

查询视频信息

接口描述

- 1、通过子账号id和视频id， 查询视频的详细信息

2、接口支持https协议

接口URL

http://api.polyv.net/v3/video/get-video-info

[在线API调用](#)

请求方式

GET

接口约束

1、接口同时支持HTTP 、HTTPS ， 建议使用HTTPS 确保接口安全， 接口调用有频率限制， [详细请查看](#)

请求参数描述

参数名	必选	类型	说明
appId	true	String	保利威点播子账户appId, 获取路径：保利威点播后台->设置->账号管理
timestamp	true	Long	当前时间的毫秒级时间戳， 3分钟内有效
sign	true	String	签名， 32位大写MD5值【详见 MD5签名生成规则 】

参数名	必选	类型	说明
vids	true	String	视频id，多个视频id用英文逗号分隔，例如： "1b448be32370f4822ac40fd926112a66_1,1b448be323d66f3dae8db5af9f1fdce6_1"; 获取路径：保利威点播后台->视频列表； 也可以获取自【 上传视频 】；
filter	false	String	选择需要返回的视频信息，多个以英文逗号分隔，默认为基础信息 basicInfo：基础信息 metaData：元数据 transcodeInfo：转码信息 snapshotInfo：截图信息 例 如："basicInfo,metaData,transcodeInfo,snapshotInfo"

示例

```
http://api.polyv.net/v3/video/get-video-info?
filter=basicInfo%2CmetaData%2CtranscodeInfo%2CsnapshotInfo&vids=1b448be32370f4822ac40fd926112a66_1%2C1b448be323d66f3dae8db5af9f1fdce6_1&appId=a0Wmol5EwX&sign=A840DFCB355E7B3D23AC85EAD6089B18&timestamp=1617939194034
```

响应参数描述

参数名	类型	说明
code	Integer	响应状态码，200为成功返回，非200为失败【详见 全局错误说明 】
status	String	响应状态文本信息
requestId	String	本次请求的业务流水号，便于客户端/服务器端排查问题

参数名	类型	说明
error	Object	响应失败时返回错误的详细信息【详见 error字段说明 】，响应成功时返回空
data	Array	响应成功时返回视频信息列表【详见 data字段说明 】，响应失败时返回空

error字段说明

字段	类型	说明
code	Integer	错误码
desc	String	错误描述【详见 全局错误说明 】

data字段说明

字段	类型	说明
vid	String	视频id
basicInfo	Object	视频的基础信息【详见 basicInfo字段说明 】
metaData	Object	视频的元数据【详见 metaData字段说明 】
transcodeInfos	Array	视频的转码信息列表【详见 transcodeInfos字段说明 】
snapshotInfo	Object	视频的截图信息【详见 snapshotInfo字段说明 】

basicInfo字段说明

字段	类型	说明
title	String	视频标题
description	String	视频描述

字段	类型	说明
duration	Long	源视频时长，单位：秒
coverURL	String	首图地址，大图
miniCoverURL	String	首图地址，小图
largeCoverURL	String	首图地址，大图，同coverURL
creationTime	String	创建时间
updateTime	String	更新时间
size	Long	源文件大小，单位：Bytes
status	Integer	视频状态码，可以参考【 status字段说明 】
catelId	Long	分类id；其中1为根目录，即"默认分类"
cateName	String	分类名称
tags	String	标签
uploader	String	上传者

metaData字段说明

字段	类型	说明
size	Long	源文件大小，单位：Bytes
format	String	视频容器类型，如mp4、flv等
duration	Long	源视频时长，单位：秒
bitrate	Integer	视频码率，单位：bps
fps	Integer	视频帧率
height	Integer	分辨率高，单位：px
width	Integer	分辨率宽，单位：px

字段	类型	说明
codec	String	编码格式，例如：h264、h265等

transcodeInfos字段说明

字段	类型	说明
playUrl	String	播放地址
definition	String	清晰度 SOURCE：原清晰度 LD：普清 SD：标清 HD：高清
bitrate	Integer	码率kbps
duration	Long	时长，秒
encrypt	Boolean	是否加密 1：加密视频 0：非加密
format	String	转码格式，如mp4、flv、pdx、hls
fps	Integer	视频帧率
height	Integer	分辨率高，单位：px
width	Integer	分辨率宽，单位：px
status	String	视频状态 normal：可以正常播放 unavailable：不能正常播放

snapshotInfo字段说明

字段	类型	说明
imageUrl	String[]	截图url数组

status字段说明

视频状态码	说明
60/61	已发布
10	等待编码
20	正在编码
50	等待审核
51	审核不通过
-1	已删除

Java请求示例

快速接入基础代码请[下载相关依赖源码](#)， [点击下载源代码](#) ,下载后加入到自己的源码工程中即可。测试用例中的**HttpUtil.java** 和 **VodSignUtil.java** 都包含在下载文件中。

强烈建议您使用[点播Java SDK](#)完成API的功能对接，点播Java SDK 对API调用逻辑、异常处理、数据签名、HTTP请求线程池进行了统一封装和优化。

```

private static final Logger log = LoggerFactory.getLogger(VodSubAccountTest.class);

/**
 * 查询视频信息
 * @throws Exception
 * @throws NoSuchAlgorithmException
 */
@Test
public void testGetSubVideoInfo() throws Exception, NoSuchAlgorithmException {
    //公共参数,填写自己的实际参数
    String appId = super.appId;
    String appSecret = super.appSecret;
    String timestamp = String.valueOf(System.currentTimeMillis());

    //业务参数
    String url = "http://api.polyv.net/v3/video/get-video-info";
    String vids = "1b448be32370f4822ac40fd926112a66_1,1b448be323d66f3dae8db5af9f1fdce6_1";
    String filter = "basicInfo,metaData,transcodeInfo,snapshotInfo";

    Map<String, String> requestMap = new HashMap<>();
    requestMap.put("appId", appId);
    requestMap.put("timestamp", timestamp);
    requestMap.put("vids", vids);
    requestMap.put("filter", filter);

    //用md5进行签名,使用子账号的secretKey签名
    requestMap.put("sign", VodSignUtil.getSignMd5(requestMap, appSecret));
    String response = HttpUtil.get(url, requestMap);
    log.debug("测试查询视频信息,{", response);
    //do somethings
}

```

响应示例

系统全局错误说明详见[全局错误说明](#)

成功示例

```
{
  "requestId": "2a8a4861-5ab3-40b3-8855-1f9007347580",
  "code": 200,
  "status": "success",
  "error": null,
  "data": [
    {
      "vid": "1b448be32370f4822ac40fd926112a66_1",
      "basicInfo": {
        "title": "b",
        "description": "",
        "duration": 45,
        "coverURL":
"https://img.videocc.net/uimage/1/http://img.videocc.net/uimage/1/1b448be323/6/1b448be32370f4822ac40fd926112a66_1_b.jpg",
        "creationTime": "2021-04-08 10:16:07",
        "updateTime": "2021-04-08 14:03:21",
        "size": 46573287,
        "status": 61,
        "cateId": 1617173363572,
        "cateName": "分类名称2222",
        "tags": "",
        "uploader": "主账号"
      },
      "metaData": {
        "size": 46573287,
        "format": "mp4",
        "duration": 45,
        "bitrate": 7871,
        "fps": 25,
        "height": 720,
        "width": 1280,
        "codec": "h264"
      },
      "transcodeInfos": [
        {
          "playUrl": null,
          "definition": "LD",
          "bitrate": 171,
          "duration": 45,
          "encrypt": true,
          "format": "pdx",
          "fps": 25,
          "height": 720,
          "width": 1280,
          "status": "normal"
        },
        {
          "playUrl": "https://hls.videocc.net/1b448be323/6/1b448be32370f4822ac40fd926112a66_1.m3u8",
          "definition": "LD",
          "bitrate": 171,
          "duration": 45,
          "encrypt": true,
          "format": "hls",
          "fps": 25,

```

```
    "height": 720,
    "width": 1280,
    "status": "normal"
  },
  {
    "playUrl": null,
    "definition": "SD",
    "bitrate": 733,
    "duration": 45,
    "encrypt": true,
    "format": "pdx",
    "fps": 25,
    "height": 720,
    "width": 1280,
    "status": "normal"
  },
  {
    "playUrl": "https://hls.videocc.net/1b448be323/6/1b448be32370f4822ac40fd926112a66_2.m3u8",
    "definition": "SD",
    "bitrate": 733,
    "duration": 45,
    "encrypt": true,
    "format": "hls",
    "fps": 25,
    "height": 720,
    "width": 1280,
    "status": "normal"
  },
  {
    "playUrl": null,
    "definition": "HD",
    "bitrate": 958,
    "duration": 45,
    "encrypt": true,
    "format": "pdx",
    "fps": 25,
    "height": 720,
    "width": 1280,
    "status": "normal"
  },
  {
    "playUrl": "https://hls.videocc.net/1b448be323/6/1b448be32370f4822ac40fd926112a66_3.m3u8",
    "definition": "HD",
    "bitrate": 958,
    "duration": 45,
    "encrypt": true,
    "format": "hls",
    "fps": 25,
    "height": 720,
    "width": 1280,
    "status": "normal"
  }
],
"snapshotInfo": {
  "imageUrl": [
    "https://img.videocc.net/uimage/1/1b448be323/6/1b448be32370f4822ac40fd926112a66_0.jpg",
```

```
        "https://img.videocc.net/uimage/1/1b448be323/6/1b448be32370f4822ac40fd926112a66_1.jpg",
        "https://img.videocc.net/uimage/1/1b448be323/6/1b448be32370f4822ac40fd926112a66_2.jpg",
        "https://img.videocc.net/uimage/1/1b448be323/6/1b448be32370f4822ac40fd926112a66_3.jpg",
        "https://img.videocc.net/uimage/1/1b448be323/6/1b448be32370f4822ac40fd926112a66_4.jpg",
        "https://img.videocc.net/uimage/1/1b448be323/6/1b448be32370f4822ac40fd926112a66_5.jpg"
    ]
}
},
{
    "vid": "1b448be323d66f3dae8db5af9f1fdce6_1",
    "basicInfo": {
        "title": "a",
        "description": "",
        "duration": 44,
        "coverURL": "https://img.videocc.net/uimage/1/1b448be323/6/1b448be323d66f3dae8db5af9f1fdce6_0_b.jpg",
        "creationTime": "2021-04-08 10:15:49",
        "updateTime": "2021-04-08 10:20:06",
        "size": 43721963,
        "status": 61,
        "cateId": 1617173363572,
        "cateName": "分类名称2222",
        "tags": "",
        "uploader": "主账号"
    },
    "metaData": {
        "size": 43721963,
        "format": "mp4",
        "duration": 44,
        "bitrate": 7577,
        "fps": 25,
        "height": 720,
        "width": 1280,
        "codec": "h264"
    },
    "transcodeInfos": [
        {
            "playUrl": null,
            "definition": "LD",
            "bitrate": 168,
            "duration": 44,
            "encrypt": true,
            "format": "pdx",
            "fps": 25,
            "height": 720,
            "width": 1280,
            "status": "normal"
        },
        {
            "playUrl": "https://hls.videocc.net/1b448be323/6/1b448be323d66f3dae8db5af9f1fdce6_1.m3u8",
            "definition": "LD",
            "bitrate": 168,
            "duration": 44,
            "encrypt": true,
            "format": "hls",
            "fps": 25,
            "height": 720,
```

```
    "width": 1280,
    "status": "normal"
  },
  {
    "playUrl": null,
    "definition": "SD",
    "bitrate": 669,
    "duration": 44,
    "encrypt": true,
    "format": "pdx",
    "fps": 25,
    "height": 720,
    "width": 1280,
    "status": "normal"
  },
  {
    "playUrl": "https://hls.videocc.net/1b448be323/6/1b448be323d66f3dae8db5af9f1fdce6_2.m3u8",
    "definition": "SD",
    "bitrate": 669,
    "duration": 44,
    "encrypt": true,
    "format": "hls",
    "fps": 25,
    "height": 720,
    "width": 1280,
    "status": "normal"
  },
  {
    "playUrl": null,
    "definition": "HD",
    "bitrate": 982,
    "duration": 44,
    "encrypt": true,
    "format": "pdx",
    "fps": 25,
    "height": 720,
    "width": 1280,
    "status": "normal"
  },
  {
    "playUrl": "https://hls.videocc.net/1b448be323/6/1b448be323d66f3dae8db5af9f1fdce6_3.m3u8",
    "definition": "HD",
    "bitrate": 982,
    "duration": 44,
    "encrypt": true,
    "format": "hls",
    "fps": 25,
    "height": 720,
    "width": 1280,
    "status": "normal"
  }
],
"snapshotInfo": {
  "imageUrl": [
    "https://img.videocc.net/uimage/1/1b448be323/6/1b448be323d66f3dae8db5af9f1fdce6_0.jpg",
    "https://img.videocc.net/uimage/1/1b448be323/6/1b448be323d66f3dae8db5af9f1fdce6_1.jpg",
```

```
        "https://img.videocc.net/uimage/1/1b448be323/6/1b448be323d66f3dae8db5af9f1fdce6_2.jpg",
        "https://img.videocc.net/uimage/1/1b448be323/6/1b448be323d66f3dae8db5af9f1fdce6_3.jpg",
        "https://img.videocc.net/uimage/1/1b448be323/6/1b448be323d66f3dae8db5af9f1fdce6_4.jpg",
        "https://img.videocc.net/uimage/1/1b448be323/6/1b448be323d66f3dae8db5af9f1fdce6_5.jpg"
    ]
}
}
```

异常示例

```
{
  "requestId": "89733cbd-85fd-480b-bbad-23d51c2197f6",
  "code": 403,
  "status": "error",
  "error": {
    "code": 104,
    "desc": "invalid signature"
  },
  "data": null
}
```