

## NAME

cpan - easily interact with CPAN from the command line

## SYNOPSIS

```
# with arguments, installs specified modules
cpan module_name [ module_name ... ]

# with switches, installs modules with extra behavior
cpan [-cimt] module_name [ module_name ... ]

# without arguments, starts CPAN shell
cpan

# without arguments, but some switches
cpan [-ahrv]
```

## DESCRIPTION

This script provides a command interface (not a shell) to CPAN.pm.

### Meta Options

These options are mutually exclusive, and the script processes them in this order: [ahvr]. Once the script finds one, it ignores the others, and then exits after it finishes the task. The script ignores any other command line options.

- a  
Creates the CPAN.pm autobundle with CPAN::Shell->autobundle.
- h  
Prints a help message.
- r  
Recompiles dynamically loaded modules with CPAN::Shell->recompile.
- v  
Print the script version and CPAN.pm version.

### Module options

These options are mutually exclusive, and the script processes them in alphabetical order.

- c  
Runs a `make clean` in the specified module's directories.
- i  
Installed the specified modules.
- m  
Makes the specified modules.
- t  
Runs a `make test` on the specified modules.

**Examples**

```
# print a help message
cpan -h

# print the version numbers
cpan -v

# create an autobundle
cpan -a

# recompile modules
cpan -r

# install modules
cpan -i Netscape::Bookmarks Business::ISBN
```

**TO DO**

- \* add options for other CPAN::Shell functions autobundle, clean, make, recompile, test

**BUGS**

- \* none noted

**SEE ALSO**

Most behaviour, including environment variables and configuration, comes directly from CPAN.pm.

**AUTHOR**

brian d foy <bdfoy@cpan.org>