

# 网易云音乐常用API浅析

话不多说

PC客户端抓包而来

## 0.说明

关于头部信息

1	Cookie: os=pc; deviceId=B55AC773505E5606F9D355A1A15553CE78B89FC7D8CB8A157B84; osver=Microsoft-Windows-8-Professional-build-9200-64bit; appver=1.5.0.75771; usertrack=ezq0alR0yqJ
2	MJC0dr9tEAg==; MUSIC_A=088a57b553bd8cef58487f9d01ae
	User-Agent: Mozilla/5.0 (Windows NT 6.2; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/35.0.1916.138 Safari/537.36\r\n

上面是抓到的信息，其中必要的只有cookie中的appver。而且如果要调用api，必须加上Referer，只要是music.163.com的就可以

1	Cookie: appver=1.5.0.75771;
2	Referer: http://music.163.com/

以上两条即可

返回的格式均为json

## 1.搜索

抓取到的信息如下

1	Full request URI: http://music.163.com/api/search/pc
2	Key: hlpretag
3	Value: <span class="s-fc2">
4	Key: hlposttag
5	Value: </span>
6	Key: s
7	Value: \345\226\234\346\254\242\344\275\240
8	Key: offset
9	Value: 0
10	Key: total
11	Value: true
12	Key: limit
13	Value: 100
14	Key: type
15	Value: 1

URL:

POST http://music.163.com/api/search/pc

必要参数:

s: 搜索的内容

offset: 偏移量（分页用）

limit: 获取的数量

type: 搜索的类型

歌曲 1

专辑 10

歌手 100

歌单 1000

用户 1002

mv 1004

歌词 1006

广播电台 1009

## 2.歌曲信息

1	Full request URI: <a href="http://music.163.com/api/song/detail?id=28377211&amp;ids=%5B28377211%5D">http://music.163.com/api/song/detail?id=28377211&amp;ids=%5B28377211%5D</a>
---	---

URL:

GET <http://music.163.com/api/song/detail/>

必要参数:

id: 歌曲ID

ids: 不知道干什么用的, 用[]括起来的歌曲ID

## 3.歌手专辑

1	Full request URI: <a href="http://music.163.com/api/artist/albums/166009?id=166009&amp;offset=0&amp;total=true&amp;limit=5">http://music.163.com/api/artist/albums/166009?id=166009&amp;offset=0&amp;total=true&amp;limit=5</a>
---	---

URL:

GET <http://music.163.com/api/artist/albums/>歌手ID

必要参数:

limit: 获取的数量(不知道为什么这个必须加上)

## 4.专辑信息

1	Full request URI: <a href="http://music.163.com/api/album/2457012?ext=true&amp;id=2457012&amp;offset=0&amp;total=true&amp;limit=10">http://music.163.com/api/album/2457012?ext=true&amp;id=2457012&amp;offset=0&amp;total=true&amp;limit=10</a>
---	---

URL:

GET <http://music.163.com/api/album/>专辑ID

## 5.歌单

1	Full request URI: <a href="http://music.163.com/api/playlist/detail?id=37880978&amp;updateTime=-1">http://music.163.com/api/playlist/detail?id=37880978&amp;updateTime=-1</a>
---	---

URL:

GET <http://music.163.com/api/playlist/detail>

必要参数:

id: 歌单ID

## 6.歌词

1	Full request URI: <a href="http://music.163.com/api/song/lyric?os=pc&amp;id=93920&amp;lv=-1&amp;kv=-1&amp;tv=-1">http://music.163.com/api/song/lyric?os=pc&amp;id=93920&amp;lv=-1&amp;kv=-1&amp;tv=-1</a>
---	---

URL:

GET <http://music.163.com/api/song/lyric>

必要参数:

id: 歌曲ID

lv: 值为-1, 我猜测应该是判断是否搜索lyric格式

kv: 值为-1, 这个值貌似并不影响结果, 意义不明

tv: 值为-1, 是否搜索tlyric格式

## 7.MV

1	Full request URI: <a href="http://music.163.com/api/mv/detail?id=319104&amp;type=mp4">http://music.163.com/api/mv/detail?id=319104&amp;type=mp4</a>
---	---

URL:

GET <http://music.163.com/api/mv/detail>

必要参数:

id: mvid

type: 值为mp4, 视频格式, 不清楚还有没有别的格式

## PHP版使用示例

PHP

```
1 <?php
2 /**
3  * Created by PhpStorm.
4  * User: Moon
5  * Date: 2014/11/26 0026
6  * Time: 2:06
7  */
8 function curl_get($url)
9 {
10     $refer = "http://music.163.com/";
11     $header[] = "Cookie: " . "appver=1.5.0.75771;";
12     $ch = curl_init();
13     curl_setopt($ch, CURLOPT_URL, $url);
14     curl_setopt($ch, CURLOPT_HTTPHEADER, $header);
15     curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
16     curl_setopt($ch, CURLOPT_BINARYTRANSFER, true);
17     curl_setopt($ch, CURLOPT_REFERER, $refer);
18     $output = curl_exec($ch);
19     curl_close($ch);
20     return $output;
21 }
22
23 function music_search($word, $type)
24 {
25     $url = "http://music.163.com/api/search/pc";
26     $post_data = array(
27         's' => $word,
28         'offset' => '0',
29         'limit' => '20',
30         'type' => $type,
31     );
32     $referrer = "http://music.163.com/";
33     $url_info = parse_url($url);
34     $values = [];
35     $result = '';
36     $request = '';
37     foreach ($post_data as $key => $value) {
38         $values[] = "$key=" . urlencode($value);
39     }
40     $data_string = implode("&", $values);
41     if (!isset($url_info["port"])) {
42         $url_info["port"] = 80;
43     }
44     $request .= "POST " . $url_info["path"] . " HTTP/1.1\n";
45     $request .= "Host: " . $url_info["host"] . "\n";
46     $request .= "Referer: $referrer\n";
47     $request .= "Content-type: application/x-www-form-urlencoded\n";
48     $request .= "Content-length: " . strlen($data_string) . "\n";
49     $request .= "Connection: close\n";
50     $request .= "Cookie: " . "appver=1.5.0.75771;\n";
51     $request .= "\n";
52     $request .= $data_string . "\n";
53     $fp = fsockopen($url_info["host"], $url_info["port"]);
54     fputs($fp, $request);
55     $i = 1;
56     while (!feof($fp)) {
57         if ($i >= 15) {
58             $result .= fgets($fp);
59         } else {
60             fgets($fp);
61             $i++;
62         }
63     }
64     fclose($fp);
65     return $result;
66 }
67
68 function get_music_info($music_id)
69 {
70     $url = "http://music.163.com/api/song/detail?id=" . $music_id . "&ids=%5B" . $music_id . "%5D";
71     return curl_get($url);
72 }
73
74 function get_artist_album($artist_id, $limit)
75 {
76     $url = "http://music.163.com/api/artist/albums/" . $artist_id . "?limit=" . $limit;
77     return curl_get($url);
78 }
79
80 function get_album_info($album_id)
81 {
82     $url = "http://music.163.com/api/album/" . $album_id;
83     return curl_get($url);
84 }
85
86 function get_playlist_info($playlist_id)
87 {
```

```
88 {
89     $url = "http://music.163.com/api/playlist/detail?id=" . $playlist_id;
90     return curl_get($url);
91 }
92 function get_music_lyric($music_id)
93 {
94     $url = "http://music.163.com/api/song/lyric?os=pc&id=" . $music_id . "&lv=-1&kv=-1&tv=-1";
95     return curl_get($url);
96 }
97 function get_mv_info()
98 {
99     $url = "http://music.163.com/api/mv/detail?id=319104&type=mp4";
100     return curl_get($url);
101 }
102 }
103
104 #echo music_search("Moon Without The Stars", "1");
105 #get_music_info("28949444");
106 #echo get_artist_album("166009", "5");
107 #echo get_album_info("3021064");
108 #echo get_playlist_info("22320356");
109 #echo get_music_lyric("29567020");
110 #echo get_mv_info();
```

PS: 搜索的接口我用CURL调用失败, 原因未知, 于是搜索是用文件操作实现的