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## 1. 接口文档说明

该项目所有接口使用的都是由网易云音乐提供的开放接口，最终请求的地址是自己使用 NodeJs 搭建的服务器接口，流程为先请求自己搭建的 NodeJs 服务器，由 NodeJs 转发请求给网易云音乐的服务器，此举的目的是为了接口规范, 统一化

## 2. 适用项目

音乐类项目

## 3. 接口列表

### 3.1 banner 轮播图

- 说明: 调用此接口，可获取 banner( 轮播图 ) 数据
- 接口地址：`/banner`
- 请求方式: GET
- 可选参数 :`type`:资源类型,对应以下类型,默认为 0 即 PC
  - 0 PC
  - 1 android

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- 2 iphone

- 3 ipad

- 调用例子：`/banner || /banner?type=2`

- 返回数据

```
{
  "banners": [
    {
      "imageUrl": "http://p1.music.126.net/ePhpT0pW1XX8RfqEijwHA==/109951164809246010.jpg",
      "targetId": 1430652542,
      "adid": null,
      "targetType": 1,
      "titleColor": "red",
      "typeTitle": "独家",
      "url": null,
      "exclusive": false,
      "monitorImpress": null,
      "monitorClick": null,
      "monitorType": null,
      "monitorImpressList": null,
      "monitorClickList": null,
      "monitorBlackList": null,
      "extMonitor": null,
      "extMonitorInfo": null,
      "adSource": null,
      "adLocation": null,
      "adDispatchJson": null,
      "encodeId": "1430652542",
      "program": null,
      "event": null,
      "video": null,
      "song": null,
    }
  ]
}
```

## 3.2 推荐歌单

- 说明：调用此接口，可获取推荐歌单

- 接口地址：`/personalized`

- 请求方式：GET

- 可选参数：`limit`：取出数量，默认为 30 (不支持 `offset`)

- 调用例子：`/personalized?limit=1`

- 返回数据

```
▼ {
  "hasTaste": false,
  "code": 200,
  "category": 0,
  "result": [
    ▼ {
      "id": 924680166,
      "type": 0,
      "name": "[华语速爆新歌] 最新华语音乐推荐",
      "copywriter": "编辑推荐: 优质华语新歌, 网易云音乐每周二精选推荐",
      "picUrl": "https://p1.music.126.net/DvnJXH9q5oAzozm-UY6bYA==/109951164807761846.jpg",
      "canDislike": false,
      "trackNumberUpdateTime": 1584288000000,
      "playCount": 761991040,
      "trackCount": 30,
      "highQuality": false,
      "alg": "featured"
    },
    ▼ {
      "id": 2994027572,
      "type": 0,
      "name": "我会带上所有的温柔和美好奔向你",
      "copywriter": "编辑推荐: 会有人不顾一切来拥抱你",
      "picUrl": "https://p1.music.126.net/LFE9LkLU8kv6YHiuNEAhQ==/109951164526362985.jpg",
      "canDislike": false,
      "trackNumberUpdateTime": 1574667116727,
      "playCount": 386222,
      "trackCount": 36
    }
  ]
}
```

### 3.3 排行榜

- 说明: 调用此接口 , 可获取排行榜数据
- 接口地址: `/top/list`
- 请求方式: GET
- 必选参数: idx: 对应 key, 对应以下排行榜
- 调用例子: `/top/list?idx=6`
- 注意: idx 可选值: 0 - 20
- 返回数据:

```
▼ {
  "code": 200,
  "relatedVideos": null,
  ▼ "playlist": {
    "subscribers": [],
    "subscribed": false,
    ▶ "creator": {""}, // 27 items
    ▶ "tracks": [""], // 100 items
    ▶ "trackIds": [""], // 100 items
    "updateFrequency": null,
    "backgroundCoverId": 0,
    "backgroundCoverUrl": null,
    "titleImage": 0,
    "titleImageUrl": null,
    "englishTitle": null,
    "opRecommend": false,
    "adType": 0,
    "trackNumberUpdateTime": 1584500826834,
    "subscribedCount": 1126822,
    "cloudTrackCount": 0,
    "createTime": 1358823076818,
    "highQuality": false,
    "userId": 48171,
    "updateTime": 1584500827748,
    "coverImgId": 18641120139148116,
    "newImported": false,
  },
}
```

### 3.4 手机号登录

- 说明: 该接口用于手机号登录网易云音乐, 需要网易云音乐真实的账号密码
- 接口地址: `/login/cellphone`
- 请求方式: GET
- 必选参数: phone: 手机号码 password: 密码
- 可选参数: countrycode: 国家码, 用于国外手机号登陆, 例如美国传入: 1
- 调用例子: `/login/cellphone?phone=xxx&password=yyy`
- 返回数据:

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## 1. 手机号错误

```
▼ {  
  "code": 400  
}
```

## 2. 密码错误

```
▼ {  
  "msg": "密码错误",  
  "code": 502,  
  "message": "密码错误"  
}
```

### 3. 登录成功

```
▼ {
  "loginType": 1,
  "code": 200,
  "account": [ ... ], // 14 items
  "token": "ddle20826b2176327b24c14620c4f23a7839fad9434750709711ccc869fa31f1c1d2c57229482dedc58ec27e013dfb337955a739ab43dce1",
  "profile": {
    "description": "",
    "detailDescription": "",
    "followed": false,
    "backgroundUrl": "https://p3.music.126.net/2zSNIqTepHL2jIvU6hG0EA==/109951162868128395.jpg",
    "avatarImgIdStr": "109951163250233892",
    "backgroundImgIdStr": "109951162868128395",
    "djStatus": 0,
    "userId": 2075939212,
    "vipType": 0,
    "gender": 0,
    "accountStatus": 0,
    "birthday": -2209017600000,
    "avatarImgId": 109951163250233890,
    "nickname": "志勇在线",
    "city": 150100,
    "backgroundImgId": 109951162868128400,
    "userType": 0,
    "defaultAvatar": true,
    "avatarUrl": "https://p4.music.126.net/ma8NC_MpYqC-dK_L81FWXQ==/109951163250233892.jpg",
    "province": 150000,
    "experts": {},
    "remarkName": null,
  }
}
```

### 3.5 获取用户播放记录

- 说明: 该接口用于获取用户最近播放记录, 需要登录以后才能获取
- 接口地址: `/user/record`
- 请求方式: GET
- 必选参数: uid : 用户 id
- 可选参数: type : type=1 时只返回 weekData, type=0 时返回 allData
- 调用例子: `/user/record?uid=32953014&type=1`
- 返回数据格式:

```
{
  "allData": [
    {
      "playCount": 13,
      "score": 100,
      "song": {
        "name": "友情岁月",
        "id": 193535,
        "pst": 0,
        "t": 0,
        "ar": [
          {
            "id": 6491,
            "name": "郑伊健",
            "tns": [],
            "alias": []
          }
        ],
        "alia": [
          "电影《古惑仔 I 》主题曲"
        ],
        "pop": 100,
        "st": 0,
        "rt": "",
        "fee": 8,
        "v": 18,
        "crbt": null,
        "cf": ""
      }
    }
  ]
}
```

## 3.6 获取视频标签列表

- 说明: 该接口用于获取视频导航标签列表数据
- 接口地址: `/video/group/list`
- 请求方式: GET
- 参数说明: 无
- 调用例子: `/video/group/list`

- 备注说明: 原数据有 100 条, 如果不需要太多可进行数据截取
- 返回数据:

```
{
  "code": 200,
  "message": "success",
  "data": [
    {
      "id": 251120,
      "name": "元气食堂",
      "url": "",
      "relatedVideoType": null,
      "selectTab": false,
      "abExtInfo": null
    },
    {
      "id": 249121,
      "name": "宫崎骏",
      "url": "",
      "relatedVideoType": null,
      "selectTab": false,
      "abExtInfo": null
    },
    {
      "id": 243125,
      "name": "#歌手#",
      "url": "",
      "relatedVideoType": null,
      "selectTab": false,
      "abExtInfo": null
    }
  ]
}
```

### 3.7 获取视频标签下对应的视频数据

- 说明: 该接口用于获取导航标签对应的视频列表数据
- 接口地址: `/video/group`
- 请求方式: GET
- 必选参数: id: videoGroup 的 id
- 调用例子: `/video/group?id=9104`
- 注意事项:
  - 需要先登录



- 发请求需要携带用户 cookie

➤ 返回数据:

```
{
  "msg": "发现了更多新内容",
  "code": 200,
  "hasmore": true,
  "datas": [
    {
      "type": 1,
      "displayed": false,
      "alg": "onlineHotGroup",
      "extAlg": null,
      "data": {
        "alg": "onlineHotGroup",
        "scm": "1.music-video-timeline.video_timeline.video.181017.-295043608",
        "threadId": "R_VI_62_D4058F3D8DB3087B60C0BFC74EB40221",
        "coverUrl": "https://p2.music.126.net/zZbrQdKMzRfzxMVz-41v1Q==/109951164635736671.jpg",
        "height": 540,
        "width": 998,
        "title": "虞美人盛开的山坡",
        "description": "爱宫崎骏的画风[强]",
        "commentCount": 49,
        "shareCount": 117,
        "resolutions": [
          {
            "resolution": 240,
            "size": 18064841
          },
          {
            "resolution": 480,
```

### 3.8 获取每日推荐歌曲

- 说明: 该接口用于获取给用户的每日推荐数据
- 接口地址: `/recommend/songs`
- 请求方式: GET
- 参数说明: 无
- 调用例子: `/recommend/songs`
- 注意事项:

- 需要登录, 携带 cookie

- 数据量大，可自行整合

➤ 返回数据:

```
{
  "code": 200,
  "recommend": [
    {
      "name": "烦恼歌",
      "id": 187672,
      "position": 9,
      "alias": [],
      "status": 0,
      "fee": 8,
      "copyrightId": 7003,
      "disc": "1",
      "no": 9,
      "artists": [
        {
          "name": "张学友",
          "id": 6460,
          "picId": 0,
          "imgId": 0,
          "briefDesc": "",
          "picUrl": "http://p1.music.126.net/6y-UleORITeDbvrOLV0Q8A==/5639395138885805.jpg",
          "imgUrl": "http://p1.music.126.net/6y-UleORITeDbvrOLV0Q8A==/5639395138885805.jpg",
          "albumSize": 0,
          "alias": [],
          "trans": "",
          "musicSize": 0,
          "topicPerson": 0
        }
      ]
    }
  ]
}
```

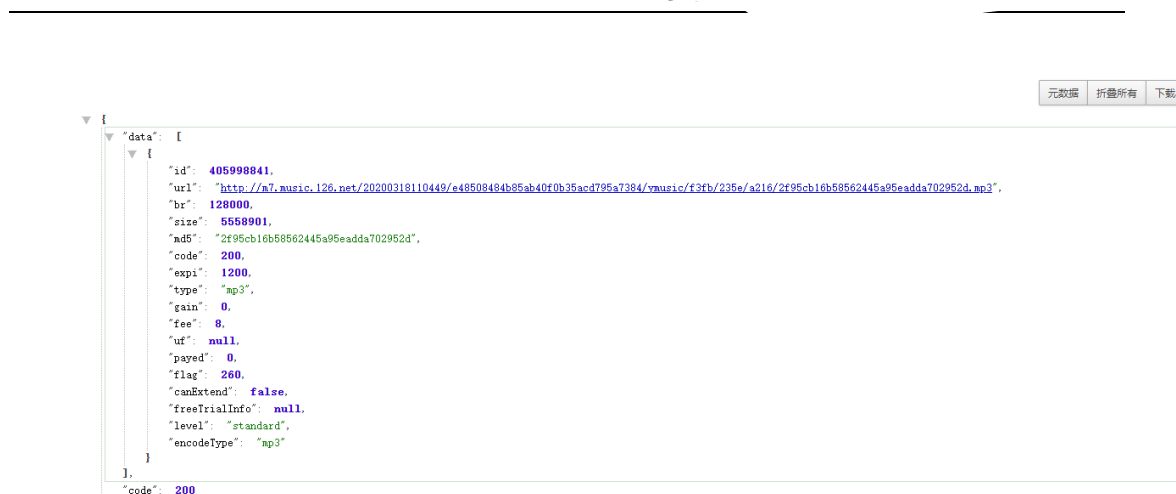
### 3.9 获取音乐详情

- 说明: 该接口用于获取歌曲对应的详情信息，需要根据歌曲的 id 获取
- 接口地址: </song/detail>
- 请求方式: GET
- 必选参数: ids: 音乐 id, 如 ids=347230
- 调用例子: </song/detail?ids=347230>
- 返回数据格式:

```
{
  "songs": [
    {
      "name": "海阔天空",
      "id": 347230,
      "pst": 0,
      "t": 0,
      "al": [
        {
          "id": 11127,
          "name": "Beyond",
          "tns": [],
          "alias": []
        }
      ],
      "alia": [],
      "pop": 100,
      "st": 0,
      "rt": "600902000004240302",
      "fee": 8,
      "v": 32,
      "crbt": null,
      "cf": "",
      "al": [
        {
          "id": 34209,
          "name": "海阔天空",
          "picUrl": "https://p1.music.126.net/QHw-RuMwfQkmetivRpGs0Q==/102254581395219.jpg",
          "tns": [],
          "pic": 102254581395219
        }
      ]
    }
  ]
}
```

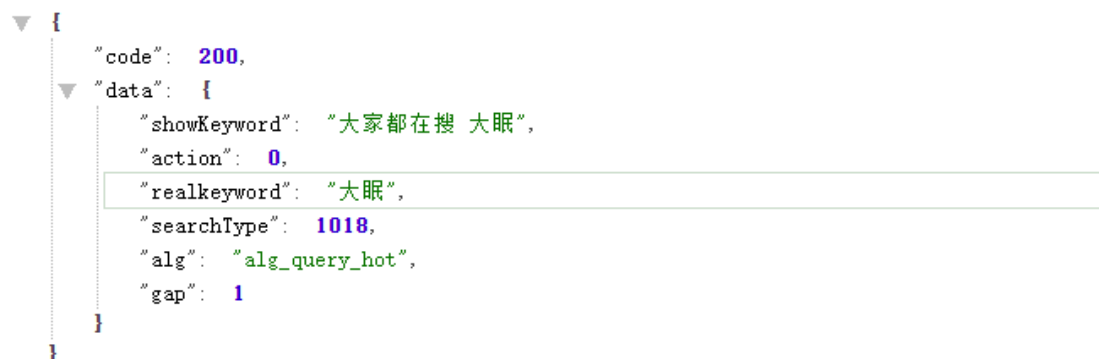
### 3.10 获取歌曲播放地址

- 说明: 该接口用于获取歌曲的播放地址, 需要根据歌曲的 id 获取
- 接口地址: `/song/url`
- 请求方式: GET
- 必选参数: id: 音乐 id
- 调用例子: `/song/url?id=33894312`
- 返回数据:



### 3.11 默认搜索关键字接口

- 说明: 该接口用于获取默认搜索关键字显示在搜索框中
- 接口地址: </search/default>
- 请求方式: GET
- 参数说明: 无
- 调用例子: </search/default>
- 返回数据:



## 3.12 热搜榜接口

- 说明：该接口用于获取热搜数据
- 接口地址： </search/hot/detail>
- 请求方式：GET
- 参数说明：无
- 调用示例： </search/hot/detail>
- 返回数据：

```
{
  "code": 200,
  "data": [
    {
      "searchWord": "鱼",
      "score": 4310692,
      "content": "“原谅我飞，曾经眷恋太阳”",
      "source": 0,
      "iconType": 5,
      "iconUrl": "https://p1.music.126.net/PtgUJbcvDAY0HKWpmOB2HA==/109951163967988470.png",
      "url": "",
      "alg": "alg_statistics"
    },
    {
      "searchWord": "宿敌",
      "score": 3100202,
      "content": "“我借你的孤单，今生恐怕难还”",
      "source": 0,
      "iconType": 5,
      "iconUrl": "https://p1.music.126.net/PtgUJbcvDAY0HKWpmOB2HA==/109951163967988470.png",
      "url": "",
      "alg": "alg_statistics"
    },
    {
      "searchWord": "歌手当打之年",

```

## 3.13 搜索接口

- 说明：该接口用于根据用户输入的内容进行模糊匹配搜索
- 接口地址： </search>
- 请求方式：GET

- 
- 必选参数 **keywords**: 用户搜索关键词
  - 可选参数: **limit** 返回数量, 默认为 30
  - 调用示例: `/search?keywords=海阔天空&limit=10`

```
{
  "result": {
    "songs": [
      {
        "id": 346576,
        "name": "光辉岁月",
        "artists": [
          {
            "id": 11127,
            "name": "Beyond",
            "picUrl": null,
            "alias": [],
            "albumSize": 0,
            "picId": 0,
            "img1v1Url": "https://p2.music.126.net/6v-UleORIEDbvrOLV0Q8A==/5639395138885805.jpg",
            "img1v1": 0,
            "trans": null
          }
        ],
        "album": {
          "id": 34147,
          "name": "光辉岁月十五年",
          "artist": {
            "id": 0,
            "name": "",
            "picUrl": null,
            "alias": [],
            "albumSize": 0,

```