FreeBSD Maintenance

Maintaining the system...

System Upgrade/Update

For example, upgrading 10.1-RELEASE to 10.2-RELEASE

```
# freebsd-update -r 10.2-RELEASE upgrade
```

Then run

```
# freebsd-update install
```

To update within a release, do a

```
# freebsd-update fetch
```

before running 'install'.

Hint hit 'q' when prompted

Package Upgrade/Update

Install package

```
# pkg install <pkg_name> [...]
```

Note: include '*-y*' *to override prompts*

Remove package

```
# pkg delete
```

Update catalogue

```
# pkg update
```

Upgrade software

```
# pkg upgrade
```

List installed packages

```
# pkg info
```

Remove all packages and start over

```
pkg delete --all --force
```

Clean all package cache

```
pkg clean
```

If pkg installation quits due to size mismatch or something,

```
pkg clean
rm -rf /var/cache/pkg/*
pkg update -f
```

Using ports system

Will most probably need these at some point...

To get it,

```
portsnap fetch extract
```

To update,

```
portsnap fetch update
```

To manage, use portmaster

Using portmaster

To build portmaster,

```
cd /usr/ports/ports-mgmt/portmaster/ && make install clean
```

To setup portmaster,

```
# cp /usr/local/ etc/portmaster.rc.sample /usr/local/ etc/portmaster.rc
# ee /usr/local/ etc/portmaster.rc
```

To update all ports

```
portmaster -a
```

To search updates

```
portmaster -L | grep "New version available:"
```

To cleanup

```
portmaster --clean-distfiles{-all}
```

To remove port

```
portmaster -e target_port
```

To rebuild port

```
portmaster -r target_port
```

Dumping ground - from portmaster man page...

```
     Build a port locally but use packages for build dependencies, then
delete
     the build dependencies when finished:
       portmaster --packages-build --delete-build-only fooport-1.23

     Update a system using only packages that are available locally:
       portmaster -PP --local-packagedir=<path> -a

     Update all ports that need    updating:
       portmaster -a

     Update all ports that need    updating, and delete stale distfiles
after the
     update is done:
       1. portmaster -aD
       2. portmaster --clean-distfiles
```

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