

腾讯云小微音乐点播 H5 接入文档

H5 页面承担的责任是音乐资源的信息的展示。涉及到播控流程需要按照播控对应的方法进行实现和处理。

1. DMSDK

接入 DMSDK 保证主账号登入。

2. 接入 URL 地址

通过 DMSDK 打开对应得 URL :

正式环境:

<https://ddsdk.html5.qq.com/v2m/musicControl>

体验环境

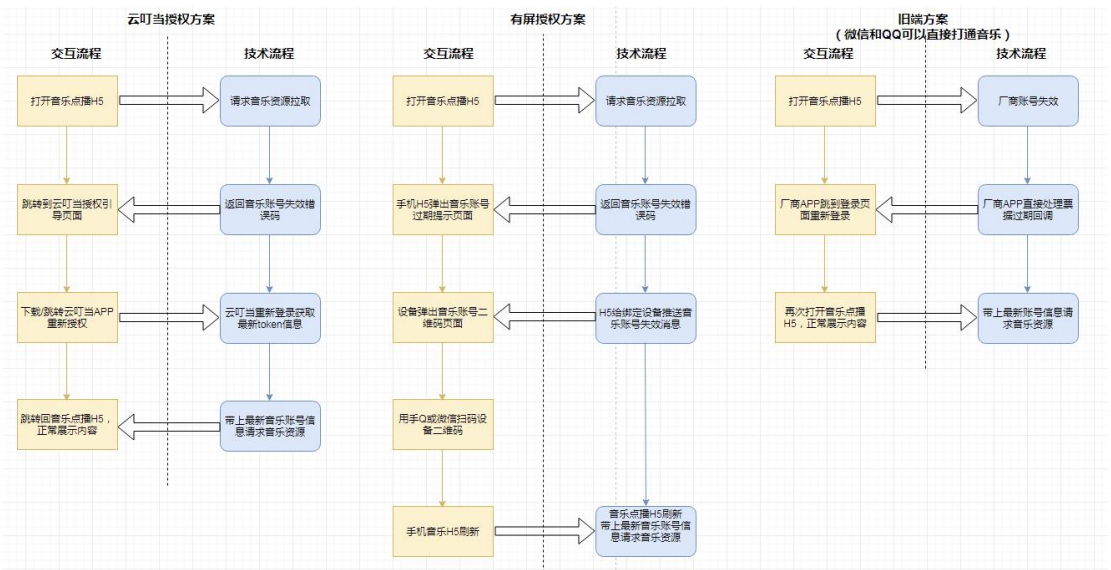
<https://ddsdkggrav.html5.qq.com/v2m/musicControl>

3. 可见即可播方案

该方案下，页面的内容展示，需要带用户的账号信息。

当用户没有登入音乐子账号时，需要按音乐子帐号登入流程进行处理（登录流程与 QQ 音乐账号授权流程保持一致即可）

3.1 音乐账号授权



(1) 新方案-无屏：云叮当授权登录方案。同上，封装在 H5 内部即可完成所有流程。

- ①手机端带用户账号信息请求【音乐点播 H5】
- ②【音乐点播 H5】请求音乐数据，音乐后台发现该用户未登录音乐账号/音乐账号失效
- ③【音乐点播 H5】页面跳转至【无屏授权 H5】
- ④用户按操作下载云叮当 APP，并完成授权
- ⑤完成授权后，页面自动跳转回【音乐点播 H5】，内容正常加载

(2) 新方案-有屏: H5 页面会引导用户至设备屏幕扫码登录音乐账号.

- ①手机端带用户账号信息请求 H5
- ②H5 请求音乐数据, 音乐后台发现该用户未登录音乐账号/音乐账号失效
- ③H5 页面告知用户需在音箱端扫码进行音乐账号登录
- ④H5 通知音箱端进行二维码展示
- ⑤用户扫码登录, H5 页面刷新, 正常显示资源

(3) 旧方案:

- ①手机端带用户账号信息请求 H5
- ②厂商帐号失效, 厂商直接处理票据过期回调。
- ③厂商登入跳转页面进行重新登入
- ④再次打开音乐点播 H5,展示内容

3.2 无需登录可查看内容方案 (需额外申请该方案)

该方案下, 可以无需用户登录, 即可浏览音乐的资源。

但该方案的缺陷是, 用户看到的内容, 无法判断设备上是否有权限可播;

当用户触发了资源点播行为后, 同样需要完成账号登录的整个过程。

4. 点击 H5 页面通讯协议

播放器和播放条需要客户端实现, 本说明文档不包含播放器和播放条实现方式。

下面是关于 H5 和 app native 之间的通讯, 当在 H5 点击某一个歌曲, 需要将当前的歌曲信息传递给 native 进行处理。这边主要包括: 点击具体的某一个首, 点击全部播放按钮, 取消 (全屏的搜索框, 需要实现返回)。

同时需要同步的是, 设备当前播放得歌曲 id 需要同步给 H5 页面进行显示。
下面是具体的协议信息。

(1) 播放某一首歌曲

```
cmd: DDApi.proxydata
data.action: playMusic
data.data:
{
  sId
  sPic
  sAlbumId
  sAlbumName
  sSingerId
  sSingerName
  sSongId
  sSongName
}
```

例子:

```
tmsjsbridge://[DDApi.proxydata,{"cmd":"DDApi.proxydata","data":{"action":"playMusic","data":{"sId":"4","sPic":"http://y.gtimg.cn/music/photo_new/T003R300x300M000003qLf6H3uNuRE.jpg","sAlbumId":"6621129","sAlbumName":"我是唱作人 第1期","sSingerId":"1507534","sSingerName":"毛不易","sSongId":"231407918","sSongName":"东北民谣","semantic":{"bubble_transform_query":"","confidence":-1,"domain":"music","extra_semantic":[],"ifttt_this":"","intent":"play_dissid_web","invocation_name":"","is_semantic_only":true,"nlu_match_info":{"is_single_entity":true,"matched_type":0},"query":"","query_source_type":1,"query_type":2,"session_complete":false,"skill_id":"","skill_trigger_type":1,"slots":{"confirm_state":0,"json_values":[],"name":"diss_type","prompt":{"prompt_type":0,"show_text":"","slot_name":"","slot_type":"","speak_text":"","sInteractionType":0,"sPrompt":{"int...":[],"type":0,"value":"","select_state":0,"slot_struct":1,"type":"","values":[[6,1,52,22,0,44,60,70,0]]},"confirm_state":0,"json_values":[],"name":"strld","prompt":{"prompt_type":0,"show_text":"","slot_name":"","slot_type":"","speak_text":"","sInteractionType":0,"sPrompt":{"intent_name":"","show_text":"","skill_id":"","slot_name":"","slot_options":"","slot_type":"","speak_text":"","selectResult":{"all_no":false,"index":-1,"indexes":[],"type":0,"value":"","select_state":0,"slot_struct":1,"type":"","values":[[6,9,50,51,49,52,48,55,57,49,56,22,0,44,60,70,0]]},"slots_v2":{"type":0,"voice_query":{"asr_results":[],"compress_type":1,"pre_itn_query":"","raw_data":[],"sample_rate":8000}}},"id":"10_1555504338348_DDApi.proxydata"]}]}
```

(2) 播放全部歌曲

cmd: DDApi.proxydata

data.action: **playAllMusic**

data.data:

```
{
  sId
  sPic
  sAlbumId
  sAlbumName
  sSingerId
  sSingerName
  sSongId
  sSongName
}
```

例子:

```
tmsjsbridge://[DDApi.proxydata,{"cmd":"DDApi.proxydata","data":{"action":"playAllMusic","data":{"sId":"4","sPic":"http://y.gtimg.cn/music/photo_new/T003R300x300M000003qLf6H3uNuRE.jpg","sAlbumId":"6621129","sAlbumName":"我是唱作人 第1期","sSingerId":"1507534","sSingerName":"毛不易","sSongId":"231407918","sSongName":"东北民谣","semantic":{"bubble_transform_query":"","confidence":-1,"domain":"music","extra_semantic":[],"ifttt_this":"","intent":"play_dissid_web","invocation_name":"","is_semantic_only":true,"nlu_match_info":{"is_single_entity":true,"matched_type":0},"query":"","query_source_type":1,"query_type":2,"session_complete":false,"skill_id":"","skill_trigger_type":1,"slots":{"confirm_state":0,"json_values":[],"name":"diss_type","prompt":{"prompt_type":0,"show_text":"","slot_name":"","slot_type":"","speak_text":"","sInteractionType":0,"sPrompt":{"int...false,"index":-1,"indexes":[],"type":0,"value":"","select_state":0,"slot_struct":1,"type":"","values":[[6,1,50,22,0,44,60,70,0]]},"confirm_state":0,"json_values":[],"name":"dissid","prompt":{"prompt_type":0,"show_text":"","slot_name":"","slot_type":"","speak_text":"","sInteractionType":0,"sPrompt":{"intent_name":"","show_text":"","skill_id":"","slot_name":"","slot_options":"","slot_type":"","speak_text":"","selectResult":{"all_no":false,"index":-1,"indexes":[],"type":0,"value":"","select_state":0,"slot_struct":1,"type":"","values":[[6,1,52,22,0,44,60,70,0]]},"slots_v2":{"type":0,"voice_query":{"asr_results":[],"compress_type":1,"pre_itn_query":"","raw_data":[],"sample_rate":8000}}},"id":"10_1555504338348_DDApi.proxydata"]}]}
```

```
\slots_v2\": [ ], \type\": 0, \voice_query\": { \asr_results\": [ ], \compress_type\": 1, \pre_itn_query\": \"\", \raw_data\": [ ], \sample_rate\": 8000 } } } }, \"id\": \"10_1555504353580_DDApi.proxydata\"}]
```

(3) 取消关闭页面（应用在全屏的搜索框，取消按钮）

```
cmd: DDApi.proxydata\"  
data.action: cancel
```

例子：

```
tmsjsbridge://[DDApi.proxydata, {\"cmd\": \"DDApi.proxydata\", \"data\": {\"action\": \"cancel\", \"data\": \"\"}, \"id\": \"10_1555504265707_DDApi.proxydata\"}]
```

(4) 回调正在播放的歌曲

```
cmd: DDApi.proxydata\"  
data.action: getPlaySongId
```

需要实现对应的回调函数：_ddSdkCbPlaySong (songId)

将歌曲的 id，回调给 H5 页面，通知正在播放得页面。同时，播放器和播控条切换歌曲的时候，也需要调用该回调函数，告知 H5 当前播放的歌曲 Id。