

NAME

checkbashisms – check for bashisms in /bin/sh scripts

SYNOPSIS

checkbashisms *script* ...

checkbashisms **--help****|****--version**

DESCRIPTION

checkbashisms, based on one of the checks from the **lintian** system, performs basic checks on */bin/sh* shell scripts for the possible presence of bashisms. It takes the names of the shell scripts on the command line, and outputs warnings if possible bashisms are detected.

Note that the definition of a bashism in this context roughly equates to "a shell feature that is not required to be supported by POSIX"; this means that some issues flagged may be permitted under optional sections of POSIX, such as XSI or User Portability.

In cases where POSIX and Debian Policy disagree, **checkbashisms** by default allows extensions permitted by Policy but may also provide options for stricter checking.

OPTIONS

--help, -h

Show a summary of options.

--newline, -n

Check for "**echo -n**" usage (non POSIX but required by Debian Policy 10.4.)

--posix, -p

Check for issues which are non POSIX but required to be supported by Debian Policy 10.4 (implies **-n**).

--force, -f

Force each script to be checked, even if it would normally not be (for instance, it has a bash or non POSIX shell shebang or appears to be a shell wrapper).

--extra, -x

Highlight lines which, whilst they do not contain bashisms, may be useful in determining whether a particular issue is a false positive which may be ignored. For example, the use of "**\$BASH_ENV**" may be preceded by checking whether "**\$BASH**" is set.

--version, -v

Show version and copyright information.

EXIT VALUES

The exit value will be 0 if no possible bashisms or other problems were detected. Otherwise it will be the sum of the following error values:

- | | |
|---|---|
| 1 | A possible bashism was detected. |
| 2 | A file was skipped for some reason, for example, because it was unreadable or not found. The warning message will give details. |
| 4 | No bashisms were detected in a bash script. |

SEE ALSO

lintian(1)

AUTHOR

checkbashisms was originally written as a shell script by Yann Dirson <dirson@debian.org> and rewritten in Perl with many more features by Julian Gilbey <jdg@debian.org>.