

第一步、获取cid

传入bvid获取cid

将bvid中的%s替换成对应的bvid

```
http://api.bilibili.com/x/web-interface/view?bvid=%s
```

bvid就是图中标记的地方



例如请求：<http://api.bilibili.com/x/web-interface/view?bvid=BV16K411J754>

返回数据的示例：

```
{
  "code": 0,
  "message": "0",
  "ttl": 1,
  "data": {
    "bvid": "BV16K411J754",
    "aid": 498987201,
    "videos": 25,
    "tid": 122,
    "tname": "野生技术协会",
    "copyright": 1,
    "pic":
      "http://i1.hdslb.com/bfs/archive/3a3ad05967949f224b9330d930312a62623037a6.jpg",
    "title": "【阿里P7推荐】Redis最新最详细实战合集通俗易懂",
    "pubdate": 1595749328,
    "ctime": 1595749328,
```

```
"desc": "为热爱java学习的爱好者交流，宗旨则为大家提供一个良好的的学习平台，方便大家互相交流了解，欢迎大家多多的加入。望文明交流 团结互助。有需要更多视频资料的加群：785779447 备注（B站）。",
"state": 0,
"attribute": 16512,
"duration": 41661,
"mission_id": 13954,
"rights": {
  "bp": 0,
  "elec": 0,
  "download": 1,
  "movie": 0,
  "pay": 0,
  "hd5": 0,
  "no_reprint": 1,
  "autoplay": 1,
  "ugc_pay": 0,
  "is_cooperation": 0,
  "ugc_pay_preview": 0,
  "no_background": 0
},
"owner": {
  "mid": 170141743,
  "name": "图灵架构师诸葛",
  "face":
"http://i0.hdslb.com/bfs/face/37638b287e8e1b4a792cd909a38d9dd5d50c408e.jpg"
},
"stat": {
  "aid": 498987201,
  "view": 1113,
  "danmaku": 9,
  "reply": 2,
  "favorite": 209,
  "coin": 27,
  "share": 0,
  "now_rank": 0,
  "his_rank": 0,
  "like": 24,
  "dislike": 0,
  "evaluation": ""
},
"dynamic": "#知识分享官##阿里##JAVA#",
"cid": 216773743,
"dimension": {
  "width": 1920,
  "height": 1080,
  "rotate": 0
},
"no_cache": false,
"pages": [
  {
    "cid": 216773743,
    "page": 1,
    "from": "vupload",
    "part": "1.手动模拟高并发场景秒杀下单超卖Bug",
    "duration": 1722,
    "vid": "",
    "weblink": ""
  }
]
```

```

        "dimension": {
            "width": 1920,
            "height": 1080,
            "rotate": 0
        }
    },
    {
        "cid": 216774065,
        "page": 2,
        "from": "vupload",
        "part": "2.秒杀场景下实战JVM级别锁与分布式锁",
        "duration": 1947,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1920,
            "height": 1080,
            "rotate": 0
        }
    },
    {
        "cid": 216774231,
        "page": 3,
        "from": "vupload",
        "part": "3.大厂分布式锁Redisson框架实战",
        "duration": 1940,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1920,
            "height": 1080,
            "rotate": 0
        }
    },
    {
        "cid": 216774479,
        "page": 4,
        "from": "vupload",
        "part": "4.Redisson使用lua脚本解决锁的原子性问题",
        "duration": 1945,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1920,
            "height": 1080,
            "rotate": 0
        }
    },
    {
        "cid": 216774770,
        "page": 5,
        "from": "vupload",
        "part": "5.Redis主从架构锁失效问题及Redlock详解",
        "duration": 1942,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1920,

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```
        "height": 1080,
        "rotate": 0
    }
},
{
    "cid": 216774996,
    "page": 6,
    "from": "vupload",
    "part": "6. 双十一大促如何将分布式锁性能提升100倍",
    "duration": 1940,
    "vid": "",
    "weblink": "",
    "dimension": {
        "width": 1920,
        "height": 1080,
        "rotate": 0
    }
},
{
    "cid": 216775190,
    "page": 7,
    "from": "vupload",
    "part": "7. 从CAP角度剖析Redis&Zookeeper锁架构异同",
    "duration": 1944,
    "vid": "",
    "weblink": "",
    "dimension": {
        "width": 1920,
        "height": 1080,
        "rotate": 0
    }
},
{
    "cid": 216775516,
    "page": 8,
    "from": "vupload",
    "part": "8. Redis五大核心数据存储结构精讲",
    "duration": 1847,
    "vid": "",
    "weblink": "",
    "dimension": {
        "width": 1920,
        "height": 1080,
        "rotate": 0
    }
},
{
    "cid": 216775611,
    "page": 9,
    "from": "vupload",
    "part": "9. Redis6.0多线程工作模式解析",
    "duration": 1477,
    "vid": "",
    "weblink": "",
    "dimension": {
        "width": 1920,
        "height": 1080,
        "rotate": 0
    }
}
```

```

    }
  },
  {
    "cid": 216775748,
    "page": 10,
    "from": "vupload",
    "part": "10. 如何实现亿级用户日活统计",
    "duration": 1504,
    "vid": "",
    "weblink": "",
    "dimension": {
      "width": 1920,
      "height": 1080,
      "rotate": 0
    }
  },
  {
    "cid": 216775836,
    "page": 11,
    "from": "vupload",
    "part": "11. Redis阻塞队列实现原理",
    "duration": 1798,
    "vid": "",
    "weblink": "",
    "dimension": {
      "width": 1920,
      "height": 1080,
      "rotate": 0
    }
  },
  {
    "cid": 216775947,
    "page": 12,
    "from": "vupload",
    "part": "12. 如何实现一个高性能的延迟队列",
    "duration": 1481,
    "vid": "",
    "weblink": "",
    "dimension": {
      "width": 1920,
      "height": 1080,
      "rotate": 0
    }
  },
  {
    "cid": 216776085,
    "page": 13,
    "from": "vupload",
    "part": "13. Redis ZSet底层跳表实现原理及时间复杂度分析",
    "duration": 1442,
    "vid": "",
    "weblink": "",
    "dimension": {
      "width": 1920,
      "height": 1080,
      "rotate": 0
    }
  },
  },

```

```

{
  "cid": 216776382,
  "page": 14,
  "from": "vupload",
  "part": "14.Redis 如何实现持久化",
  "duration": 1859,
  "vid": "",
  "weblink": "",
  "dimension": {
    "width": 1920,
    "height": 1080,
    "rotate": 0
  }
},
{
  "cid": 216776516,
  "page": 15,
  "from": "vupload",
  "part": "15.面试常问的Redis内存淘汰策略LRU LFU算法",
  "duration": 1779,
  "vid": "",
  "weblink": "",
  "dimension": {
    "width": 1920,
    "height": 1080,
    "rotate": 0
  }
},
{
  "cid": 216776642,
  "page": 16,
  "from": "vupload",
  "part": "16.Redis 是如何处理过期数据的",
  "duration": 1464,
  "vid": "",
  "weblink": "",
  "dimension": {
    "width": 1920,
    "height": 1080,
    "rotate": 0
  }
},
{
  "cid": 216776811,
  "page": 17,
  "from": "vupload",
  "part": "17.Redis 多节点数据同步复制原理",
  "duration": 1203,
  "vid": "",
  "weblink": "",
  "dimension": {
    "width": 1920,
    "height": 1080,
    "rotate": 0
  }
},
{
  "cid": 216776942,

```

```

        "page": 18,
        "from": "vupload",
        "part": "18.Redis缓存穿透&缓存雪崩&缓存失效终极解决",
        "duration": 1638,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1920,
            "height": 1080,
            "rotate": 0
        }
    },
    {
        "cid": 216773886,
        "page": 19,
        "from": "vupload",
        "part": "19.Redis核心数据结构精讲",
        "duration": 1471,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1920,
            "height": 1080,
            "rotate": 0
        }
    },
    {
        "cid": 216777234,
        "page": 20,
        "from": "vupload",
        "part": "20.微博与微信消息流Redis实战",
        "duration": 1551,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1920,
            "height": 1080,
            "rotate": 0
        }
    },
    {
        "cid": 216777355,
        "page": 21,
        "from": "vupload",
        "part": "21.微信点赞、收藏与标签基于Redis实战",
        "duration": 1552,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1920,
            "height": 1080,
            "rotate": 0
        }
    },
    {
        "cid": 216777563,
        "page": 22,
        "from": "vupload",

```

```

        "part": "22. 微博与微信朋友关注模型基于Redis实战",
        "duration": 1553,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1920,
            "height": 1080,
            "rotate": 0
        }
    },
    {
        "cid": 216777897,
        "page": 23,
        "from": "vupload",
        "part": "23. 电商购物车如何用Redis轻松实现",
        "duration": 1554,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1920,
            "height": 1080,
            "rotate": 0
        }
    },
    {
        "cid": 216778174,
        "page": 24,
        "from": "vupload",
        "part": "24. 电商推荐系统如何用Redis轻松实现",
        "duration": 1554,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1920,
            "height": 1080,
            "rotate": 0
        }
    },
    {
        "cid": 216778414,
        "page": 25,
        "from": "vupload",
        "part": "25. Redis深度学习路线指引",
        "duration": 1554,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1920,
            "height": 1080,
            "rotate": 0
        }
    }
],
"subtitle": {
    "allow_submit": false,
    "list": []
}
}

```



```
}
```

获取视频的标题信息（前面就可以获取）

传入cid和bvid进行获取

```
https://api.bilibili.com/x/web-interface/view?cid=%d&bvid=%s
```

替换对应的cid和bvid

例如：

```
https://api.bilibili.com/x/web-interface/view?cid=94678309&bvid=BV1m4411H7pi
```

清晰度

返回的数据示例：

```
{
  "code": 0,
  "message": "0",
  "ttl": 1,
  "data": {
    "bvid": "BV1m4411H7pi",
    "aid": 54124452,
    "videos": 13,
    "tid": 208,
    "tname": "校园学习",
    "copyright": 2,
    "pic":
    "http://i2.hdslb.com/bfs/archive/8916702e0ca76de886865a87a5229694e01492c9.jpg",
    "title": "尚硅谷_ElasticSearch",
    "pubdate": 1559308626,
    "ctime": 1559308626,
    "desc": "www.atguigu.com",
    "state": 0,
    "attribute": 16384,
    "duration": 12645,
    "rights": {
      "bp": 0,
      "elec": 0,
      "download": 1,
      "movie": 0,
      "pay": 0,
      "hd5": 0,
      "no_reprint": 0,
      "autoplay": 1,
      "ugc_pay": 0,
      "is_cooperation": 0,
      "ugc_pay_preview": 0,
      "no_background": 0
    },
    "owner": {
      "mid": 166388537,
      "name": "code_ant",
```

```
    "face":
      "http://i0.hdslb.com/bfs/face/3c2ca277fe9d20c2bd325b5957d6e784b1689ab0.jpg"
    },
    "stat": {
      "aid": 54124452,
      "view": 35041,
      "danmaku": 180,
      "reply": 23,
      "favorite": 1353,
      "coin": 25,
      "share": 29,
      "now_rank": 0,
      "his_rank": 0,
      "like": 95,
      "dislike": 0,
      "evaluation": ""
    },
    "dynamic": "#ElasticSearch##java#",
    "cid": 94678309,
    "dimension": {
      "width": 1366,
      "height": 768,
      "rotate": 0
    },
    "no_cache": false,
    "pages": [
      {
        "cid": 94678309,
        "page": 1,
        "from": "vupload",
        "part": "01_es概述",
        "duration": 1569,
        "vid": "",
        "weblink": "",
        "dimension": {
          "width": 1366,
          "height": 768,
          "rotate": 0
        }
      },
      {
        "cid": 94679334,
        "page": 2,
        "from": "vupload",
        "part": "02_es核心概念",
        "duration": 751,
        "vid": "",
        "weblink": "",
        "dimension": {
          "width": 1280,
          "height": 720,
          "rotate": 0
        }
      },
      {
        "cid": 94679563,
        "page": 3,
        "from": "vupload",
```

```
    "part": "03_存入数据和查询数据机制",
    "duration": 536,
    "vid": "",
    "weblink": "",
    "dimension": {
      "width": 1280,
      "height": 720,
      "rotate": 0
    }
  },
  {
    "cid": 94679785,
    "page": 4,
    "from": "vupload",
    "part": "04_es安装",
    "duration": 1638,
    "vid": "",
    "weblink": "",
    "dimension": {
      "width": 1280,
      "height": 720,
      "rotate": 0
    }
  },
  {
    "cid": 94680691,
    "page": 5,
    "from": "vupload",
    "part": "05_es插件安装",
    "duration": 1503,
    "vid": "",
    "weblink": "",
    "dimension": {
      "width": 1280,
      "height": 720,
      "rotate": 0
    }
  },
  {
    "cid": 94681468,
    "page": 6,
    "from": "vupload",
    "part": "06_api环境搭建",
    "duration": 295,
    "vid": "",
    "weblink": "",
    "dimension": {
      "width": 1280,
      "height": 720,
      "rotate": 0
    }
  },
  {
    "cid": 94681843,
    "page": 7,
    "from": "vupload",
    "part": "07_获取客户端对象api",
    "duration": 704,
```

```
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1366,
            "height": 768,
            "rotate": 0
        }
    },
    {
        "cid": 94682091,
        "page": 8,
        "from": "vupload",
        "part": "08_创建和删除索引",
        "duration": 574,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1366,
            "height": 768,
            "rotate": 0
        }
    },
    {
        "cid": 94682290,
        "page": 9,
        "from": "vupload",
        "part": "09_新建文档",
        "duration": 1427,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1366,
            "height": 768,
            "rotate": 0
        }
    },
    {
        "cid": 94682871,
        "page": 10,
        "from": "vupload",
        "part": "10_搜索索引",
        "duration": 786,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1366,
            "height": 768,
            "rotate": 0
        }
    },
    {
        "cid": 94683137,
        "page": 11,
        "from": "vupload",
        "part": "11_文档的更新和删除",
        "duration": 985,
        "vid": "",
        "weblink": "",
```

```

        "dimension": {
            "width": 1366,
            "height": 768,
            "rotate": 0
        }
    },
    {
        "cid": 94683596,
        "page": 12,
        "from": "vupload",
        "part": "12_条件查询",
        "duration": 1360,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1366,
            "height": 768,
            "rotate": 0
        }
    },
    {
        "cid": 94684132,
        "page": 13,
        "from": "vupload",
        "part": "13_mapping",
        "duration": 517,
        "vid": "",
        "weblink": "",
        "dimension": {
            "width": 1366,
            "height": 768,
            "rotate": 0
        }
    }
],
"subtitle": {
    "allow_submit": false,
    "list": []
}
}

```

第二步、获取视频的播放 url 以及 清晰度等信息

传入cid和bvid进行获取播放数据的url

qn是清晰度例如：64,32,16

```

https://api.bilibili.com/x/player/playurl?
cid=%s&bvid=%s&qn=64&fnver=0&fnval=16&fourk=1

```

示例: <https://api.bilibili.com/x/player/playurl?cid=94679563&bvid=BV1m4411H7pi&qn=64&fnver=0&fnval=16&fourk=1>

返回的json中的data.dash对象中的video数组和audio数组分表存有视频的播放片段数据和音频播放片段的数据，需要下载下来进行合并成一个视频文件

使用ffmpeg对文件进行合并

命令格式示例：

```
ffmpeg -i 下载的视频文件 -i 下载的音频文件 -c copy 合并后的视频文件
```

返回的数据示例：

返回的数据中之所以有多个baseUrl是不同的清晰度，id不同就表示清晰度不同。

同时一个视频有多个地址可以使用，防止一个不能使用了然后就不能播放，因此返回的是多个播放地址，使用的时候只需要用适合的一个即可，音频的链接也一样做了备份，使用其中一个链接下载即可。

注意不可以直接访问下载，因为请求头少了一个参数，后面有说明

```
{
  "code": 0,
  "message": "0",
  "ttl": 1,
  "data": {
    "from": "local",
    "result": "suee",
    "message": "",
    "quality": 64,
    "format": "flv720",
    "timelength": 535637,
    "accept_format": "flv720,flv480,flv360",
    "accept_description": [
      "高清 720P",
      "清晰 480P",
      "流畅 360P"
    ],
    "accept_quality": [
      64,
      32,
      16
    ],
    "video_codec": 7,
    "seek_param": "start",
    "seek_type": "offset",
    "dash": {
      "duration": 536,
      "minBufferTime": 1.5,
      "min_buffer_time": 1.5,
      "video": [
        {
          "id": 64,
```

```
"baseUrl": "http://upos-sz-
mirrormcos.bilibili.com/upgcxcode/63/95/94679563/94679563-1-30064.m4s?
e=ig8euxZM2rNcnbd1h0NvNC8BqJIZNbfqXBVEqXTeto8BTrNvN0GvT90W5JZMkX_YN0MvXg8gNEV4NC
8xNEV4N03eN0B5tZlqNXTeto8BTrNvNeZVuJ10Kj_g2UB02J0mN0B5tZlqNCNeto8BTrNvNC7MTX502C
8f2jmmQJ6mqF2fka1mqx6gqj0eN0B599M=&uipk=5&nbs=1&deadline=1596651706&gen=playurl&
os=cosbv&oi=1993628872&trid=5b291333e5e740829ca69810b5df7b8fu&platform=pc&upsig=
60c64e21a2b5b4cfb7582d1178e5bc23&uparams=e,uipk,nbs,deadline,gen,os,oi,trid,plat
form&mid=396030917&orderid=0,3&agrr=0&logo=80000000",
"base_url": "http://upos-sz-
mirrormcos.bilibili.com/upgcxcode/63/95/94679563/94679563-1-30064.m4s?
e=ig8euxZM2rNcnbd1h0NvNC8BqJIZNbfqXBVEqXTeto8BTrNvN0GvT90W5JZMkX_YN0MvXg8gNEV4NC
8xNEV4N03eN0B5tZlqNXTeto8BTrNvNeZVuJ10Kj_g2UB02J0mN0B5tZlqNCNeto8BTrNvNC7MTX502C
8f2jmmQJ6mqF2fka1mqx6gqj0eN0B599M=&uipk=5&nbs=1&deadline=1596651706&gen=playurl&
os=cosbv&oi=1993628872&trid=5b291333e5e740829ca69810b5df7b8fu&platform=pc&upsig=
60c64e21a2b5b4cfb7582d1178e5bc23&uparams=e,uipk,nbs,deadline,gen,os,oi,trid,plat
form&mid=396030917&orderid=0,3&agrr=0&logo=80000000",
"backupUrl": [
    "http://upos-sz-
mirrormcos.bilibili.com/upgcxcode/63/95/94679563/94679563-1-30064.m4s?
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  "Initialization": "0-1155",
  "indexRange": "1156-2471"
},
"segment_base": {
  "initialization": "0-1155",
  "index_range": "1156-2471"
},
"codecId": 12
},
{
```

```
  "id": 16,
  "baseUr1": "http://upos-sz-
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mirrorkodo.bilibili.com/upgcxcode/63/95/94679563/94679563-1-30015.m4s?
e=ig8euxZM2rNcNbd1hoNVNC8BqJIzNbfqXBVEqXTeto8BTrNVn0GvT90W5JZMkX_YN0MvXg8gNEV4NC
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8f2jmMQJ6mqF2fka1mqx6gqj0eN0B599M=&uipk=5&nbs=1&deadline=1596651706&gen=playurl&
os=kodobv&oi=1993628872&trid=5b291333e5e740829ca69810b5df7b8fu&platform=pc&upsig
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tform&mid=396030917&orderid=0,3&agrr=0&logo=80000000",
```

```
    "base_ur1": "http://upos-sz-
```

```
mirrorkodo.bilibili.com/upgcxcode/63/95/94679563/94679563-1-30015.m4s?
e=ig8euxZM2rNcNbd1hoNVNC8BqJIzNbfqXBVEqXTeto8BTrNVn0GvT90W5JZMkX_YN0MvXg8gNEV4NC
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8f2jmMQJ6mqF2fka1mqx6gqj0eN0B599M=&uipk=5&nbs=1&deadline=1596651706&gen=playurl&
os=kodobv&oi=1993628872&trid=5b291333e5e740829ca69810b5df7b8fu&platform=pc&upsig
=6c657f6382f5bbd73c3c2b80a953976d&uparams=e,uipk,nbs,deadline,gen,os,oi,trid,pla
tform&mid=396030917&orderid=0,3&agrr=0&logo=80000000",
```

```
    "backupUr1": [
```

```
      "http://upos-sz-
```

```
mirrorkodo.bilibili.com/upgcxcode/63/95/94679563/94679563-1-30015.m4s?
e=ig8euxZM2rNcNbd1hoNVNC8BqJIzNbfqXBVEqXTeto8BTrNVn0GvT90W5JZMkX_YN0MvXg8gNEV4NC
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8f2jmMQJ6mqF2fka1mqx6gqj0eN0B599M=&uipk=5&nbs=1&deadline=1596651706&gen=playurl&
os=kodobv&oi=1993628872&trid=5b291333e5e740829ca69810b5df7b8fu&platform=pc&upsig
=6c657f6382f5bbd73c3c2b80a953976d&uparams=e,uipk,nbs,deadline,gen,os,oi,trid,pla
tform&mid=396030917&orderid=1,3&agrr=0&logo=40000000",
```

```
      "http://upos-sz-
```

```
mirrorkodob.bilibili.com/upgcxcode/63/95/94679563/94679563-1-30015.m4s?
e=ig8euxZM2rNcNbd1hoNVNC8BqJIzNbfqXBVEqXTeto8BTrNVn0GvT90W5JZMkX_YN0MvXg8gNEV4NC
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os=kodobbv&oi=1993628872&trid=5b291333e5e740829ca69810b5df7b8fu&platform=pc&upsi
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```

```
    ],
```

```
    "backup_ur1": [
```

```

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        mirrorkodo.bilibili.com/upgcxcode/63/95/94679563/94679563-1-30015.m4s?
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        8f2jmmQJ6mqF2fka1mqx6gqj0eN0B599M=&uipk=5&nbs=1&deadline=1596651706&gen=playurl&
        os=kodobv&oi=1993628872&trid=5b291333e5e740829ca69810b5df7b8fu&platform=pc&upsig
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    "frame_rate": "16000/1072",
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    "start_with_sap": 1,
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        "indexRange": "975-2290"
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        "index_range": "975-2290"
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},
{
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    e=ig8euxZM2rNcnbd1hoNvNC8BqJIZNbfqXBvEqxTEto8BTrNvN0GvT90W5JZMkX_YN0MvXg8gNEV4NC
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    "backupurl": [

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mirrorkodo.bilibili.com/upgcxcode/63/95/94679563/94679563-1-30011.m4s?
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8xNEV4N03eN0B5tZlqNxTEto8BTrNvNeZVuJ10Kj_g2UB02J0mN0B5tZlqNCNEto8BTrNvNC7MTX502C
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mirrorkodob.bilibili.com/upgcxcode/63/95/94679563/94679563-1-30011.m4s?
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8xNEV4N03eN0B5tZlqNxTEto8BTrNvNeZVuJ10Kj_g2UB02J0mN0B5tZlqNCNEto8BTrNvNC7MTX502C
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mirrorkodob.bilibili.com/upgcxcode/63/95/94679563/94679563-1-30011.m4s?
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    "height": 360,
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    "frame_rate": "16000/1056",
    "sar": "1:1",
    "startWithSap": 1,
    "start_with_sap": 1,
    "SegmentBase": {
        "Initialization": "0-1155",
        "indexRange": "1156-2471"
    },
    "segment_base": {
        "initialization": "0-1155",
        "index_range": "1156-2471"
    },
    "codecId": 12
}
],
"audio": [
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mirrorcos.bilivideo.com/upgcxcode/63/95/94679563/94679563-1-30280.m4s?
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8xNEV4N03eN0B5tZlqNxTEto8BTrNvNeZVuJ10Kj_g2UB02J0mN0B5tZlqNCNEto8BTrNvNC7MTX502C
8f2jmMQJ6mqF2fka1mqx6gqj0eN0B599M=&uipk=5&nbs=1&deadline=1596651706&gen=playurl&
os=cosbv&oi=1993628872&trid=5b291333e5e740829ca69810b5df7b8fu&platform=pc&upsig=
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  "base_ur1": "http://upos-sz-
mirrorcos.bilivideo.com/upgcxcode/63/95/94679563/94679563-1-30280.m4s?
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8xNEV4N03eN0B5tZlqNxTEto8BTrNvNeZVuJ10Kj_g2UB02J0mN0B5tZlqNCNEto8BTrNvNC7MTX502C
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os=cosbv&oi=1993628872&trid=5b291333e5e740829ca69810b5df7b8fu&platform=pc&upsig=
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mirrorcosb.bilivideo.com/upgcxcode/63/95/94679563/94679563-1-30280.m4s?
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  ],
  "backup_ur1": [
    "http://upos-sz-
mirrorcos.bilivideo.com/upgcxcode/63/95/94679563/94679563-1-30280.m4s?
e=ig8euxZM2rNcnbd1hoNVNC8BqJIzNbfqXBvEqxTEto8BTrNvN0GvT90w5JZMkX_YN0MvXg8gNEV4NC
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os=cosbv&oi=1993628872&trid=5b291333e5e740829ca69810b5df7b8fu&platform=pc&upsig=
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    "http://upos-sz-
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  "mime_type": "audio/mp4",
  "codecs": "mp4a.40.2",
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"start_with_sap": 0,
"segmentBase": {
  "initialization": "0-907",
  "indexRange": "908-2235"
},
"segment_base": {
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  "index_range": "908-2235"
},
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"id": 30216,
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"baseUrl": "http://upos-sz-
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8xNEV4N03eN0B5tZlqnxTEto8BTrNvNeZvuJ10Kj_g2UB02J0mN0B5tZlqNCNEto8BTrNvNC7MTX502C
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"baseUrl": "http://upos-sz-
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e=ig8euxZM2rNcnbd1h0NvNC8BqJIZNbfqXBvEqxTEto8BTrNvN0GvT90W5JZMkX_YN0MvXg8gNEV4NC
8xNEV4N03eN0B5tZlqnxTEto8BTrNvNeZvuJ10Kj_g2UB02J0mN0B5tZlqNCNEto8BTrNvNC7MTX502C
8f2jmMQJ6mqF2fka1mqx6gqj0eN0B599M=&uipk=5&nbs=1&deadline=1596651706&gen=playurl&
os=kodobv&oi=1993628872&trid=5b291333e5e740829ca69810b5df7b8fu&platform=pc&upsig
=ee708af43b9536dc55fd6245cd903e4b&uparams=e,uipk,nbs,deadline,gen,os,oi,trid,pla
tform&mid=396030917&orderid=0,3&agrr=0&logo=80000000",
```

```
"backupUrl": [
```

```
"http://upos-sz-
```

```
mirrorkodo.bilibili.com/upgcxcode/63/95/94679563/94679563-1-30216.m4s?
```

```
e=ig8euxZM2rNcnbd1h0NvNC8BqJIZNbfqXBvEqxTEto8BTrNvN0GvT90W5JZMkX_YN0MvXg8gNEV4NC
8xNEV4N03eN0B5tZlqnxTEto8BTrNvNeZvuJ10Kj_g2UB02J0mN0B5tZlqNCNEto8BTrNvNC7MTX502C
8f2jmMQJ6mqF2fka1mqx6gqj0eN0B599M=&uipk=5&nbs=1&deadline=1596651706&gen=playurl&
os=kodobv&oi=1993628872&trid=5b291333e5e740829ca69810b5df7b8fu&platform=pc&upsig
=ee708af43b9536dc55fd6245cd903e4b&uparams=e,uipk,nbs,deadline,gen,os,oi,trid,pla
tform&mid=396030917&orderid=1,3&agrr=0&logo=40000000",
```

```
"http://upos-sz-
```

```
mirrorkodob.bilibili.com/upgcxcode/63/95/94679563/94679563-1-30216.m4s?
```

```
e=ig8euxZM2rNcnbd1h0NvNC8BqJIZNbfqXBvEqxTEto8BTrNvN0GvT90W5JZMkX_YN0MvXg8gNEV4NC
8xNEV4N03eN0B5tZlqnxTEto8BTrNvNeZvuJ10Kj_g2UB02J0mN0B5tZlqNCNEto8BTrNvNC7MTX502C
8f2jmMQJ6mqF2fka1mqx6gqj0eN0B599M=&uipk=5&nbs=1&deadline=1596651706&gen=playurl&
os=kodobv&oi=1993628872&trid=5b291333e5e740829ca69810b5df7b8fu&platform=pc&upsig
=902fc2b9a010340900d5554fcb1c30f5&uparams=e,uipk,nbs,deadline,gen,os,oi,trid,pla
tform&mid=396030917&orderid=2,3&agrr=0&logo=40000000"
```

```
],
```

```
"backupUrl": [
```


在第二步的基础上，请求路径就是获取到的baseUrl，请求头中需要加上上面的参数，注意修改

第四步、合并视频和音频文件

通过第三方工具进行合并

工具下载页面：<https://ffmpeg.org/download.html>

选择对应操作系统的文件

例如windows系统，



工具的使用方式是

```
ffmpeg -i 下载的视频文件 -i 下载的音频文件 -c copy 合并后的视频文件
```

其它Api

获取作者详细详情

传入aid获取

```
https://api.bilibili.com/x/web-interface/view/detail?aid=%s
```

示例：<https://api.bilibili.com/x/web-interface/view/detail?aid=54124452>

示例略。