
LastPass CLI

(c) 2014-2019 LastPass. Command line interface to LastPass.com.

Operating System Support

`lpass` is designed to run on GNU/Linux, Cygwin and Mac OS X.

Dependencies

- LibreSSL or OpenSSL
- libcurl
- libxml2
- pinentry (optional)
- AsciiDoc (build-time documentation generation only)
- xclip, xsel, pbcopy, or putclip from cygutils-extra for clipboard support (optional)

Installing on Linux

Arch

- A binary package is available from the community repository, use `pacman` to simply install `lastpass-cli`.
- Can be build from source with the “lastpass-cli-git” *Arch User Repository (AUR). Information about installing packages from the AUR can be found on the Arch wiki.

```
1 # from community repository
2 sudo pacman -S lastpass-cli
3 # from AUR repository
4 packer -S lastpass-cli-git
```

Fedora

- Packages are available in Fedora 22 and later.

```
1 sudo dnf install lastpass-cli
```

Red Hat/Centos

- Packages are available in EPEL for RHEL/CentOS 7 and later.

```
1 sudo yum install lastpass-cli
```

- For older versions: Install the needed build dependencies, and then follow instructions in the 'Building' section.

```
1 sudo yum install openssl libcurl libxml2 pinentry xclip openssl-devel  
libxml2-devel libcurl-devel gcc gcc-c++ make cmake
```

Debian/Ubuntu

- Install the needed build dependencies, and then follow instructions in the 'Building' section.
- For Ubuntu 16.04 (xenial)

```
1 apt-get --no-install-recommends -yqq install \  
2 bash-completion \  
3 build-essential \  
4 cmake \  
5 libcurl3 \  
6 libcurl3-openssl-dev \  
7 libssl1.0.0 \  
8 libssl-dev \  
9 libxml2 \  
10 libxml2-dev \  
11 pkg-config \  
12 ca-certificates \  
13 xclip
```

- For Debian (stable/oldstable) and other Ubuntu < 18.04

```
1 apt-get --no-install-recommends -yqq install \  
2 bash-completion \  
3 build-essential \  
4 cmake \  
5 libcurl3 \  
6 libcurl3-openssl-dev \  
7 libssl1.0 \  
8 libssl1.0-dev \  
9 libxml2 \  
10 libxml2-dev \  
11 pkg-config \  
12 ca-certificates \  
13 xclip
```

- For Debian (testing/experimental) and Ubuntu >= 18.04

```
1 apt-get --no-install-recommends -yqq install \  
2   bash-completion \  
3   build-essential \  
4   cmake \  
5   libcurl4 \  
6   libcurl4-openssl-dev \  
7   libssl-dev \  
8   libxml2 \  
9   libxml2-dev \  
10  libssl1.1 \  
11  pkg-config \  
12  ca-certificates \  
13  xclip
```

Gentoo

- Install the package:

```
1 sudo emerge lastpass-cli
```

Other Linux Distro Install the packages listed in the Dependencies section of this document, and then follow instructions in the ‘Building’ section.

Installing on OS X

With Homebrew (easiest)

- Install Homebrew, if necessary.
- Update Homebrew’s local formula cache:

```
1 brew update
```

- Install the lastpass-cli formula:

```
1 brew install lastpass-cli
```

With MacPorts

- Install MacPorts, if necessary.
- Update MacPorts’ local ports tree:

```
1 sudo port selfupdate
```

-
- Install the lastpass-cli port:

```
1 sudo port install lastpass-cli
```

- Optionally install the documentation:

```
1 sudo port install lastpass-cli-doc
```

Manually Install the packages listed in the Dependencies section of this document, and then follow instructions in the ‘Building’ section.

Installing on FreeBSD

- Install the binary package:

```
1 sudo pkg install security/lastpass-cli
```

- Or build the port yourself:

```
1 sudo make -C /usr/ports/security/lastpass-cli all install clean
```

Installing on Cygwin

- Install apt-cyg
- Using apt-cyg, install the needed build dependencies, and then follow instructions in the ‘Building’ section.

```
1 apt-cyg install wget make cmake gcc-core gcc-g++ openssl-devel libcurl-  
devel libxml2-devel libiconv-devel cygutils-extra
```

Building

```
1 $ make
```

Under the covers, make invokes cmake in a build directory; you may also use cmake directly if you need more control over the build process.

Installing

```
1 $ sudo make install
```

These environment variables can be passed to make to do the right thing: `PREFIX`, `DESTDIR`, `BINDIR`, `LIBDIR`, `MANDIR`.

Running

If you've installed it:

```
1 $ lpass
```

Otherwise, from the build directory:

```
1 $ ./lpass
```

Documentation

Install `asciidoc` and `xsltproc` if they are not already installed.

```
1 $ sudo apt-get install asciidoc xsltproc
```

The `install-doc` target builds and installs the documentation.

```
1 $ sudo make install-doc
```

Once installed,

```
1 $ man lpass
```

You can view the full documentation in the manpage, `man lpass` or view it online.