

September 1, 2022

NAME

cl-manager — A Common Lisp Package/System/Project/Library Manager

0.1.0

This is alpha software. Use at own risk!

```
# clmfile
```

```
hunchentoot v1.3.1
```

```
cl-who
```

```
cl-ppcre
```

```
CL-USER> (clm:install)
```

```
; Installing hunchentoot
```

```
; Installing cl-who
```

```
; Installing alexandria
```

```
; Installing bordeaux-threads
```

```
; Installing chungu
```

```
; Installing cl+ssl
```

```
; Installing cl-base64
```

```
; Installing cl-fad
```

```
; Installing cl-ppcre
```

```
; Installing flexi-streams
```

```
; Installing md5
```

```
; Installing rfc2388
```

```
; Installing trivial-backtrace
```

```
; Installing usocket
```

```

; Installing closer-mop
; Installing global-vars
; Installing postmodern
; Installing split-sequence
; Installing trivial-gray-streams
; Installing cffi
; Installing trivial-features
; Installing trivial-garbage
; Installing ironclad
; Installing uax-15
; Installing babel
; No value
CL-USER> (clm:load-system "FOOBAR")
; Loading FOOBAR with dependencies.
T

```

``cl-manager`` manages project dependencies with git.
Goals:

- Communication over HTTPS
- Project-level dependencies (with pinning)
- Minimal loading facilities (good for building executables)

These programs have to be installed beforehand:

- git
- curl

Just put it somewhere ASDF finds it. I usually put it under `~/common-lisp`. Optionally you can add

```
(asdf:load-system "cl-manager" :verbose nil)
```

in your init file to automatically load it.

The ``clmfile`` specifies dependencies. Example:

```

# This is a comment and is ignored
hunchentoot v1.3.1
cl-who
postmodern

```

Each dependency can have an optional version specifier. This is a git branch/tag/commit hash. After the dependencies are installed a ``clm.lock`` file

env The CLM environment. Most likely you want that to set to the current working directory. The environment determines where dependencies are installed to.

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- [Quicklisp](#)
- [CLPM](#)
- [borg](#)
- [clm-projects](#)

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