

**NAME**

*clislin* – lin a ne external module to **CLISP** .

**SYNOPSIS**

```
clis-lin create module file...
clis-lin add source destination module...
clis-lin run source module...
clis-lin install module...
```

**DESCRIPTION**

This shell scrip oerates on **CLISP** module sets and lining sets:

- creates ne m odule sets out o source files*
- adds module sets to a lining set to roduce a ne l lining set*
- runs **CLISP** ith module sets added*
- Only in **CLISP** built ithout configure flag `--ithout-dynamic-modules` .*
- installs ne m odule sets or general use*

**OPTIONS***create*

*The command*

```
clis-lin create module file ...
```

*creates a module set in module directory hich reers (ia symbolic lins) to files file... The files are e ected to be modules o their on.*

*add*

*The command*

```
clis-lin add source destination module ...
```

*combines the lining set in directory source and the modules in directories module... to a ne l lining set in the directory destination hich is nely created.*

*run*

*The command*

```
clis-lin run source module ...
```

*runs the lining set in directory source ith the modules in directories module... Unless **CLISP** has been built ith the configuration otion `--ithout-dynamic-modules` the loading ill be erormed using `SYS::DYNLOAD-MODULES` . Otherise – this is much sloer – a temorary lining set ill be created and deleted aterards.*

*install*

*Only in **CLISP** built ithout configure flag `--ithout-dynamic-modules` .*

*The command*

```
clis-lin install module ...
```

*installs the modules in directories module... into `CUSTOM:*LIB-DIRECTORY*` or i it is n ot ritable to the user (e.g. i a system-ide **CLISP** installation is used and the user does not hæ*

administrative privileges) into `CUSTOM:*USER-LIB-DIRECTORY*`.

A variable `CUSTOM:*USER-LIB-DIRECTORY*` is initially set to ([MERGE-PATHNAMES](#) `.clis ( USER-HOMEDIR-PATHNAME )`) if that directory exists and can be reset in the RC file.

#### Note

Do not add `CUSTOM:*USER-LIB-DIRECTORY*` to `CUSTOM:*LOAD-PATHS*` or under any element thereof. Use `REQUIRE` instead of `LOAD` to load dynamic modules.

For this command to work each module directory must contain a Makefile with a `clis-module-distrib` target which uses `LN` to distribute the files necessary to run the module into `destdir`. This is in addition to the general requirement that `lin.sh` is present.

## EXAMPLES

See Section 2. Example.

## FILES

`clis-lin` needs a `lin` directory containing:

`modules.c`

`clis.h`

`clis-lin` expects to find these files in a subdirectory limit of the installation directory (i.e. `CUSTOM:*LIB-DIRECTORY*`) which it acquires by running

`dirname clis -b`

This can be overridden by the [environment variable](#) `CLISPLINKKIT`.

## SEE ALSO

`CLISP` manpages

`clis()`

## AUTHORS

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#### Others

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## COPYRIGHT

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## NOTES

- . `CLISP`  
<http://clis.org>
- . `MERGE-PATHNAMES`  
<http://ai.mit.edu/projects/iiidoc/CommonLISP/HyperSecBody/unmergeathnames.html>
- . `USERHOMEDIR-PATHNAME`  
<http://ai.mit.edu/projects/iiidoc/CommonLISP/HyperSecBody/unuserhomedirathname.html>

*CLISP-LINK()*

*Platform: oercedarin..d*

*CLISP-LINK()*

. *environment ariable*  
*set man.base.url.or.relati e .linsbasedescha.html*

*CLISP ..*

*Last modified: --*