

**NAME**

run-redir-union – Automate DESTDIR support using user-union.

**SYNOPSIS**

**DESTDIR=...** run-redir-union [*OPTIONS*] *command*

**DESCRIPTION**

This runs *command* and captures all added or changed files (using the union mount capability of *user-union*). After this, it merges the results into the directory \$DESTDIR, and then removes the original temporary directory. It will not capture changes to certain directories; for details, see the default settings as described in user-union(1).

Fundamentally, run-redir-union uses user-union to create a union mount. An alternative approach for capturing changes during installation is make-install(1) in the auto-destdir package, which which uses special versions of programs like "cp" instead of LD\_PRELOAD. Which approach is better depends on the program you are trying to install.

See user-union(1) for more about this command.

**OPTIONS**

- a Also use auto-destdir (specifically, run-redir) to wrap commands. This is useful if your basic commands (such as cp, ln, and so on) are statically linked and thus cannot be redirected by LD\_PRELOAD. On most systems you don't want to do this.
- k Keep temporary directory (instead of erasing it)
- h Keep and copy hidden user-union information (in .user-union)
- t Test option, per user-union. See its documentation for more.

**EXAMPLES**

A simple example is:

```
DESTDIR="$HOME/mydestdir" run-redir-union make install
```

**LIMITATIONS**

See user-union(1) for details. In practice, this program captures many changes invoked by a "make install" that doesn't use DESTDIR, because it interposes common operations such as open() and fopen().

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**REPORTING BUGS**

Report bugs to <dwheeler, at, dwheeler dot com> See <http://www.dwheeler.com/user-union> for more information.

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**SEE ALSO**

user-union(1), run-redir(1), make-redir(1), fakeroot(1).