

Lumail

Christian Külker

2024-06-18

Contents

1	Introduction	1
2	Lumail 3	2
2.1	Dependencies	2
2.2	Build	2
2.3	Critique	3
3	Lumail 2.9	3
4	Lumail 2.5	4
4.1	Download	4
4.2	Build	4
4.3	Installation	4
4.4	Configuration and Usage	5
4.5	IMAP Configuration [DO NOT WORK FOR ME]	5
4.6	Basic Configuration [NOT WELL TESTED - PARTLY WORKING]	6
4.7	Critique	6
5	History	7
6	Disclaimer of Warranty	7
7	Limitation of Liability	7

1 Introduction

Lumail was recognized as a mail client for Linux up until 2020. Its last update appears to be in 2020, and as of 2022-07-19, its domain seems to have been acquired by a business looking to generate traffic. The most recent snapshot of Lumail can be accessed through

the Wayback Machine at [lumail.org](https://www.lumail.org). Both the [source](#) code for `lumail` and the website are available at github.com. The last release, lumail 3.1, was in 2017. Regrettably, this project appears to be dormant, or as the author expressed, “complete” (refer to [#361](#)).

Lumail’s primary functionality revolves around the `Maildir` format, and it supports IMAP and GPG.

2 Lumail 3

This section, penned on 2022-07-20, aims to guide users on building and installing lumail 3.1 from 2017 on Debian 11 Bullseye and Debian 10 Buster.

In Summary (TL;DR): Lumail require `libgmime-2.6-dev` and is incompatible with Debian 11 Bullseye, which uses `libgmime-3.0-dev`. On Debian 10 Buster, the compilation process completes successfully, and Lumail can be run from a cloned git repository after executing `make`.

2.1 Dependencies

```
aptitude install build-essential make pkg-config liblua5.2-dev \
libgmime-3.0-dev libncursesw5-dev libpcre3-dev libmagic-dev
```

2.2 Build

As root

```
mkdir -p /srv/{src,build,lumail-3.1}
chown USER.USER /srv/{src,build,lumail-3.1}
```

As user

```
cd /srv/src
export URL=https://github.com/lumail/lumail/archive/refs/tags/release-
3.1.tar.gz
wget -O lumail-release-3.1.tar.gz $URL
cd ../build
tar xvzf ../src/lumail-release-3.1.tar.gz
```

The `README.md` dropped the warning of eating mail. However a backup is still recommended.

2.3 Critique

Pros:

- Seamless compilation from tar release.
- Straightforward compilation from a git clone.

Cons:

- The Makefile doesn't utilize `./configure` or any other methods for flexible compilation.
- The Makefile inadvertently removes global files in `/etc` !!
- Compilation anticipates a git repository and will produce errors (specifically, "fatal: not a git repository (or any of the parent directories): .git"). The implications of this error remain uncertain.

Recommendation:

- Do **NOT** compile as root.
- Do **NOT** use clean targets.
- Do **NOT** use install targets (it will remove files in `/etc/lumail`).
- Run from a cloned git repository.

3 Lumail 2.9

This section has been added for historical reasons. It is not recommended to use this version.

The old domain is not accessible directly, but indirectly via `archive.org`.

NOTE: `lumail2` may well eat your email, corrupt your email, or otherwise cause data loss. If you have no current backups of your email you should **NOT USE THIS PROJECT**.

The latest `lumail2` [release 2.9](#) can be found under the [github] tag [release-2.9](#)

```
export URL=https://github.com/lumail/lumail/archive/refs/tags/release-2.9.tar.gz
mkdir -p /srv/src
wget -O /srv/src/lumail-release-2.9.tar.gz $URL
cd /srv/build
tar xvzf ../srv/src/lumail-release-2.9.tar.gz
cd lumail-release-2.9
aptitude install build-essential make pkg-config liblua5.2-dev
```

```
libgmime-2.6-dev libncursesw5-dev libpcre3-dev libmagic-dev\  
libnet-imap-client-perl libjson-perl
```

4 Lumail 2.5

This section describes the build and install of lumail 2.5 on Debian in 2016 from the upstream tar release. The tar release can be obtained via the archive.org [lumail.org](https://archive.org) link or via a release tag on github.com.

4.1 Download

```
mkdir src  
cd src  
wget https://lumail.org/download/lumail-2.5.tar.gz  
cd ..
```

Core:

```
aptitude install build-essential make pkg-config \  
liblua5.2-dev libgmime-2.6-dev \  
libncursesw5-dev libpcre3-dev libmagic-dev
```

IMAP:

```
aptitude install libnet-imap-client-perl libjson-perl
```

4.2 Build

```
mkdir build  
cd build  
tar xvzf ../src/lumail-2.5.tar.gz  
cd umail-2.5  
make
```

4.3 Installation

The quick way is to

```
make install

# This will do

cp lumail2 /usr/bin/
mkdir -p /etc/lumail2/luarocks.d/ || true
mkdir -p /etc/lumail2/perl.d/ || true
cp luarocks.d/*.lua /etc/lumail2/luarocks.d/
cp perl.d/* /etc/lumail2/perl.d/
rm /etc/lumail2/perl.d/delete-message || true
rm /etc/lumail2/perl.d/get-folders || true
rm /etc/lumail2/perl.d/get-messages || true
rm /etc/lumail2/perl.d/save-message || true
rm /etc/lumail2/perl.d/set-flags || true
if [ ! -e /etc/lumail2/lumail2.lua ] ; then
    cp ./lumail2.lua /etc/lumail2/lumail2.lua;
fi
```

As it can be seen it makes the mistake not to copy the binary to `/usr/local/bin`

4.4 Configuration and Usage

After global files in `/etc/luamail2` are created the local configuration should be created:

```
mkdir ~/.lumail2/
vim ~/.lumail2/lumail2.lua
```

(description about host specific configuration is omitted)

4.5 IMAP Configuration [DO NOT WORK FOR ME]

By using the documentation for mail-dir or IMAP to generate a configuration lumail2 was terminating always after some seconds displaying a message list with the work 'abort'.

It has to be said that the folder I was using was large. 5.3 GB

However using a basically empty folder works.

Used configuration

```
1 Config:set( "global.logfile" , "/home/$USER/.lumail2/lumail.log" )
2 Log:append( os.date() .. " start lumail 2.5!" )
```

```
3 Config:set( "imap.cache", "/home/$USER/.lumail2/imap.cache" )
4 Config:set( "imap.proxy", "/etc/lumail2/perl.d/imap-proxy" )
5 Config:set( "index.sort", "none" )
6 Config:set( "index.fast", "1" )
7 Config:set( "imap.server", "imaps://mail.example.com/" )
8 Config:set( "imap.username", "$IMAPUSER" )
9 Config:set( "imap.password", "$PASSWORD" )
```

4.6 Basic Configuration [NOT WELL TESTED - PARTLY WORKING]

```
mkdir -p /home/$USER/Mail/sent
```

```
vim ~/.lumail2/lumail2.lua
```

```
1 Config:set( "maildir.prefix", "/home/$USER/Mail" );
2 Config:set( "global.sent-mail", "/home/$USR/Mail/sent" )
3
4 -- Set your outgoing mail-handler, and email-address:
5 Config:set( "global.mailer", "/usr/lib/sendmail -t" )
6 Config:set( "global.sender", "Some User <test@example.com>" )
7
8 -- Set your editor
9 Config:set( "global.editor", "vim +/^$ ++1 '+set tw=72'" )
```

Looking at mail do work and looks nice

4.7 Critique

Pros:

- easy to compile
- flexible (not tested)
- Perl for IMAP (not tested)

Cons:

- Was not able to use 5.3 GB IMAP server
- Was not able to use 5.3 GB `offlineimap` folder
- Either has no debug output or was not able to activate, even after specifying log file in configuration
- crashed after using vim

5 History

Version	Date	Notes
0.1.3	2024-06-18	Readd info 2.5 and 2.9 from 2016 (Critique ...)
0.1.2	2022-07-26	Fix layout, typos, style, release to quick guide
0.1.1	2022-07-19	Update lumail 3.1 and Debian 11 Bullseye
0.1.0	2016-06-22	Initial release

6 Disclaimer of Warranty

THERE IS NO WARRANTY FOR THIS INFORMATION, DOCUMENTS AND PROGRAMS, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE INFORMATION, DOCUMENT OR THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE INFORMATION, DOCUMENTS AND PROGRAMS IS WITH YOU. SHOULD THE INFORMATION, DOCUMENTS OR PROGRAMS PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

7 Limitation of Liability

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE INFORMATION, DOCUMENTS OR PROGRAMS AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE INFORMATION, DOCUMENTS OR PROGRAMS (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE INFORMATION, DOCUMENTS OR PROGRAMS TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.