

NAME

deb-shlibs – Debian shared library information file

SYNOPSIS

debian/shlibs, **debian/binary-name.shlibs**, **DEBIAN/shlibs**

DESCRIPTION

shlibs files map shared library names and versions (*SONAMES*) to dependencies suitable for a package control file. There is one entry per line. Blank lines are **not** allowed. Lines beginning with a **#** character are considered commentary, and are ignored. All other lines must have the format:

[type:] library version dependencies

The *library* and *version* fields are whitespace-delimited, but the *dependencies* field extends to the end of the line. The *type* field is optional and normally not needed.

The *dependencies* field has the same syntax as the **Depends** field in a binary control file, see **deb-control(5)**.

SONAME FORMATS

The SONAME formats supported are:

name.so.version

and

name-version.so

where *name* is usually prefixed by **lib**.

EXAMPLES

The **shlibs** file for a typical library package, named *libcrunch1*, that provides one library whose SONAME is *libcrunch.so.1*, might read

```
libcrunch 1 libcrunch1 (>= 1.2-1)
```

The *dependencies* must mention the most recent version of the package that added new symbols to the library: in the above example, new symbols were added to version 1.2 of *libcrunch*. This is not the only reason the dependencies might need to be tightened.

SEE ALSO

deb-control(5), **dpkg-shlibdeps(1)**, **deb-symbols(5)**.