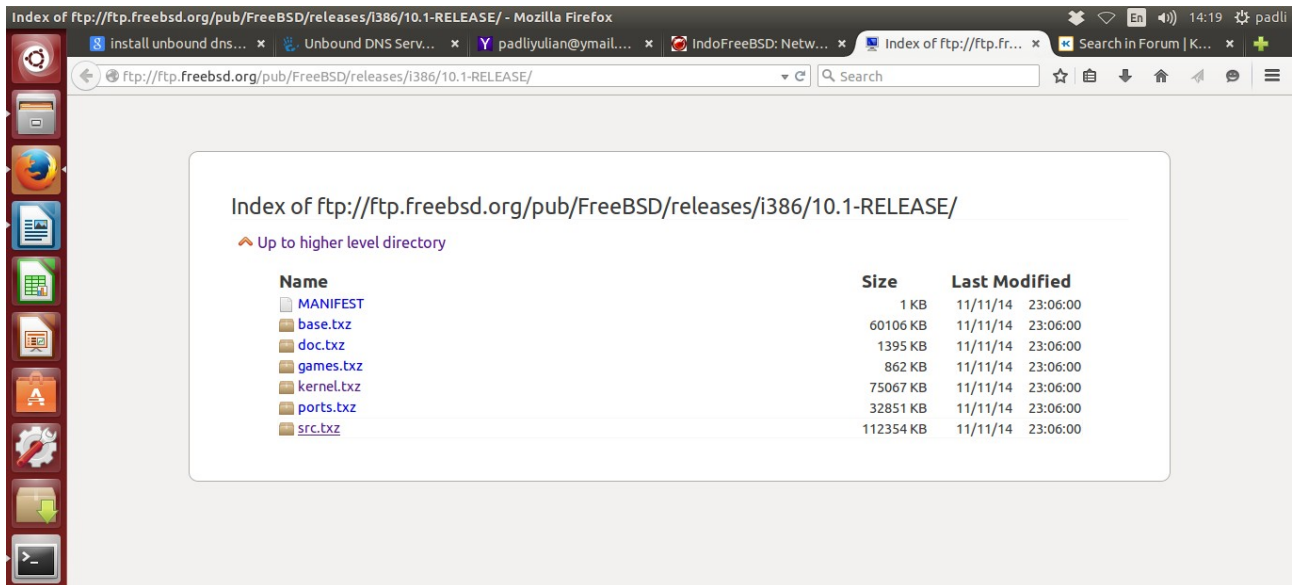


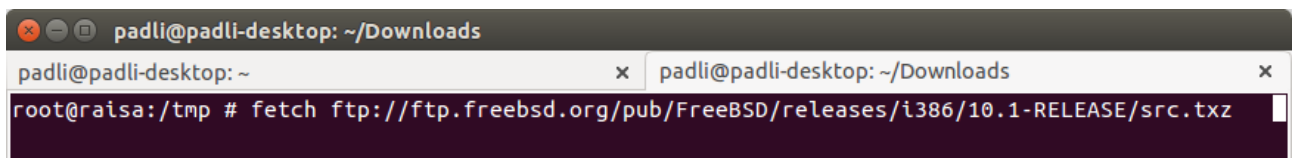
## BUILD KERNEL ON FREEBSD 10.1 (i386/amd64/etc)

1. download source "src.txz" dari internet

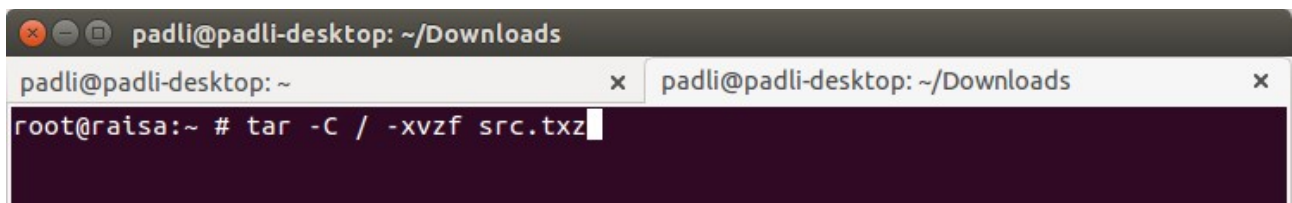
"ftp://ftp.freebsd.org/pub/FreeBSD/releases/" lewat browser



atau lewat terminal freeBSD "fetch link source"



2. setelah selesai extract src.txz ke drive / "tar -C / -xvzf src.txz"



3. cek dir `"/usr/src/sys/i386/conf"` dan copy `GENERIC` ke `KRAISA`

```
padli@padli-desktop: ~/Downloads
padli@padli-desktop: ~
root@raisa:~ # cd /usr/src/sys/i386/conf/
root@raisa:/usr/src/sys/i386/conf # ls
DEFAULTS      GENERIC.hints  Makefile      PAE            XEN
GENERIC       KRAISA        NOTES        XBOX
root@raisa:/usr/src/sys/i386/conf # cp GENERIC KRAISA
```

4. edit dan sesuaikan dengan kebutuhan `"vi KRAISA"`, save lalu move ke `"cd /usr/src"`

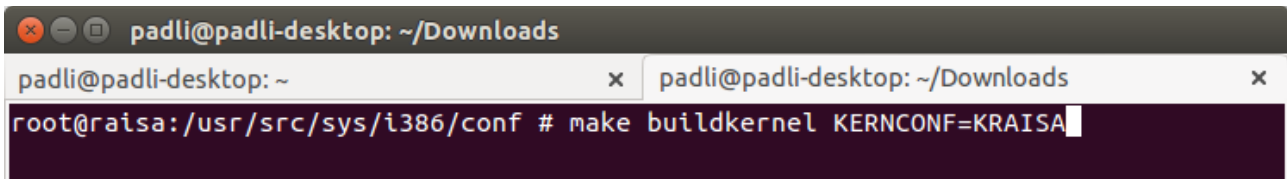
```
padli@padli-desktop: ~/Downloads
padli@padli-desktop: ~
## If you are in doubt as to the purpose or necessity of a line, check first
# in NOTES.
#
# $FreeBSD: releng/10.1/sys/i386/conf/GENERIC 271234 2014-09-07 18:43:26Z markj $

cpu          I486_CPU
cpu          I586_CPU
cpu          I686_CPU
ident        GENERIC

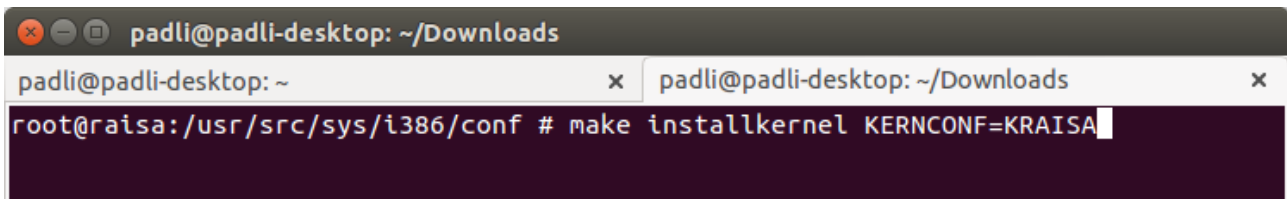
makeoptions  DEBUG=-g          # Build kernel with gdb(1) debug symbols
makeoptions  WITH_CTF=1        # Run ctfconvert(1) for DTrace support

options      SCHED_ULE          # ULE scheduler
options      PREEMPTION         # Enable kernel thread preemption
options      INET               # InterNETworking
#options     INET6              # IPv6 communications protocols
options      TCP_OFFLOAD        # TCP offload
options      SCTP               # Stream Control Transmission Protocol
options      FFS                # Berkeley Fast Filesystem
options      SOFTUPDATES        # Enable FFS soft updates support
options      UFS_ACL            # Support for access control lists
options      UFS_DIRHASH        # Improve performance on big directories
```

5. build dan install kernel "make buildkernel KERNCONF=KRAISA" && "make installkernel KERNCONF=KRAISA"



```
padli@padli-desktop: ~/Downloads
padli@padli-desktop: ~ x padli@padli-desktop: ~/Downloads x
root@raisa:/usr/src/sys/i386/conf # make buildkernel KERNCONF=KRAISA
```



```
padli@padli-desktop: ~/Downloads
padli@padli-desktop: ~ x padli@padli-desktop: ~/Downloads x
root@raisa:/usr/src/sys/i386/conf # make installkernel KERNCONF=KRAISA
```

6. restart pc

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