

# Debian

- Apt-usage
- Create and restore apt-package-list

# Apt-usage

## Install package

```
apt-get install <packagename>
```

## search package

```
apt-cache search <packagename> or <packagedescription>
```

## remove package

```
apt-get remove <packagename>
```

 to remove but letting configfiles untouched

```
apt-get purge <packagename>
```

 to remove with configfiles and without checking dependencies

```
apt-get autoremove
```

 remove unnecessary Packages

## Update Package-Cache

```
apt-get update
```

## Upgrade Packages

and (without installing additional) dependencies

```
apt-get upgrade
```

can lead to breaking. To install needed dependencies do:

```
apt-get install -f
```

# Upgrade whole OS

```
apt-get dist-upgrade
```

# Create and restore apt-package-list

you can use this list for example to install all your apt packages on another machine, for example if you migrate or want to start over on a fresh installation

```
dpkg --get-selections | awk '$2 == "install" {print $1}' > packages.list.save
```

## Restore your apt-packages

```
xargs -a "packages.list.save" sudo apt-get install
```

**Don't forget to save your `/etc/apt/sources.list` and `/etc/apt/sources.list.d/*`, too!**