M9:1J:79:DN:U3:RW","ssidName":"name","ssidPassword":"pass","uuid":"201703291600572211111"}],"currentPage":1,"total":19778}

## 6.手机端盒子添加/修改

#### 6.1特别说明：

6.1.1：加密方式，固定秘钥AES加密，加密方式，全部参数加密

6.1.2：功能说明

A：手机端输入必要数据，服务端完成盒子信息添加或信息修改

#### 6.2请求路径

<http://ip:port/adplatform/mobile/resource.html>

#### 6.3请求方式

GET/POST

#### 6.4请求参数（需要固定秘钥加密）

**加密前：**

json = {"appType":"ANDROID","appVersion":"1.0","body":{

"communityUuid":"201702221651198341315",

"boxUuid":"",

"mac":"66:B6:66:FA:44:83",

"note":""

},"businessType":"mobile\_box\_add "}

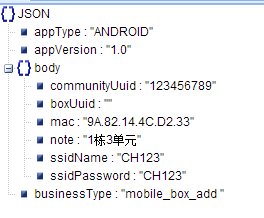
加密后

{"appType":"ANDROID","appVersion":"1.0",

"body":"7EE69BF93DBDBABDE05F61A7CC2BBAF3F5062ED28C95EFA3330D9A853E3B6CDCDE59F05495FEECF6A171C7CF4BA8FD73EEF2796BE405C05366199A8836C5872DDAFD46E9997242119EF200695B8AA7820CF7AC3FDF9DFB34585BEB48D4F882440C8D5B802107D556D82EC38DBC2EA0C101AC0DC3C66D27A50F48703087477FA6162F2FE81B3CEBE160AEE9C5BACE02D8",

"businessType":"mobile\_box\_add"}

#### 6.5请求参数说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| businessType | 请求业务类型，mobile\_box \_add |
| body | JSON Object，里面包含保存box所需的参数 |

body参数说明（需使用固定秘钥加密部分）

|  |  |
| --- | --- |
| **字段名** | **描述** |
| communityUuid \* | 盒子所在小区的ID，必填 |
| boxUuid\* | 为“”时，添加数据，不为空时修改信息 |
| mac \* | 盒子的17为MAC地址，必填 |
| note | 盒子的位置描述 |

#### 6.6请求例子



#### 6.7返回内容

6.7.1：处理成功

{

"body":[],

"message":"处理成功",

"status":1000

}

6.7.2：处理失败

{

"body":[{"fieldName":"communityUuid",

"error":"社区ID不能为空"},

{"fieldName":"mac",

"error":"mac地址不在库存中，请先添加MAC！"},

],

"message":"处理失败",

"status":1001

}

参数说明

|  |  |
| --- | --- |
| 字段 | 描述 |
| body | JSONArray，正文数组 |
| message | 处理结果描述 |
| status | 返回处理状态 |

#### 6.8 返回内容的body（需固定密钥解密的部分）

实例：

{"body":"2B8CAB3C7CDFD8F2B69CE595B7FD07BE9DE9D64A8C4ADE20CDA42DE13AF24038F77D57CF36C532B735404F079EF5EA5A","message":"处理失败","status":1001}

解密后：

{"body":[{"error":"mac不能为空","fieldName":"mac"}],"message":"处理失败","status":1001}

body 中数组项参数说明

|  |  |
| --- | --- |
| 字段 | 描述 |
| fieldName | 字段名称。请求时body中JSON的key-value对的key值 |
| error | 错误信息。校验不通过后的回馈信息 |

## 7.手机端投影仪控制命令添加

#### 7.1特别说明：

7.1.1：加密方式，固定秘钥AES加密，加密方式，全部参数加密

7.1.2：功能说明

A：手机端输入必要数据，服务端完成投影仪控制命令添加

#### 7.2请求路径

<http://ip:port/adplatform/mobile/resource.html>

#### 7.3请求方式

GET/POST

#### 7.4请求参数（需要固定秘钥加密）

**加密前：**

json = {"appType":"ANDROID","appVersion":"1.0","body":{

"comment":"",

"mac":["66:B6:66:FA:44:M3"],

"planTime":"09:15:00",

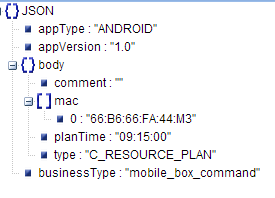
"type":"C\_RESOURCE\_PLAN"},

"businessType":"mobile\_box\_command"}

加密后：

{"appType":"ANDROID","appVersion":"1.0","body":"6FD984869B79E6FFA987668A874F57450DA4A061479DF38D31FBD9A3D4EF02A5AD7BEE1860841643A4E705AE198EDC182D5FDD738FEC48434E41F0B53CC9A805B07210B2604AC221C903BBD25A095F8B054BF87CB5EA90868F0AB49C84B468F4","businessType":"mobile\_box\_command"}

#### 7.5请求参数说明

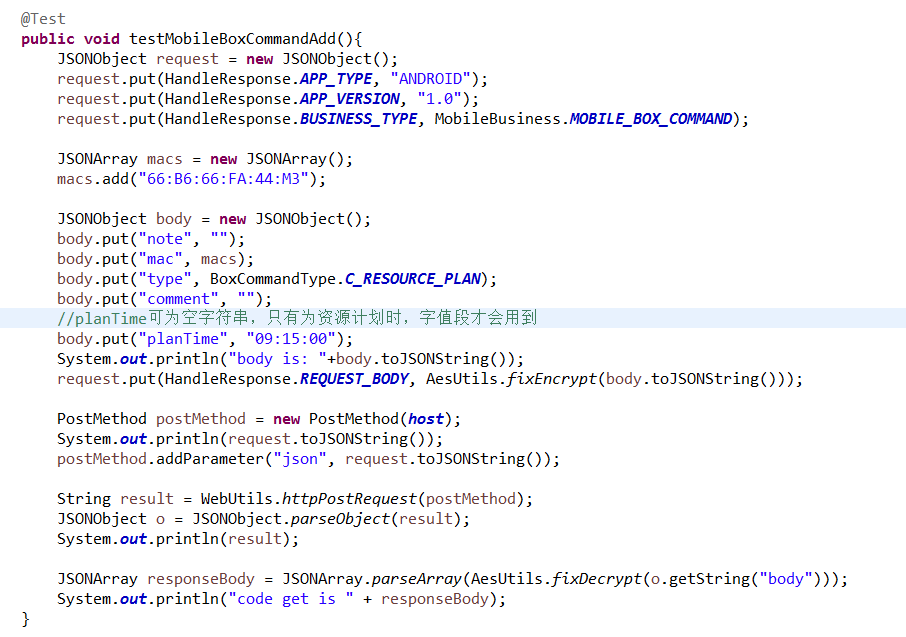


|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| businessType | 请求业务类型，mobile\_box \_command |
| body | JSON Object，里面包含保存box command所需的参数 |

body参数说明（需使用固定秘钥加密部分）

|  |  |
| --- | --- |
| **字段名** | **描述** |
| mac \* | 设备的17为MAC地址字符串JSON数组，必填 |
| comment | 备注 |
| type \* | 控制命令类型，必填 |
| planTime | 计划时间，只有当type是**C\_RESOURCE\_PLAN**时才会用到，格式是：  HH:MM:00，如 10:15:00 |

#### 7.6请求例子



#### 7.7返回内容

7.7.1：处理成功

{

"body":[],

"message":"处理成立",

"status":1000

}

7.7.2：处理失败

{

"body":[{"error":"mac不能为空","fieldName":"mac"}],

"message":"处理失败",

"status":1001

}

参数说明

|  |  |
| --- | --- |
| 字段 | 描述 |
| body | JSONArray，正文数组 |
| message | 处理结果描述 |
| status | 返回处理状态 |

#### 7.8返回内容的body（需固定密钥解密的部分）

实例：

{"body":"2B8CAB3C7CDFD8F2B69CE595B7FD07BE9DE9D64A8C4ADE20CDA42DE13AF24038F77D57CF36C532B735404F079EF5EA5A","message":"处理失败","status":1001}

解密后：

{"body":[{"error":"mac不能为空","fieldName":"mac"}],"message":"处理失败","status":1001}

body 中数组项参数说明

|  |  |
| --- | --- |
| 字段 | 描述 |
| fieldName | 字段名称。请求时body中JSON的key-value对的key值 |
| error | 错误信息。校验不通过后的回馈信息 |

## 8.手机端广告资源下载接口

#### 8.1特别说明

8.1.1 下载请求说明

资源下载使用断点续传的方式，解决网络波动引起的资源下载不全问题。进行断点下载时如果需要进行续传操作，需要在HTTP请求头设置Range 参数。

Rang参数说明如下：

|  |  |
| --- | --- |
| 参数值格式 | 说明 |
| 不设参数 | 从头下载全部资源，适用于第一次下载 |
| bytes=27000- | 从27000字开始下载 |
| bytes=27000-39000 | 从27000字节开始到39000字节结束 |

8.1.2 下载响应说明

接到断点下载请求后，平台会获取指定资源按照请求参数返回对应的字节块，其中会在HTTP响应头设置一些参数，具体如下：

|  |  |  |
| --- | --- | --- |
| 参数名 | 参数值 | 说明 |
| Accept-Ranges | bytes | 告诉客户端允许断点续传多线程连接下载 |
| Content-Range | bytes [文件块的开始字节]-[请求文件块的总大小 - 1]/[文件的总大小] | 返回的文件描述信息，包括请求的开始字节，请求到的总大小，文件的总大小 |
| Content-Disposition | attachment; filename=文件名 | 文件描述 |
| Content-Length | 数值字符串 | 文件大小 |

#### 8.2请求路径

<http://ip:port/adplatform/download/phoneaddownload.html>

#### 8.3请求方式

GET/POST

#### 8.4请求参数（加密传输）

加密前：

json={"appType":"ANDROID","appVersion":"1.0","body":{"uuid":"201703011455391503514"},"mac":"11:11:11:11:11:20"}

加密后:

json={"appType":"ANDROID","appVersion":"1.0","body":"E1DC1BB3CCA6B6A8F9D3F54FF9F909521B51B0C123F87854727619DB2EADF6F4747D22091F8CDF907E6FBC809F68B3BF","mac":"11:11:11:11:11:20"}

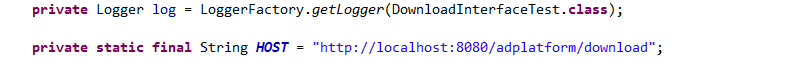
#### 8.5请求参数说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| body | JSON Object，里面包含广告资源的uuid |
| mac | 设备的mac地址 |

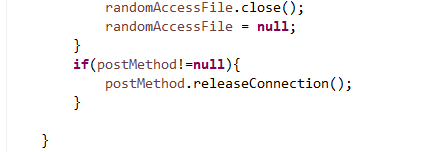
#### 8.6 请求例子

断点下载例子：









#### 8.7 返回内容

返回的内容为请求的文件块

#### 8.8 返回内容说明

返回的内容为文件块，转换成输入流，写入对应的资源文件

## 9.手机端广告资源配置文件下载

#### 9.1 特别说明

9.1.1 请求参数说明

请求参数附加了mac地址，平台使用mac地址进行播放内容的查询，无需加密

#### 9.2 请求路径

<http://ip:port/adplatform/download/phoneconfigdownload.html>

#### 9.3 请求方式

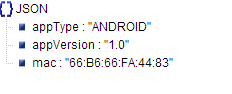
POST/GET

#### 9.4 请求参数

json={"appType":"ANDROID","appVersion":"1.0" ,"mac":"66:B6:66:FA:44:83 "}

无加密数据

#### 9.5请求参数说明



|  |  |
| --- | --- |
| **字段名** | **描述** |
| appType | 终端类型 |
| appVersion | 终端版本 |
| mac | 请求的设备的mac地址 |

#### 9.6 请求实例



#### 9.7返回参数（加密的json）

9.7.1有数据返回

解密前：

{"bodymessage":"处理成功","status":1000}

解密后, JSON内容如下：

{

"body": {

"ID": "201702171532560499581",

"defaulDuration": "5.0",

"playList": [

{

"endDate": "2017.06.01",

"files": [

{

"advertiser": "咕咪",

"agency": "移动",

"duration": "2.0",

"index": "1",

"mineType": "image/jpg",

"repeat": "",

"url": "adresource/2017-02/201702171718442491264.jpg",

"uuid": "201702171718441227631"

}

],

"index": "1",

"name": "黄金6格图",

"repeat": "",

"startDate": "2017.04.01"

}

],

"version": "1"

},

"message": "处理成功",

"status": 1000

}

9.7.2 无数据返回

返回结果：

{"body":"","message":"处理失败","status":1001}

9.7.3 MAC参数为空

{"body":"","message":"没有获取到mac地址","status":1002}

9.7.4 MAC参数无效

{"body":"","message":"mac 地址无效","status":1001}

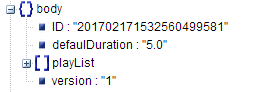
#### 9.8 返回参数说明

JSON第1级参数描述



|  |  |
| --- | --- |
| **字段名** | **描述** |
| body | 正文。为空时处理失败；不为空时为加密的播放配置内容 |
| message | 结果描述信息 |
| status | 处理状态 |

JSON的body字段（解密后）参数描述



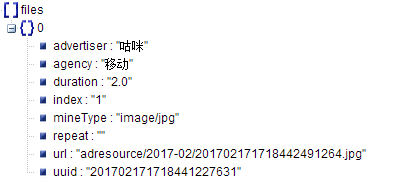
|  |  |
| --- | --- |
| **字段名** | **描述** |
| ID | 播放内容的ID |
| defaulDuration | 默认持续时间，单位为秒(s) |
| playList | 播放列表，描述播放内容，JSONArray |
| version | 版本号 |

playList 数组的项（一条广告）的字段描述



|  |  |
| --- | --- |
| **字段名** | **描述** |
| endDate | 广告的播放截止日期 |
| files | 广告的图片文件描述数组，JSONArray |
| index | 此条广告的播放次序 |
| name | 广告名称 |
| repeat | 重复次数 |
| startDate | 开始日期 |
| duration | 持续时长 |
| index | 播放序列 |
| minetype | 资源类型 |
| repeat | 重复次数 |
| url | 资源请求路径 |

files 数组的项的字段描述



|  |  |
| --- | --- |
| **字段名** | **描述** |
| advertiser | 广告商 |
| agency | 广告代理商 |
| duration | 播放时长 |
| index | 播放序列 |
| minetype | 资源类型 |
| repeat | 重复次数 |
| url | 资源请求路径 |
| uuid | 文件标识符 |

## 10.手机获取应用最新版本

#### 10.1 特别说明

根据请求路径返回数据库中一个最新应用的版本号、Message和状态码，返回结果只对参数的版本号加密（见返回参数说明）；

#### 10.2请求路径

<http://localhost:8080/adplatform/download/phoneapkversion.html>

#### 10.3请求方式

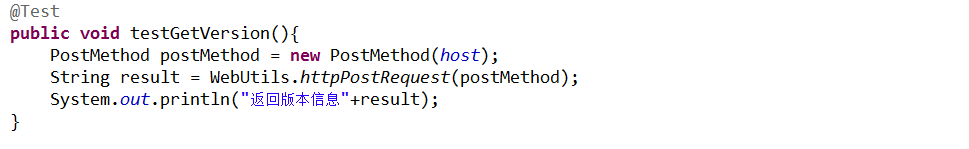
GET/POST

#### 10.4请求参数

无

#### 10.5请求实例





#### 10.6返回参数说明

加密前：json= {"apkversion":"1.1","message":"处理成功","status":1000}

加密后：json= {"apkversion":"E19F2F5213ADE63CB79104987DE332D6FC4E28A6E64B00A3AC4F0A29DC66FD40","message":"处理成功","status":1000}

## 11.手机应用下载

#### 11.1特别说明

11.1.1 下载请求说明

资源下载使用断点续传的方式，解决网络波动引起的资源下载不全问题。进行断点下载时如果需要进行续传操作，需要在HTTP请求头设置Range 参数。

Rang参数说明如下：

|  |  |
| --- | --- |
| 参数值格式 | 说明 |
| 不设参数 | 从头下载全部资源，适用于第一次下载 |
| bytes=27000- | 从27000字开始下载 |
| bytes=27000-39000 | 从27000字节开始到39000字节结束 |

11.1.2 下载响应说明

接到断点下载请求后，平台会获取指定资源按照请求参数返回对应的字节块，其中会在HTTP响应头设置一些参数，具体如下：

|  |  |  |
| --- | --- | --- |
| 参数名 | 参数值 | 说明 |
| Accept-Ranges | bytes | 告诉客户端允许断点续传多线程连接下载 |
| Content-Range | bytes [文件块的开始字节]-[请求文件块的总大小 - 1]/[文件的总大小] | 返回的文件描述信息，包括请求的开始字节，请求到的总大小，文件的总大小 |
| Content-Disposition | attachment; filename=文件名 | 文件描述 |
| Content-Length | 数值字符串 | 客户端请求的字节总量 |

#### 11.2请求路径

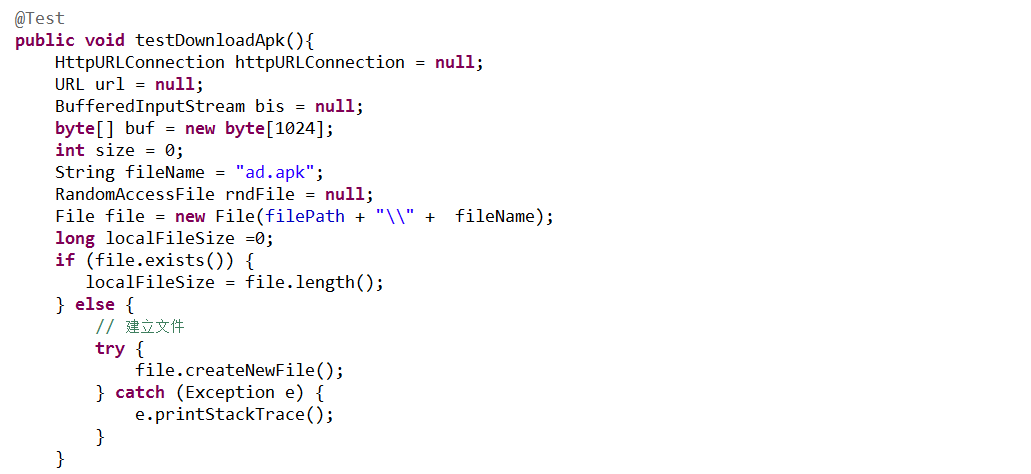
http://localhost:8080/adplatform/download/phoneappdownload.html

#### 11.3请求方式

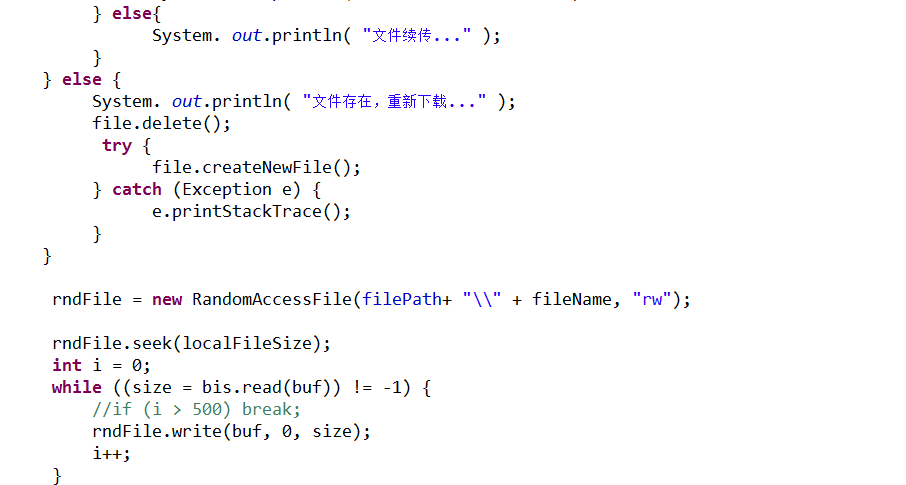
GET/POST

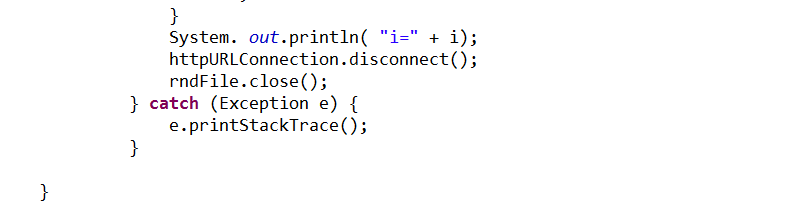
#### 11.4请求实例











#### 11.5返回内容

返回的内容为请求的文件块

#### 11.6返回内容说明

返回的内容为文件块，转换成输入流，写入对应的资源文件