

1. Get this directory structure in your Package.

Note : This arrangement is essential for the correct building.

PACKAGE

|--DEBIAN

    |-- conffiles

    |-- control

    |-- md5sums

    |-- postint

    |-- prerm

|--opt

    |--lampp

        |--htdocs

            |--PACKAGE

we give ./opt/lampp/htdocs/PACKAGE because we want to finally install it in /opt/lampp/htdocs  
use cp -R PACKAGE PACKAGE/opt/lampp/htdocs/ in PACKAGE/..

It gives an error that the directory cannot be copied in itself.

Ignore it because the file actually gets copied.

2. Do a chmod 775 -R PACKAGE/ in PACKAGE/.. to give the permissions.

Now lets look at the files individually.....

3. The PACKAGE/DEBIAN/control

This should be entered inside in the same order for correct parsing.

Section: x11

Priority: extra

Maintainer: Vlabs <vlabs@iiiit.ac.in>

Build-Depends: Dependencies of the package

Standards-Version: 0.1

Homepage: http://vlabs.iiiit.ac.in

Package: PACKAGE

Architecture: all

Version: 0.1

Depends: Dependencies of the package.

Description: <Package Descriptions>

4. The PACKAGE/DEBIAN/conffiles

If you want to leave anything even if the user gives the

sudo apt-get remove .....command.

Currently leave empty.

5. The PACKAGE/DEBIAN/md5sums

Run this command in PACKAGE directory

```
$ find . -type f ! -regex '.*.hg.*' ! -regex '.*?debian-binary.*' ! -regex '.*?DEBIAN.*' -printf '%P '
```

```
| xargs md5sum > DEBIAN/md5sums
```

6. The PACKAGE/DEBIAN/postint

If anything has to be installed after the package installation. Left empty currently.

7. The PACKAGE/DEBIAN/prerm

If anything has to be installed before the package installation. Left empty currently.

8. To build the .deb file.

This command will do.

```
dpkg -b PACKAGE/ PACKAGE-version.deb
```

9. To install it:

```
dpkg -i PACKAGE-version.deb
```

Note: Use sudo command if asked for being the root or “Permission denied” Errors.

References:

<https://blog.serverdensity.com/how-to-create-a-debian-deb-package/>

<http://www.webupd8.org/2010/01/how-to-create-deb-package-ubuntu-debian.html>