Frequently Asked Questions

Question

1 = > 2 ; 5 = 8 5 FreeBSD

Answer

8 = 0 @ = > 5 > 1 = > 2 ; 5 = 8 5:

```
# freebsd-update upgrade -r 8.3-RELEASE
```

5 @ 2 > = 0 G 0 ; L = K 9 ? @ > F 5 A A 0 ? 3 @ 5 9 4 0, O 4 @ > A B 0 2 8 B A O GENERIC, 7 0 4 0 N B A O 2 > ? @ > A K ? @ > : > = D 8 3 D 0 9 ; K.

```
# freebsd-update install
# shutdown -r now
```

/ 4 @ > > 1 = > 2 ; O 5 B A O, ? 5 @ 5 3 @ C 6 0 5 < A O.

```
# freebsd-update install
```

4 5 A L freebsd-update 3 > 2 > @ 8 B, = 0 4 > ; 8 ? 5 @ 5 : > < ? 8 ; 8 B L C A B 0 = > 2 ; 5 = = > 5 8 7 ? > @ B > 2 2 A 2 O 7 8 A > A < 5 = > 9 2 5 @ A 8 8 ; 81.

```
# freebsd-update install
```

1 8 2 0 N B A O A B 0 @ K 5 ; 8 1 K 8 7 0 : 0 = G 8 2 0 5 B A O ? @ > F 5 A A ? 5 @ 5 E > 4 0 = 0 = > 2 C N 2 5 @ A 8 N.

```
# shutdown -r now
```

1 = > 2 ; 5 = 8 5 G 5 @ 5 7 8 A E > 4 = 8 : 8, csup:

@ > 2 5 @ O 5 < 2 5 @ A 8 N 8 A E > 4 = 8 : > 2:

```
freebsd /# grep -A 2 'TYPE="' /usr/src/sys/conf/newvers.sh
TYPE="FreeBSD"
REVISION="8.1"
BRANCH="RELEASE-p2"
```

4 5 < 2 /usr/share/examples/cvsup, 1 5 @ 5 < D 0 9 ; standard-supfile 8 : > ? 8 @ C 5 < 2 1 > ; 5 5 C 4 > 1 = > 5 < 5 A B >.

```
freebsd /# cp /usr/share/examples/cvsup/standard-supfile /etc/supfile
```

@ 8 2 > 4 8 < 5 3 > : B 0 : > < C 2 8 4 C:

```
*default host=cvsup6.ru.FreeBSD.org
```
! ? 8 A > : 75 @ : 0 ; < > 6 = > = 0 9 B 8 B C B

http://www.freebsd.org/doc/handbook/cvsup.html#CVSUP-MIRRORS
```
*default base=/var/db
*default prefix=/usr
*default release=cvs tag=RELENG_8_3
```
! ? 8 A > : B 5 3 > 2 http://www.freebsd.org/doc/handbook/cvs-tags.html
```
*default delete use-rel-suffix
*default compress
src-all
```

> A ; 5 A > E @ 0 = 5 = 8 O, 7 0 ? C A : 0 5 <:

```
csup -g -L 2 /etc/supfile
```

0 ? C A B 8 B A O A 8 = E @ > = 8 7 0 F 8 O 8 A E > 4 = K E B 5 : A B > 2 A 8 A B 5 < K.
; 8 B 5 ; L > A B L 7 0 2 8 A 8 B > B A : > @ > A B 8 : 0 = 0 ; 0.

1 = > 2 ; 5 = 8 5 G 5 @ 5 7 8 A E > 4 = 8 : 8, svn:

> B ; 8 G 8 8 > B csup, svn = 5 2 E > 4 8 B 2 A B 0 = 4 0 @ B = C N ? > A B 0 2 : C
> ? 5 @ 0 F 8 > = = > 9 A 8 A B 5 < K FreeBSD, 5 5 = C 6 > C A B 0 = > 2 8 B L
4 > ? > ; = 8 B 5 ; L > .   ? > @ B 0 E FreeBSD, : @ > < 5 > 1 K G = > 9 subversion
A C I 5 A B 2 C 5 B 5 I 5 8 A ? 5 F 8 0 ; 8 7 8 @ > 2 0 = = K 9 2 0 @ 8 0 = B subversion-freebsd,
4 ; O > 1 = > 2 ; 5 = 8 O 8 A E > 4 = 8 : > 2 = 0 A 8 B 5 @ 5 A C 5 B 8 < 5 = = > > =.

```
freebsd /# cd /usr/ports
freebsd /# make -C devel/subversion-freebsd install clean
```

; O A 8 = E @ > = 8 7 0 F 8 8 G 5 @ 5 7 svn < > 6 = > 8 A ? > ; L 7 > 2 0 B L HTTP 8 ; 8
SVN A 5 @ 2 5 @:

```
freebsd /# svn checkout http://svn.freebsd.org/base/releng/8.2/ /usr/src  # G 5 @ 5 7 HTTP
```

8 ; 8 A > > B 2 5 B A B 2 5 = = >

```
freebsd /# svn checkout svn://svn.freebsd.org/base/releng/8.2/ /usr/src  # G 5 @ 5 7 SVN
```

> A ; 5 7 0 2 5 @ H 5 = 8 O, A = > 2 0 A < > B @ 8 < 2 5 @ A 8 N:

```
freebsd /# grep -A 2 'TYPE="' /usr/src/sys/conf/newvers.sh
TYPE="FreeBSD"
REVISION="8.2"
BRANCH="RELEASE-p1"
```

A 5 : 0 : = 0 4 >.
4 0 ; L = 5 9 H 5 <, 4 ; O A 8 = E @ > = 8 7 0 F 8 8, 4 > A B 0 B > G = > A 4 5 ; 0 B L:

freebsd /# svn update /usr/src/

! 1 > @ : 0 2 A 5 3 > A > 1 = > 2 ; 5 = = K < 8 8 A E > 4 = 8 : 0 < 8:

' 8 A B 8 < = 0 2 A O : 89 A ; C G 09 4 8 @ 5 : B > @ 8 N /usr/obj : 0 : @ 5 : > < 5 = 4 C 5 B
E 5 = 4 1 C ::

freebsd /# cd /usr/obj
freebsd /# chflags -R noschg *
freebsd /# rm -rf *
freebsd /# cd /usr/src
freebsd /# make cleandir # E 5 = 4 1 C : @ 5 : > < 5 = 4 C 5 B 2 K ? > ; = O B L M B C
: > < 0 = 4 C 4 2 0 6 4 K (!)
freebsd /# make cleandir

  4 5 < 4 5 @ 5 2 > 8 A E > 4 = K E B 5 : A B > 2:

freebsd /# cd /usr/src

  8 @ 2 : > = B 5 : A B 5 > ? 5 @ 0 F 8 > = = > 9 A 8 A B 5 < K FreeBSD, M B > 2 A 5, G B >
= 5 O 4 @ >.   ; N G -j : > < 0 = 4 K make ? > 7 2 > ; O 5 B 7 0 ? C A B 8 B L ? @ > F 5 A A 2
= 5 A : > ; L : > ? > B > : > 2, : ; N G -s C < 5 = L H 0 5 B : > ; 8 G 5 A B 2 >
8 = D > @ < 0 F 8 8 2 K 2 > 4 8 < > 9 = 0 M : @ 0 = 2 ? @ > F 5 A A 5 A 1 > @ : 8.
 > < 0 = 4 0 time ? > A B > A G 8 B 0 5 B 2 @ 5 < O. 7 0 B @ 0 G 5 = = > 5 = 0
2 K ? > ; = 5 = 8 5 A ; 5 4 C N I 5 9 7 0 = 5 9 : > < 0 4 K, G 8 A B > 4 ; O
8 = B 5 @ 5 A A 0).   0 ? C A : 0 5 < A 1 > @ : C < 8 @ 0 8 6 4 5 <.

freebsd /usr/src# time make -s -j4 buildworld

  A ; 8 2 A 5 ? @ > H ; > C A ? 5 H = >, ? > ; C G 0 5 <:

>>> World build completed on Thu Apr 21 06:43:20 UTC 2011

" 5 ? 5 @ L A > 1 8 @ 0 5 < O 4 @ >.   ? 0 @ 0 < 5 B @ 5 KERNCONF, C : 0 7 K 2 0 5 B A O
= 0 7 2 0 = 8 5 = 0 H 5 3 > O 4 @ 0, 5 A ; 8 B 0 : > 2 > 5 8 < 5 5 B A O, 5 A ; 8 4 0 = = 0 O
> ? F 8 O = 5 C A B 0 = > 2 ; 5 = 0, 1 C 4 5 B A > 1 @ 0 = > O 4 @ > GENERIC,
8 A ? > ; L 7 C 5 < > 5 A 8 A B 5 < > 9 FreeBSD ? > C < > ; G 0 = 8 N.
  4 0 = = > < A ; C G 0 5 O A > 1 @ 0 N A 2 > 5 O 4 @ >:

freebsd /usr/src# make -j4 -s buildkernel KERNCONF=GARROTTE

 # A B 0 = 0 2 ; 8 2 0 5 < B > ; L : > G B > A : > < ? 8 ; 8 @ > 2 0 = = > 5 O 4 @ >:

freebsd /usr/src# make -s installkernel KERNCONF=GARROTTE

  @ 8 C A B 0 = > 2 : 5 = > 2 > 3 > O 4 @ 0 ? @ > 8 A E > 4 8 B A ; C 4 C N I 5 5:

= > 2 > 5 O 4 @ > : > ? 8 @ C 5 B A O 2 ? 0 ? : C /boot/kernel, B 5 : C I 5 5
? 5 @ 5 < 5 I 0 5 B A O 2 /boot/kernel.old.   A ; C G 0 5, 5 A ; 8 A = > 2 K < O 4 @ > <
A 8 A B 5 < 0 = 5 7 0 2 5 ; 0 A L, 5 A B L 2 > 7 < > 6 = > A B L 7 0 3 @ C 7 8 B L
? @ 5 4 K 4 C I C N 2 5 @ A 8 N 8 7 : > < 0 = 4 = > 9 A B @ > : 8 7 0 3 @ C G 8 : 0.

" 5 ? 5 @ L = C 6 = > A 4 5 ; 0 B L ? 5 @ 5 7 0 3 @ C 7 : C 2
> 4 = > ? > ; L 7 > 2 0 B 5 ; L A : 8 9 @ 5 6 8 <. 5 ; 0 5 < ; 8 8 > reboot, 0 7 0 B 5 <
= 0 M : @ 0 5 7 0 3 @ C 7 G 8 : 0 2 K 1 8 @ 0 5 < Single user mode, F 8 D @ 0 4 2 > : = 5
7 0 3 @ C 7 G 8 : 0, ; 8 1 > 8 A ? > ; L 7 C 5 < : > < 0 4 C shutdown now,
? 5 @ 5 5 2 > 4 O I C N < 0 H 8 = C 2 @ 5 6 8 < single user.

   ? @ > F 5 A A 5 7 0 3 @ C 7 : 8, 1 C 4 5 B 2 K 4 0 = 0 7 0 ? @ > A, 2 2 5 A B 8 ? > ; L = K 9
? C B L : A 8 A B 5 < = > 9 > 1 > ; > G : 5, B C B < > 6 = > ? @ > A B > = 0 6 0 B L
Enter, A > 3 ; 0 A 8 2 H 8 A L A ? @ 5 4 ; > 6 5 = = K < /bin/sh.
  A ; 8 8 A ? > ; L 7 > 2 0 ; 8 shutdown now, @ 0 7 4 5 ; K 1 C 4 C B A < > = B 8 @ > 2 0 = K
: 0 : = C 6 = >, ? @ 8 8 A ? > ; L 7 > 2 0 = 8 8 reboot, 1 C 4 C B A < > = B 8 @ > 2 0 = K 2
@ 0 7 4 5 ; 0, devfs 8 : > @ = 5 2 > 9 @ 0 7 4 5 ; , ? @ 8 M B > < : > @ = 5 2 > 9 1 C 4 5 B
A < > = B 8 @ > 2 0 = 2 @ 5 6 8 < 5 read only, B > 5 A B L B > ; L > G B 5 = 8 5.

  A ; 8 4 5 ; 0 ; 8 reboot, ? > A B C ? 0 5 < A ; 5 4 C N I 8 < > 1 @ 0 7 > <:

mount -u / #   5 @ 5 < > = B 8 @ C 5 < : > @ = 5 2 > 9 @ 0 7 4 5 ; 2 @ 5 6 8 <
 G B 5 = 8 5/ 7 0 ? 8 A L
mount -a   # > = B 8 @ C 5 < 2 A 5 G B > ? @ > ? 8 A 0 = > 2 /etc/fstab

B 5 ? 5 @ L 2 K ? > ; = O 5 < : > < 0 4 C

freebsd /# mergemaster -p

" C B = C 6 = > 1 K B L 2 = 8 < 0 B 5 ; L = K < A < > B @ 5 B L, G B > mergemaster
? @ 5 4 ; 0 3 0 5 B A 4 5 ; 0 B L A B 5 < 8 8 8 = K < : > = D 8 3 > <, 8 2 K 1 8 @ 0 B L
C A B @ 0 8 2 0 N I 8 9 2 0 A 2 0 @ 8 0 = B 4 5 9 A B 2 8 9.

 d - > A B 0 2 8 B L A B 0 @ K 9 2 0 @ 8 0 = B D 0 9 ; 0, C 4 0 ; 8 2 = > 2 K 9;
 i - C A B 0 = > 2 8 B L = > 2 K 9, C 4 0 ; 8 2 A B 0 @ K 9;
 m - ? > A B @ > G = > 5 A @ 0 2 = 5 = 8 5 A B 0 @ > 3 > 8 = > 2 > 3 > D 0 9 ; 0;
 v - A @ 0 2 = 8 B L D 0 9 ; K 5 I 5 @ 0 7.

 @ 8 2 K 1 > @ 5 ? > A B @ > G = > 3 > A @ 0 2 = 5 = 8 O. = 0 M : @ 0 = 1 K 4 C B
2 K 2 5 4 5 = K > 1 5 2 5 @ A 8 8 D 0 9 ; 0, A ; 5 2 0   A > 4 5 @ 6 8 < > 5 A B 0 @ > 3 >
D 0 9 ; 0, A ? @ 0 2 0   = > 2 > 3 >. > 7 < > 6 K 5 2 0 @ 8 0 = B K 4 5 9 A B 2 8 9:

 l - 8 A ? > ; L 7 > 2 0 B L 2 0 @ 8 0 = B A ; 5 2 0, B > 5 A B L A B 0 @ K 9;
 r - 8 A ? > ; L 7 > 2 0 B L 2 0 @ 8 0 = B A ? @ 0 2 0, B > 5 A B L = > 2 K 9;

 < 5 9 B 5 2 2 8 4 C, B C ? 0 O C A B 0 = > 2 : 0 A 2 5 6 8 E 2 5 @ A 8 9 : > = D 8 3 > 2, = 5
2 A 5 3 4 0 O 2 ; O 5 B A O B 5 <, G B > 2 0 < = C 6 = >, ? > A : > ; L : C 2

? @ > F 5 A A 5 @ 0 1 > B K 2 K < > 3 ; 8 = 0 A B @ 0 8 2 0 B L : 0 : 8 5- B > : > = D 8 3 8

? > 4 A 2 > 8 = C 6 4 K 8 2 K 1 @ 0 2 C A B 0 = > 2 : C = > 2 > 9 2 5 @ A 8 8 D 0 9 ; 0, 2 A 5

A 4 5 ; 0 = = K 5 8 7 < 5 = 5 = 8 O 2 A B 0 @ > < D 0 9 ; 5 1 C 4 C B C B 5 @ O = K.

  > A ; 5 7 0 2 5 @ H 5 = 8 O @ 0 1 > B K = 0 4 : > = D 8 3 0 < 8, C A B 0 = 0 2 ; 8 2 0 5 <

< 8 @:

freebsd /# make installworld

  @ > F 5 A A = 5 < = > 3 8 < 4 > ; L H 5 C A B 0 = > 2 : 8 O 4 @ 0, ? > A ; 5

> : > = G 0 = 8 O 4 5 ; 0 5 < reboot 8 ? @ > 2 5 @ O 5 < G B > ? > ; C G 8 ; > A L:

freebsd /# uname -r

8.2-RELEASE-p1

  > = 5 > 1 E > 4 8 < > A B 8, C 4 0 ; O 5 < A B 0 @ K 5 1 8 1 ; 8 > B 5 : 8:

freebsd /# cd /usr/src && make check-old

freebsd /# yes | make delete-old

freebsd /# yes | make delete-old-libs

  G 8 A B 8 < 7 0 A > 1 > 9 /usr/obj

freebsd /# cd /usr/obj && chflags -R noschg * && rm -rf *

Details

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