

Task: authenticate Alpine to Gmail server as a Tbird client, as described here:

<http://www.dcs.gla.ac.uk/~jacobd/posts/2022/03/configure-mutt-to-work-with-oauth-20/>

which contains information on using OAuth2 in Mutt.

These instructions are particularly relevant if you use a remote pinerc file.

1. Regedit HKEY-users-software-university of Washington-pine-pinerc
Modify pinerc to

[{imap.gmail.com/ssl/auth=xoauth2,user=yourid@gmail.com}remote_pinerc](#)

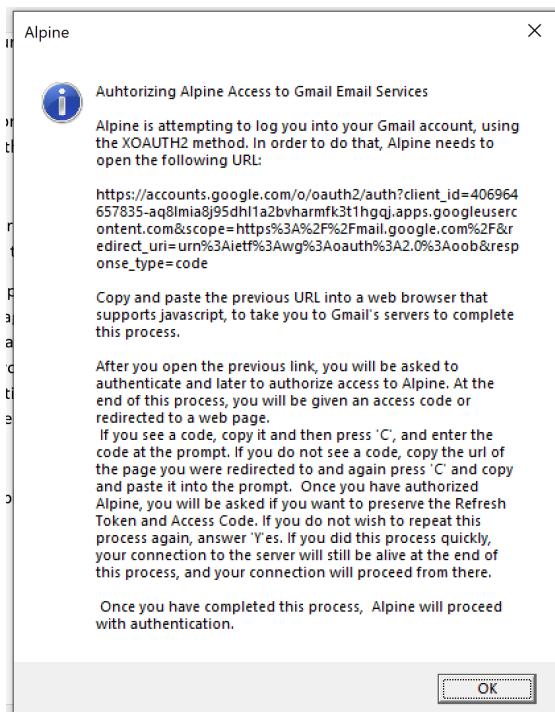
^ insert this

^ insert your email address

2. Open a windows powershell
 - a. cd to the folder that holds the alpine app (make sure you have the most recent version)
 - b. Launch alpine with the following flags (insert your email at the highlights):

```
./alpine -x-s Gmail -x-c-i 406964657835-aq8lmia8j95dhl1a2bvharf3t1hgqj.apps.googleusercontent.com -x-c-s kSmqreRr0qwBWJgbf5Y-PJSU -x-f Authorize -x-u yourid@gmail.com -p "{imap.gmail.com/ssl/auth=xoauth2/user=yourid@gmail.com}remote_pinerc"
```

3. This will bring up an Alpine window

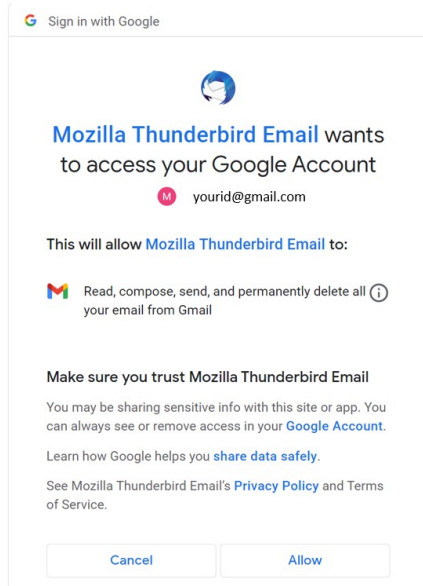


Most of the rest of the instructions are shown here, but detailed below as well.

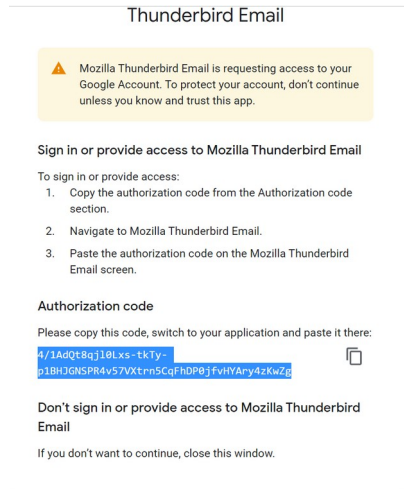
- a. Cut and paste the window contents into word (from inside that window, hit ctrl-c)
- b. Grab the url and paste it into a browser window (I used chrome)

https://accounts.google.com/o/oauth2/auth?client_id=406964657835-aq8lmia8j95dhl1a2bvharmfk3t1hgqj.apps.googleusercontent.com&scope=https%3A%2F%2Fmail.google.com%2F&redirect_uri=urn%3Aietf%3Awg%3Aoauth%3A2.0%3Aaob&response_type=code

4. This will bring up a chrome window:



a. Clicking "Allow" should result in a second window with a code: copy it



* if you get an empty window, copy the entire url of that window. It will look something like this:

http://localhost/?code=4/0AdQt8qgNO1f5ApIqMxcCx3T6PatjXbymh-L4kjX_VpYnl8p2AL2wEgodIJJ4JHRKRYU0s&scope=https://mail.google.com/

5. Go back to the Alpine window,
 - a. click OK and Alpine will pop up another window asking if you want to continue with authorization request
 - b. click YES and another window will pop up asking for the code
 - c. Paste the code from the browser in 4a into the Alpine window
 - d. Alpine will pop up another window asking if you want to store these credentials. The window may not appear on top, so you may have to navigate to it (I used alt-tab to find it). Click YES and you're in!

6. Once Alpine is open, you will also need to update your smtp server (to authorize sending mail) and gmail server (if using a gmail server to access your mail). In both cases you'll just be adding the `"/auth=xoauth2"` text to a location.

- a. For the smtp server:

type "M S C" to get to the configuration screen, and change this line:

SMTP Server (for sending) = smtp.gmail.com/ssl/auth=xoauth2/user=yourid@gmail.com

- b. For the gmail server:

type "M S L" to get to the collection lists, and change this line:

Folders on imap.gmail.com:993/ssl/auth=xoauth2/user=yourid@gmail.com in home directory