

Suggested readings:

- [Debian package management introduction and reference.](#)
- [15 Practical Examples of “dpkg commands” for Debian Based Distros](#)
- [Using PPA in Ubuntu Linux](#)

. deb packages

- Sample: `firefox_75.0-2_amd64.deb`
- Archive containing:
 - Files
 - Pre- and post installation scripts
 - trigger

The **apt** command

- Network based
- Dependency aware
- Automated system updates

```
#> apt update ❶
Hit:1 http://security.debian.org/buster/updates InRelease
...
4 packages can be upgraded

#> apt upgrade ❷
... The following packages will be upgraded:
  libldap-2.4-2 libldap-common libssl1.1 openssl
...
Get:1 http://security.debian.org/buster/updates/main ...
Get:2 http://security.debian.org/buster/updates/main ...
```

Rationale using PPA's

Problems:

- “Not available here”
- Version outdated
- Needing “bleeding edge” version