**REVIEV OF GMUSICAPI**

**Features:**

* Library management: list, create, delete, and modify songs and playlists.
* Streaming and single-song downloading.
* Music Manager uploading/scan-and-match and library downloading.
* Most All Access features.

You also have an opportunity to download music. Although, for this feature you should probably have to download [avconv](http://libav.org/avconv.html) or [ffmpeg](http://ffmpeg.org/ffmpeg.html) libraries installed and in your system path, along with at least libmp3lame.

Gmusicapi currently has three main interfaces: one for the music.google.com webclient, one for the Android App, and one for the Music Manager. The big differences are:

If you’re not going to be uploading music, you’ll likely want to use the [**Mobileclient**](http://unofficial-google-music-api.readthedocs.io/en/latest/reference/mobileclient.html#gmusicapi.clients.Mobileclient): it supports streaming and library management.

[**Musicmanager**](http://unofficial-google-music-api.readthedocs.io/en/latest/reference/musicmanager.html#gmusicapi.clients.Musicmanager) Interface allows uploading by posing as Google’s Music Manager.

Musicmanager uses OAuth, so a plaintext email and password are not required when logging in.

For most authors and users of gmusicapi scripts, [**perform\_oauth()**](http://unofficial-google-music-api.readthedocs.io/en/latest/reference/musicmanager.html#gmusicapi.clients.Musicmanager.perform_oauth) should be run once per machine to store credentials to disk. Future calls to [**login()**](http://unofficial-google-music-api.readthedocs.io/en/latest/reference/musicmanager.html#gmusicapi.clients.Musicmanager.login) can use the stored credentials by default.

Some authors may want more control over the OAuth flow. In this case, credentials can be directly provided to [**login()**](http://unofficial-google-music-api.readthedocs.io/en/latest/reference/musicmanager.html#gmusicapi.clients.Musicmanager.login).

Also it has  [**Webclient**](http://unofficial-google-music-api.readthedocs.io/en/latest/reference/webclient.html#gmusicapi.clients.Webclient) interface. Allows library management and streaming by posing as the music.google.com webclient. Any methods in this class that are duplicated by the [**Mobileclient**](http://unofficial-google-music-api.readthedocs.io/en/latest/reference/mobileclient.html#gmusicapi.clients.Mobileclient) are deprecated, and will generate a warning at runtime.

**WARNING**   
**Webclient functionality is not tested nor well supported.**   
**Use** [**Mobileclient**](http://unofficial-google-music-api.readthedocs.io/en/latest/reference/mobileclient.html#gmusicapi.clients.Mobileclient) **or** [**Musicmanager**](http://unofficial-google-music-api.readthedocs.io/en/latest/reference/musicmanager.html#gmusicapi.clients.Musicmanager) **if possible.**