



|                   |    |
|-------------------|----|
| 3. #####          | 2  |
| 4. ##### & #####  | 3  |
| 5. ##### # #####  | 5  |
| 6. ##### ## ##### | 10 |
| 7. #####          | 14 |

## 1. #####

#### ##### ##### ## [### #####](#).

## 2. #####

##### ##### ## ##### ##### ##### #####  
 ##### ##### ## #####. #### ##### # ##  
 ## ##### ## #####. # ##### ## ## #####  
 ##### ##### # ##### ## ##### ##### # ##  
 ### ##### ##### ##### ##### ##### # ##  
 ## ##### ## #####. #### ##### ## ##  
 ### ##### # ##### ## ##### ## ##  
 #####, # ## ##### # ##### ##### #####. ####  
 ##### ##### ## ##### ## ##### #####  
 #####.

## 3. #####

#### ##### # #### ##### ## #####  
 ## #####.

- ##### # #####.



### ####

## #####, ## #####  
 ## ##### ## #####  
 #####.

- ### ##### # #### ##### ## ##### 4 ## ## #####  
 ##### # ##### ## ##### 7.1 # 7.2, ## # #####  
 ##### ##### ## #####

```
##### ## ##### ##### ##
##### ## #####
```

- ##### ## ##### **##(1)** ## ## ##### ##### ##### ## #####  
# ##### #####.
- ##### ## ##### ##, ##### **#####**, ## ## ## ##### ## ##### #####  
#### # #####. ## #####, ##### ##### 7.1 # 7.2 ##### ##  
##### ## 4 ##, # ##### 2.6 ## ##### #####.
- ##### ##### ## ##### ##### ## # ##### **##(1)**

#### 4. ##### & #####

```
#### ##### # ##### ## ##### ##### ##### # #####/  
##### # #####:
```

```
% svn co http://svn.freebsd.org/base/user/cperciva/freebsd-update-build freebsd-update-server
```

```
##### # scripts/build.conf ## #####. ### # ##### ## ##### ##  
#####.
```

```
#### ##### # build.conf #####, ## ##### ## ##### ## ##  
#####.
```

```
# Main configuration file for FreeBSD Update builds. The  
# release-specific configuration data is lower down in  
# the scripts tree.
```

```
# Location from which to fetch releases  
export FTP=ftp://ftp2.freebsd.org/pub/FreeBSD/releases❶
```

```
# Host platform  
export HOSTPLATFORM=`uname -m`
```

```
# Host name to use inside jails  
export BUILDHOSTNAME=${HOSTPLATFORM}-builder.daemonology.net❷
```

```
# Location of SSH key  
export SSHKEY=/root/.ssh/id_dsa❸
```

```
# SSH account into which files are uploaded  
MASTERACCT=builder@wadham.daemonology.net❹
```

```
# Directory into which files are uploaded  
MASTERDIR=update-master.freebsd.org❺
```

```
##### ## ##### ## #####:
```

##### & #####

```
##### # ##### ## ##### ##### ##### ## ##### ##### ## (### ###  
##### fetchiso() ## scripts/build.subr). # ##### # ## ##### ##### #  
##### ## ##. ##### ## ##### ##### ##### ##### ##### (1) ##### ##.
```

```
##### ## ##### ## fetchiso) ##### ##### ##### # ##### #####
build.subr ##### # ## # ##### # ##### scripts/RELEASE/
ARCHITECTURE/build.subr # ##### # #####.
```

```
② # ##### ## ##### ##### ##### # #####. ##### #####  
##### # ##### #####:
```

```
% uname -v
```

```

5 # #####
# ##### ssh-keygen -t dsa. #####;
# #####
##### SSHKEY #####.

```

# ##### ## ##### #####(1) ### ##### ##### ##### #  
### # ## ##### ##### ##### # ### #####.

④ ##### ## ##### # ##### # #####.

5 ##### ## ##### ## ##### ##### # ##### ## ##### #####  
#####.

```
# ##### build.conf #####, ##### # # ##### #,###
##### # # ##### #386 # # #####. # ##### #
##### # # ##### # # ##### #,#####
##### # # ##### # # ##### #64:
```

1. ##### ## ##### ## ##### ## ## ##64:

```
% mkdir -p /usr/local/freebsd-update-server/scripts/7.2-RELEASE/amd64
```

```
2. ##### # ##### build.conf ##### # ##### #####. ## #####
## ##### ##### # ##### 7.2##### ## ##### ##64 ##### ##
##### #:
```

```
# SHA256 hash of RELEASE disc1.iso image.
export RELH=1ea1f6f652d7c5f5eab7ef9f8edbed50cb664b08ed761850f95f48e86cc71ef51
```

```
# Components of the world, source, and kernels
export WORLDPARTS="base catpages dict doc games info manpages proflibs lib32"
export SOURCEPARTS="base bin contrib crypto etc games gnu include krb5 \
    lib libexec release rescue/sbin secure share sys tools \
   ubin usbin cddl"
export KERNELPARTS="generic"
```

```
# EOL date
export EOL=1275289200
```

```
#####  
#####
```

- ❶ # #####  
#####.
- ❷ ##### # #####  
##### # build.conf, #####  
##### # #####  
#####. # ##### EOL #####  
##### # #####  
##### # #####(1), #####:

```
% date --j -f -'%Y%m%d-%H%M%S' -'20090401-000000' -'+%s'
```

## 5. #####

```
##### # scripts/make.sh. #####  
##### # #####  
#####. #####  
#####
```

```
# sh scripts/make.sh  
cc --O2 --fno-strict-aliasing --pipe findstamps.c --o findstamps  
findstamps.c: In function 'usage':  
findstamps.c:45: warning: incompatible implicit declaration of built-in function 'exit'  
cc --O2 --fno-strict-aliasing --pipe unstamp.c --o unstamp  
install findstamps ./bin  
install unstamp ./bin  
rm -f findstamps unstamp  
Generating RSA private key, 4096 bit long modulus  
.....++  
.....++  
e is 65537 (0x10001)  
  
Public key fingerprint:  
27ef53e48dc869eea6c3136091cc6ab8589f967559824779e855d58a2294de9e  
  
Encrypting signing key for root  
enter aes-256-cbc encryption password:  
Verifying -- enter aes-256-cbc encryption password:
```



####

```
##### # ##### (#####) # #####. ##  
# ##### # /etc/freebsd-update.conf ##### #  
#####.
```

```
##### # #####
```

##### # #####

```
# cd -/usr/local/freebsd-update-server
# sh scripts/init.sh amd64 7.2-RELEASE
```

# ##### # ## ##### # ## ## ##### *inicial.*

```
# sh scripts/init.sh amd64 7.2-RELEASE
```

```
Mon Aug 24 16:04:36 PDT 2009 Starting fetch for FreeBSD/amd64 7.2-RELEASE
/usr/local/freebsd-update-server/work/7.2-RELEASE100% of 588 MB 359 kBps 00m00s
Mon Aug 24 16:32:38 PDT 2009 Verifying disc1 hash for FreeBSD/amd64 7.2-RELEASE
Mon Aug 24 16:32:44 PDT 2009 Extracting components for FreeBSD/amd64 7.2-RELEASE
Mon Aug 24 16:34:05 PDT 2009 Constructing world+src image for FreeBSD/amd64 7.2-RELEASE
Mon Aug 24 16:35:57 PDT 2009 Extracting world+src for FreeBSD/amd64 7.2-RELEASE
Mon Aug 24 23:36:24 UTC 2009 Building world for FreeBSD/amd64 7.2-RELEASE
Tue Aug 25 00:31:29 UTC 2009 Distributing world for FreeBSD/amd64 7.2-RELEASE
Tue Aug 25 00:32:36 UTC 2009 Building and distributing kernels for FreeBSD/amd64 7.2-RELEASE
Tue Aug 25 00:44:44 UTC 2009 Constructing world components for FreeBSD/amd64 7.2-RELEASE
Tue Aug 25 00:44:56 UTC 2009 Distributing source for FreeBSD/amd64 7.2-RELEASE
Mon Aug 24 17:46:18 PDT 2009 Moving components into staging area for FreeBSD/amd64 7.2-RELEASE
Mon Aug 24 17:46:33 PDT 2009 Identifying extra documentation for FreeBSD/amd64 7.2-RELEASE
Mon Aug 24 17:47:13 PDT 2009 Extracting extra docs for FreeBSD/amd64 7.2-RELEASE
Mon Aug 24 17:47:18 PDT 2009 Indexing release for FreeBSD/amd64 7.2-RELEASE
Mon Aug 24 17:50:44 PDT 2009 Indexing world0 for FreeBSD/amd64 7.2-RELEASE
```

Files built but not released:

Files released but not built:

Files which differ by more than contents:

Files which differ between release and build:

kernel|generic|GENERIC/hptrr.ko

kernel|generic|GENERIC/kernel

src|sys|sys/conf/newvers.sh

world|base|boot/loader

world|base|boot/pxeboot

world|base|etc/mail/freebsd.cf

world|base|etc/mail/freebsd.submit.cf

world|base|etc/mail/sendmail.cf

world|base|etc/mail/submit.cf

world|base|lib/libcrypto.so.5

world|base|usr/bin/ntpq

world|base|usr/lib/libalias.a

world|base|usr/lib/libalias\_cuseeme.a

world|base|usr/lib/libalias\_dummy.a

world|base|usr/lib/libalias\_ftp.a

...

## #####, # ##### # ## ## ##### # ## ## #####, ## ## #####.

### ##### # ## ## ##### # ## ## ##### # ## scripts/build.subr.

#####  
#####



#####

##### # #####, # #####  
#####, #####(8) #####. ## #####  
#####, ##### ## #####, ##  
#####  
##### ## timestamps, ## #####  
#####, ## #####  
#####  
#####  
##### timestamp #####  
##### 400 #####.#

Mon Aug 24 17:54:07 PDT 2009 Extracting world+src for FreeBSD/amd64 7.2-RELEASE  
Wed Sep 29 00:54:34 UTC 2010 Building world for FreeBSD/amd64 7.2-RELEASE  
Wed Sep 29 01:49:42 UTC 2010 Distributing world for FreeBSD/amd64 7.2-RELEASE  
Wed Sep 29 01:50:50 UTC 2010 Building and distributing kernels for FreeBSD/amd64 7.2-RELEASE  
Wed Sep 29 02:02:56 UTC 2010 Constructing world components for FreeBSD/amd64 7.2-RELEASE  
Wed Sep 29 02:03:08 UTC 2010 Distributing source for FreeBSD/amd64 7.2-RELEASE  
Tue Sep 28 19:04:31 PDT 2010 Moving components into staging area for FreeBSD/amd64 7.2-RELEASE  
Mon Aug 24 19:04:46 PDT 2009 Extracting extra docs for FreeBSD/amd64 7.2-RELEASE  
Mon Aug 24 19:04:51 PDT 2009 Indexing world1 for FreeBSD/amd64 7.2-RELEASE  
Mon Aug 24 19:08:04 PDT 2009 Locating build stamps for FreeBSD/amd64 7.2-RELEASE  
Mon Aug 24 19:10:19 PDT 2009 Cleaning staging area for FreeBSD/amd64 7.2-RELEASE  
Mon Aug 24 19:10:19 PDT 2009 Preparing to copy files into staging area for FreeBSD/amd64 7.2-RELEASE  
Mon Aug 24 19:10:20 PDT 2009 Copying data files into staging area for FreeBSD/amd64 7.2-RELEASE  
Mon Aug 24 12:16:57 PDT 2009 Copying metadata files into staging area for FreeBSD/amd64 7.2-RELEASE  
Mon Aug 24 12:16:59 PDT 2009 Constructing metadata index and tag for FreeBSD/amd64 7.2-RELEASE

Files found which include build stamps:

kernel|generic/GENERIC/hptrr.ko  
kernel|generic/GENERIC/kernel  
world|base/boot/loader  
world|base/boot/pxeboot  
world|base/etc/mail/freebsd.cf  
world|base/etc/mail/freebsd.submit.cf  
world|base/etc/mail/sendmail.cf  
world|base/etc/mail/submit.cf  
world|base/lib/libcrypto.so.5  
world|base/usr/bin/ntpqq  
world|base/usr/include/osreldate.h

##### # #####

```
world|base/usr/lib/libalias.a
world|base/usr/lib/libalias_cuseeme.a
world|base/usr/lib/libalias_dummy.a
world|base/usr/lib/libalias_ftp.a
...
```

#####, # ##### #####.

```
Values of build stamps, excluding library archive headers:
v1.2 (Aug 25 2009 00:40:36)
v1.2 (Aug 25 2009 00:38:22)
@(#)FreeBSD 7.2-RELEASE #0: Tue Aug 25 00:38:29 UTC 2009
FreeBSD 7.2-RELEASE #0: Tue Aug 25 00:38:29 UTC 2009
  root@server.myhost.com:/usr/obj/usr/src/sys/GENERIC
7.2-RELEASE
Mon Aug 24 23:55:25 UTC 2009
Mon Aug 24 23:55:25 UTC 2009
##### built by root@server.myhost.com on Tue Aug 25 00:16:15 UTC 2009
##### built by root@server.myhost.com on Tue Aug 25 00:16:15 UTC 2009
##### built by root@server.myhost.com on Tue Aug 25 00:16:15 UTC 2009
##### built by root@server.myhost.com on Tue Aug 25 00:16:15 UTC 2009
Mon Aug 24 23:46:47 UTC 2009
ntpq 4.2.4p5-a Mon Aug 24 23:55:53 UTC 2009 (1)
* Copyright (c) 1992-2009 The FreeBSD Project.
Mon Aug 24 23:46:47 UTC 2009
Mon Aug 24 23:55:40 UTC 2009
Aug 25 2009
ntpd 4.2.4p5-a Mon Aug 24 23:55:52 UTC 2009 (1)
ntpdate 4.2.4p5-a Mon Aug 24 23:55:53 UTC 2009 (1)
ntpd 4.2.4p5-a Mon Aug 24 23:55:53 UTC 2009 (1)
Tue Aug 25 00:21:21 UTC 2009
Tue Aug 25 00:21:21 UTC 2009
Tue Aug 25 00:21:21 UTC 2009
Mon Aug 24 23:46:47 UTC 2009
```

```
FreeBSD/amd64 7.2-RELEASE initialization build complete. Please
review the list of build stamps printed above to confirm that
they look sensible, then run
# sh --e approve.sh amd64 7.2-RELEASE
to sign the release.
```

```
## ##### #####, ##### # #####. ##### #####
##### # # ##### ##### # # ##### # # #####
##### USAGE, ##### # # #####. ##### # scripts/approve.sh. ###
##### # #####, ##### # # ##### # # # # #
##### # ##### # # ##### # # #####.
```

```
# cd -/usr/local/freebsd-update-server
# sh scripts/mountkey.sh
```

```
# sh --e scripts/approve.sh amd64 7.2-RELEASE
```



```
##### ## ##### ##### ##
##### ## #####
```

```
Wed Aug 26 12:50:06 PDT 2009 Signing build for FreeBSD/amd64 7.2-RELEASE
Wed Aug 26 12:50:06 PDT 2009 Copying files to patch source directories for FreeBSD/amd64 7.2-RELEASE
Wed Aug 26 12:50:06 PDT 2009 Copying files to upload staging area for FreeBSD/amd64 7.2-RELEASE
Wed Aug 26 12:50:07 PDT 2009 Updating databases for FreeBSD/amd64 7.2-RELEASE
Wed Aug 26 12:50:07 PDT 2009 Cleaning staging area for FreeBSD/amd64 7.2-RELEASE
```

```
##### ## # ##### ## ##### ## ##### ## ##### ##, # ##### ##
##### ## ## #####.
```

```
# cd -/usr/local/freebsd-update-server
# sh scripts/upload.sh amd64 7.2-RELEASE
```



####

```
## ## ## ##### ## ##### ## ##### ## #####
##### ## # ##### ## #####, ## ## ##
##### ##### ## ##### ## #####
## ##### ## ##### ## ##### ## #####
uploaded.
```

```
# cd -/usr/local/freebsd-update-server/pub/7.2-RELEASE/amd64
# touch --t 200801010101.01 uploaded
```

```
## ##### ##### ## ## ## ## ##### ## ## ## ##
##### ## #####. # ##### ##### ## #####
## #####. ## # ##### ## ##, ## ##, ##### # ##
##### ## ##### ## #####.
```

```
##### # KeyPrint # # ServerName ## ##### /etc/freebsd-update.conf, # ##### ##
##### ## ##### ## ##### ## ##### ## ##### ##### ##
##### ## #####.
```



#####

```
#### # ##### ## ##### ## #####
#####, # ##### ## ##### ## #####
atal # # ##### alvo #### # #### ## #####.
#### # ##### ## ## # ##### ##### ##
## ##### ## ##### ## #####. ## #####, ##
##### # ##### ## ##### 7.1##### ## #
7.2#####, ## ##### ## ## #####
```

```
##### ## #####
```

```
## ##### ## ##### ## ##### ##### # ## ##### ##  
#####.
```

```
#### #####, ##### ## ##### ## ##### ##### ## ##### ## init.sh .
```

## 6. ##### ## #####

```
#### ## ## ## ##### ## ##### ## ## ##### ## #####, ##  
##### ## ## #####.
```

```
#### ## ## ##, # ##### 7.1##### ## ##.
```

```
##### ##### ## ##### ## # ##### ## ## ##### ## ##:
```

- ##### # ##### ##### ## ##### ## # ##### #####.
- ##### # ##### ##### ## 7.1#####

```
#### # ##### ## ##### ## # ##### ## ## /usr/local/freebsd-update-server/  
patches/.
```

```
% mkdir -p /usr/local/freebsd-update-server/patches/7.1-RELEASE/  
% cd /usr/local/freebsd-update-server/patches/7.1-RELEASE
```

```
#### #####, ##### # ##### ## # #####(8). #### # #####, ##### # #####  
##### ## ##### ## ##### ## #####. #### ##### ## ## ##  
##### ## #####, ##### ## ##### ## ##### ## #####.
```

```
## ##### ## #####, ##### ## # ##### ## SA-09:12.bind. ##### ## ##### #  
##### ## #####, # ##### ##### ## # ##### ## #####. #  
##### ##### ##### ## ## ##### ##### ## ##### ## ##  
## # ##### ## #####. #### ## #####, ##### ## #  
##### ## ## ## # ##### ## p7. ##### # #####:
```

```
% cd /usr/local/freebsd-update-server/patches/7.1-RELEASE/; mv bind.patch 7-SA-09:12.bind
```



```
####
```

```
## ##### ## ##### ## ##### ## #####, # ##### ##  
## ##### ##### ## ##### ## #####. ##### ##  
##### ## ##### # #####, ## ## ##### ## ##  
##### ##### ## ##### ## #####.
```

```
##### ## ##### ##### ##
##### ## #####
```

```
##### ## ##### ##### ##### ##
#####. ## # ##### ##, ## ##### ##### #####.
```



```
#####
```

```
# ## ##### ## ##### ## ##### ##
##### ## ##### ## ##### ##
##### # ##### ## ##.
```

```
##### ##, ## diff ##### ##### ## #####. # ##### ##### ##
##### ## # scripts/init.sh ## ##### ## ##### ##### ##
##### ## ##.
```

```
# cd -/usr/local/freebsd-update-server
# sh scripts/diff.sh amd64 7.1-RELEASE 7
```

```
# ## ##### ## ## ##### ## ## ## ##### diferencial.
```

```
# sh --e scripts/diff.sh amd64 7.1-RELEASE 7
Wed Aug 26 10:09:59 PDT 2009 Extracting world+src for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 17:10:25 UTC 2009 Building world for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 18:05:11 UTC 2009 Distributing world for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 18:06:16 UTC 2009 Building and distributing kernels for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 18:17:50 UTC 2009 Constructing world components for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 18:18:02 UTC 2009 Distributing source for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 11:19:23 PDT 2009 Moving components into staging area for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 11:19:37 PDT 2009 Extracting extra docs for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 11:19:42 PDT 2009 Indexing world0 for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 11:23:02 PDT 2009 Extracting world+src for FreeBSD/amd64 7.1-RELEASE-p7
Thu Sep 30 18:23:29 UTC 2010 Building world for FreeBSD/amd64 7.1-RELEASE-p7
Thu Sep 30 19:18:15 UTC 2010 Distributing world for FreeBSD/amd64 7.1-RELEASE-p7
Thu Sep 30 19:19:18 UTC 2010 Building and distributing kernels for FreeBSD/amd64 7.1-RELEASE-p7
Thu Sep 30 19:30:52 UTC 2010 Constructing world components for FreeBSD/amd64 7.1-RELEASE-p7
Thu Sep 30 19:31:03 UTC 2010 Distributing source for FreeBSD/amd64 7.1-RELEASE-p7
Thu Sep 30 12:32:25 PDT 2010 Moving components into staging area for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 12:32:39 PDT 2009 Extracting extra docs for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 12:32:43 PDT 2009 Indexing world1 for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 12:35:54 PDT 2009 Locating build stamps for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 12:36:58 PDT 2009 Reverting changes due to build stamps for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 12:37:14 PDT 2009 Cleaning staging area for FreeBSD/amd64 7.1-RELEASE-p7
```

```
Wed Aug 26 12:37:14 PDT 2009 Preparing to copy files into staging area for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 12:37:15 PDT 2009 Copying data files into staging area for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 12:43:23 PDT 2009 Copying metadata files into staging area for FreeBSD/amd64 7.1-RELEASE-p7
Wed Aug 26 12:43:25 PDT 2009 Constructing metadata index and tag for FreeBSD/amd64 7.1-RELEASE-p7
...
Files found which include build stamps:
kernel|generic|GENERIC/hptrr.ko
kernel|generic|GENERIC/kernel
world|base|boot/loader
world|base|boot/pxeboot
world|base|etc/mail/freebsd.cf
world|base|etc/mail/freebsd.submit.cf
world|base|etc/mail/sendmail.cf
world|base|etc/mail/submit.cf
world|base|lib/libcrypto.so.5
world|base|usr/bin/ntpq
world|base|usr/include/osreldate.h
world|base|usr/lib/libalias.a
world|base|usr/lib/libalias_cuseeme.a
world|base|usr/lib/libalias_dummy.a
world|base|usr/lib/libalias_ftp.a
...
Values of build stamps, excluding library archive headers:
v1.2 (Aug 26 2009 18:13:46)
v1.2 (Aug 26 2009 18:11:44)
@(#)FreeBSD 7.1-RELEASE-p7 #0: Wed Aug 26 18:11:50 UTC 2009
FreeBSD 7.1-RELEASE-p7 #0: Wed Aug 26 18:11:50 UTC 2009
  root@server.myhost.com:/usr/obj/usr/src/sys/GENERIC
7.1-RELEASE-p7
Wed Aug 26 17:29:15 UTC 2009
Wed Aug 26 17:29:15 UTC 2009
##### built by root@server.myhost.com on Wed Aug 26 17:49:58 UTC 2009
##### built by root@server.myhost.com on Wed Aug 26 17:49:58 UTC 2009
##### built by root@server.myhost.com on Wed Aug 26 17:49:58 UTC 2009
##### built by root@server.myhost.com on Wed Aug 26 17:49:58 UTC 2009
Wed Aug 26 17:20:39 UTC 2009
ntpq 4.2.4p5-a Wed Aug 26 17:29:42 UTC 2009 (1)
* Copyright (c) 1992-2009 The FreeBSD Project.
Wed Aug 26 17:20:39 UTC 2009
Wed Aug 26 17:29:30 UTC 2009
Aug 26 2009
ntpd 4.2.4p5-a Wed Aug 26 17:29:41 UTC 2009 (1)
ntpdate 4.2.4p5-a Wed Aug 26 17:29:42 UTC 2009 (1)
ntpd 4.2.4p5-a Wed Aug 26 17:29:42 UTC 2009 (1)
Wed Aug 26 17:55:02 UTC 2009
Wed Aug 26 17:55:02 UTC 2009
Wed Aug 26 17:55:02 UTC 2009
Wed Aug 26 17:20:39 UTC 2009
...
```

```
#####  
#####
```

```
#####, # #####
```

New updates:

```
kernel|generic|/GENERIC/kernel.symbols|f0|0|0555|0|  
7c8dc176763f96ced0a57fc04e7c1b8d793f27e006dd13e0b499e1474ac47e10|  
kernel|generic|/GENERIC/kernel|f0|0|0555|0|  
33197e8cf15bbbac263d17f39c153c9d489348c2c534f7ca1120a1183dec67b1|  
kernel|generic|/d|0|0|0755|0||  
src|base|/d|0|0|0755|0||  
src|bin|/d|0|0|0755|0||  
src|cddl|/d|0|0|0755|0||  
src|contrib|/contrib/bind9/bin/named/update.c|f0|10000|0644|0|  
4d434abf0983df9bc47435670d307fa882ef4b348ed8ca90928d250f42ea0757|  
src|contrib|/contrib/bind9/lib/dns/openssldsa_link.c|f0|10000|0644|0|  
c6805c39f3da2a06dd3f163f26c314a4692d4cd9a2d929c0acc88d736324f550|  
src|contrib|/contrib/bind9/lib/dns/opensslrsa_link.c|f0|10000|0644|0|  
fa0f7417ee9da42cc8d0fd96ad24e7a34125e05b5ae075bd6e3238f1c022a712|  
...
```

FreeBSD/amd64 7.1-RELEASE update build complete. Please review the list of build stamps printed above and the list of updated files to confirm that they look sensible, then run  
# sh --e approve.sh amd64 7.1-RELEASE  
to sign the build.

```
#### # #####
```

# sh --e scripts/approve.sh amd64 7.1-RELEASE

```
Wed Aug 26 12:50:06 PDT 2009 Signing build for FreeBSD/amd64 7.1-RELEASE  
Wed Aug 26 12:50:06 PDT 2009 Copying files to patch source directories for FreeBSD/amd64 7.1-RELEASE  
Wed Aug 26 12:50:06 PDT 2009 Copying files to upload staging area for FreeBSD/amd64 7.1-RELEASE  
Wed Aug 26 12:50:07 PDT 2009 Updating databases for FreeBSD/amd64 7.1-RELEASE  
Wed Aug 26 12:50:07 PDT 2009 Cleaning staging area for FreeBSD/amd64 7.1-RELEASE
```

The FreeBSD/amd64 7.1-RELEASE update build has been signed and is ready to be uploaded. Remember to run  
# sh --e umountkey.sh  
to unmount the decrypted key once you have finished signing all the new builds.

```
#####  
#####
```

```
# cd -/usr/local/freebsd-update-server  
# sh scripts/upload.sh amd64 7.1-RELEASE
```

```
#### #####, ##### # ### ## ### #####
```

```
# Compare ${WORKDIR}/release and ${WORKDIR}/$1, identify which parts
# of the world|doc subcomponent are missing from the latter, and
# build a tarball out of them.
findextradocs () {
}

# Add extra docs to ${WORKDIR}/$1
addextradocs () {
}
```

```
#Build the world
log -"Building world"
cd -/usr/src &&
make --j 2 ${COMPATFLAGS} buildworld 2>&1

# Distribute the world
log -"Distributing world"
cd -/usr/src/release &&
make --j 2 obj &&
    make ${COMPATFLAGS} release.1 release.2 2>&1
```

```
_http_tcp.update.myserver.com.      IN SRV  0 2 80  host1.myserver.com.
      SRV  0 1 80  host2.myserver.com.
      SRV  0 0 80  host3.myserver.com.
```