

NAME

check-symbols – verify symbols exported by a new library version

SYNOPSIS

check-symbols <source-package> [DEBDIR]

DESCRIPTION

To verify the symbols exported by a new library version, run **check-symbols** with the name of the source package as argument. **check-symbols** will first determine the symbols exported by the existing and installed library version, then install the new library and compare the symbols exported by the new library version with the symbols exported by the old version. For each of the symbols found, **check-symbols** will list if the symbol is new, unchanged or has been removed in the new library version.

In case the source package contains multiple binary library packages, all library files in each of the binary packages will be verified.

check-symbols uses **nm -D** to determine the exported symbols of the libraries.

If no value is given for DEBDIR, the script will assume the new library deb files are stored in /var/cache/pbuilder/result.

EXAMPLES

check-symbols telepathy-glib .

This will:

- Use **nm -D** to determine the exported symbols of the old, installed versions of the libraries provided by telepathy-glib.
- Install the binary libraries provided by the new version of telepathy-glib.
- Compare the output of **nm -D** of the new libraries with the output of the old version.
- List the result in diff format.

BUGS

Please report bugs on:

<https://bugs.launchpad.net/ubuntu/+source/ubuntu-dev-tools/>

SEE ALSO

nm(1)

AUTHOR

check-symbols was written by Daniel Holbach <daniel.holbach@ubuntu.com> and this manpage by Albert Damen <albrt@gmx.net>. Both are licensed under the GNU General Public License, version 2.