

# deb安装包制作

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## 1.deb安装包结构

随便找一个包 `openssh-client_1%3a8.2p1-4ubuntu0.1_amd64.deb`, 随便修改一下

```
jing@pc01:/var/cache/apt/archives$ sudo dpkg -X openssh-client_1%3a8.2p1-4ubuntu0.1_amd64.deb extract
jing@pc01:/var/cache/apt/archives$ sudo dpkg -e openssh-client_1%3a8.2p1-4ubuntu0.1_amd64.deb extract/DEBIAN
jing@pc01:/var/cache/apt/archives$ tree extract/
extract/
├── DEBIAN
│   ├── conffiles  #主配置文件
│   ├── control   #记录软件包各种信息
│   ├── md5sums   #下面个文件哈希值
│   ├── postinst  #安装后运行脚本（文件拷贝到系统后运行的脚本）
│   ├── postrm   #卸载包后运行脚本
│   ├── preinst   #安装前运行脚本（拷贝文件到系统前运行的脚本）
│   └── prerm    #卸载前运行的脚本
├── etc          #以下是配置文件
│   └── ssh
│       ├── ssh_config
│       └── ssh_config.d
└── usr
    ├── bin
    │   ├── scp
    │   ├── sftp
    │   └── slogin -> ssh
    .....

```

## 2.control文件编写

```
Package: $softname
Source: Unknown
Version: $version-kylin
Architecture: $platform
Maintainer: haodong zhang <conquer929@qq.com>
Installed-Size: Unknown
Depends: Unknown
Recommends: Unknown
Suggests: Unknown
Conflicts: Unknown
Breaks: Unknown
Replaces: Unknown

```

```
Provides: Unknown
Section: Unknown
#Priority: Unknown
#Multi-Arch: Unknown
Homepage: Unknown
Description: This installation package is for internal use only, such as
external use will not bear any responsibility. The installation package is
mainly used for ha debugging of secret-related machines, and no responsibility
is assumed for the use of external machines.
```

## 3.打包

---

新建build目录用于存放制作好的deb包

```
dpkg -b extract/ build
```

## 4.验证

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```
dpkg -c xxx.deb
dpkg -i xxx.deb
dpkg -s xxx.deb  #检查是否安装此包
dpkg -r xxx.deb  #删包
dpkg -P xxx.deb  #删包删文件
dpkg -l xxx.dev  #看包信息
```

一键制作deb包脚本/PDF下载: <https://github.com/zhd-haodong/Ebook>

deb博客链接: [https://blog.csdn.net/qq\\_44839276/article/details/107744043](https://blog.csdn.net/qq_44839276/article/details/107744043)

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