Tired of Linux bloatwares lately (systemd/Wayland/...) I'm trying my X230Tablet on FreeBSD 11.
I like the concept, the doc!! the packages or source method to install a tons of software ! work in progress not yt done as the system is not as flexible as I could hope... I compiled Xorg with an unsupported driver, no way to have the compilation back to normal...

I use the default install using my full hard drive (zfs encrypted). Just boot on the CD, answer some questions, then continue reading for the rest:

# Post install

first let's grab an updated version of ports: ! do only once ! use the update command below afterwards

```
portsnap fetch
```

once done let's extract it:

```
portsnap extract
```

all in one:

```
portsnap fetch extract
```

## fresh the ports

:!:Later, update the tree using:

```
portsnap fetch update
```

## Vim

I use Vim :) so:

```
whereis vim
vim: /usr/ports/editors/vim
```

let's compile it + its dependencies:

```
cd /usr/ports/editors/vim
make install clean
```

go grab tea/coffee!

# Xorg

Let's go graphical!

```
whereis xorg
cd /usr/ports/x11/xorg
make install clean
```

Continue on drinking coffee/tea 😎 After some minutes, we have Xorg installed, now we need to configure it:

```
/usr/local/bin/Xorg -configure
cp xorg.conf.new /etc/X11/xorg.conf
```

Add your user to the video and wheel groups

```
pw groupmod wheel -M < your user>
pw groupmod video -M < your user>
```

Add those lines in /etc/rc.conf:

```
hald_enable="YES"
dbus_enable="YES
```

# XDM

Some login manager, I like it simple :)

```
cd /usr/local/x11/xdm
make install clean
```

edit /etc/ttys

```
ttyv8   "/usr/local/bin/xdm -nodaemon"  xterm   on secure
```

check your ~/.xsession-errors files for problems if you cannot login I had to install xsm ...

## Fluxbox

Let's have some more modern Window Manager

```
 cd /usr/ports/x11-wm/fluxbox
make install clean BATCH=yes
```

Add the following in you ~/.xinitrc:

```
exec startfluxbox
```

# Virtualbox

Let's install some virtual machine thus an hypervisor

```
 cd /usr/ports/emulators/virtualbox-ose
 make install clean BATCH=yes
```

edit /boot/loader.conf to add:

```
vboxdrv_load="YES"
```

edit /etc/rc.conf :

```
vboxnet_enable="YES"
```

Reboot

```
pw groupmod vboxusers -m <username>
```

smooth restrictions:

```
chown root:vboxusers /dev/vboxnetctl
chmod 0660 /dev/vboxnetctl
```

Fix Me! compilation ends with errors ... no pkg available( pkg_add does not work here...) So end of test and waste of time

Checklist for further tests:

# Portmaster

```
 cd /usr/ports/pots-mgmt/portmaster
make install clean BATCH=yes
```

- wifi works
- named/local dns (optional but prefered)
- sysutils/automounter
- hal/dbus/amd setup
- bootsplash enhancements
- https://www.freebsd.org/doc/handbook/ports-using.html portmaster

References

- https://openclassrooms.com/courses/a-la-decouverte-d-unix-freebsd
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- https://www.banym.de/freebsd/freebsd-10-1-using-uefi
- http://unix.stackexchange.com/questions/147939/freebsd-10-with-root-on-zfs-using-only-a-part-of-the-disk
- https://lildude.co.uk/zfs-cheatsheet/
- http://www.bsdnow.tv/tutorials/zfs
- https://www.freebsd.org/doc/handbook/x-xdm.html
- https://www.freebsd.org/doc/handbook/virtualization-host-virtualbox.html
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