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| 网络音频播放器控制协议 | | | |
| 版本 | 日期 | 作者 | 内容 |
| 1.0 | 2018-12-30 | Craftor | 创建文件，包含播放音乐、停止音乐、暂停、取消暂停、音量调整、清除缓存、检查是否在播放等功能 |

1. 播放音乐

|  |  |  |  |
| --- | --- | --- | --- |
| URL | (server\_url)/play | | |
| Method | GET | | |
| Param | file\_name | 音乐地址 | |
| volume | 音量(可选值的范围为0.0~1.0) | |
| loop | 重复次数，0表示只播放一次；-1表示无限循环 | |
| Example | http://127.0.0.1:5000/play?file\_name=http://public.craftor.org/bgm.mp3&volume=0.5&loop=0 | | |
| Success Return | | | Failed Return |
| “OK” | | | “Failed” |

1. 暂停

|  |  |  |  |
| --- | --- | --- | --- |
| URL | (server\_url)/pause | | |
| Method | GET | | |
| Param | null |  | |
| Example | http://127.0.0.1:5000/pause | | |
| Success Return | | | Failed Return |
| “OK” | | | “Failed” |

1. 取消暂停

|  |  |  |  |
| --- | --- | --- | --- |
| URL | (server\_url)/unpause | | |
| Method | GET | | |
| Param | null |  | |
| Example | http://127.0.0.1:5000/unpause | | |
| Success Return | | | Failed Return |
| “OK” | | | “Failed” |

1. 设置音量

|  |  |  |  |
| --- | --- | --- | --- |
| URL | (server\_url)/set\_volume | | |
| Method | GET | | |
| Param | value | 音量（可选值范围0.0-1.0） | |
| Example | http://127.0.0.1:5000/set\_volume?value=0.5 | | |
| Success Return | | | Failed Return |
| “OK” | | | “Failed” |

1. 清除音乐缓存（多次播放不成功时需要清空一下缓存）

|  |  |  |  |
| --- | --- | --- | --- |
| URL | (server\_url)/remove | | |
| Method | GET | | |
| Param | file\_name | 音乐文件名 | |
| Example | http://127.0.0.1:5000/remove?file\_name=bgm.mp3 | | |
| Success Return | | | Failed Return |
| “OK” | | | “Failed” |

6、检查音乐是否在播放

|  |  |  |  |
| --- | --- | --- | --- |
| URL | (server\_url)/get\_busy | | |
| Method | GET | | |
| Param | null |  | |
| Example | http://127.0.0.1:5000/get\_busy | | |
| Success Return | | | Failed Return |
| “1” : 正在播放  “0” : 音乐停止 | | | “Failed” |

1. 添加后续播放音乐（暂时不可用）

|  |  |  |  |
| --- | --- | --- | --- |
| URL | (server\_url)/queue | | |
| Method | GET | | |
| Param | null |  | |
| Example | http://127.0.0.1:5000/queue?file\_name=http://public.craftor.org/no.wav | | |
| Success Return | | | Failed Return |
| “OK” | | | “Failed” |

1. 停止播放

|  |  |  |  |
| --- | --- | --- | --- |
| URL | (server\_url)/stop | | |
| Method | GET | | |
| Param | null |  | |
| Example | http://127.0.0.1:5000/stop | | |
| Success Return | | | Failed Return |
| “OK” | | | “Failed” |