team
the graphics stack
challenges
future
agenda

team
the graphics stack
challenges
future
team
the graphics stack
challenges
future
team
small team
use github
multiple repositories
github.com/FreeBSDDesktop
small team
use github
multiple repositories
github.com/FreeBSDDesktop
small team
use github
multiple repositories
github.com/FreeBSDDesktop
small team
use github
multiple repositories

github.com/FreeBSDDesktop
300 ports
ports infrastructure
drivers
~300 ports
ports infrastructure
drivers
~300 ports
ports infrastructure
drivers
core libraries
X servers
wayland
applications
core libraries
X servers
wayland
applications
core libraries
X servers
wayland
applications
core libraries
X servers
wayland
applications
drivers
legacy driver in base
complete port
comparable to Linux 3.8
legacy driver in base

complete port

comparable to Linux 3.8
legacy driver in base
complete port
comparable to Linux 3.8
new driver in port

uses Linux kpi (lkpi)

amd64 only
new driver in port
uses Linux kpi (lkpi)
amd64 only
new driver in port
uses Linux kpi (lkpi)
amd64 only
multiple versions

meta port work in progress

available in FreeBSD 11.2
multiple versions
meta port work in progress
available in FreeBSD 11.2
multiple versions
meta port work in progress
available in FreeBSD 11.2
libraries
mesa – OpenGL

libdrm

xorg libraries
libraries

mesa – OpenGL
libdrm
xorg libraries
libraries

mesa – OpenGL
libdrm
xorg libraries
out of date

ddx drivers

modesetting
out of date
ddx drivers
modesetting
out of date

ddx drivers

modesetting
focus upstream
outdated in FreeBSD
needs attention
wayland

focus upstream

outdated in FreeBSD

needs attention
focus upstream
outdated in FreeBSD
needs attention
challenges
challenges

testing
build time
developer bandwidth
challenges

testing
build time
developer bandwidth
future
input devices

drm-legacy

more architectures
future

input devices
drm-legacy
autoloading
more architectures
future

input devices
drm-legacy
autoloading
more architectures
future

input devices

drm-legacy

autoloading

more architectures
future

network manager
power management
wifi support
network manager
power management
wifi support
network manager
power management
wifi support
github.com/FreeBSDDesktop
gitter.im/FreeBSDDesktop/Lobby
x11@FreeBSD.org
#freebsd-xorg @ EFNet