

#####

1. ##### 2
2. ##### 2

3. #####	2
4. #####: ##### & ####	3
5. ##### ##### ####	5
6. ##### # ####	9
7. ####	13

1.

2. #####

3.

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



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#####, ##### ##### ##### ## # ##### ##-

#####.

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

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

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

- ❶ ##### ## ##### ##### ##### ##### ##### ##### ##### ##### ##### (## #### fetchiso()
scripts/build.subr). #### ##### ##### ##### ## #### ##### ##### ## ####
#####. #### ## ##### ##### ##### ## ##### ##### ##### ####(1) ##### ##### ##### ####
####.

#####: ##### & #####

fetchiso() ##### build.subr ##### scripts/RELEASE/ARCHITECTURE/build.subr ##### #######. ##### #######: ②

1. ##### # ##### ##### ##### ##### #### 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=12752892002
```

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

```
##### #### #### ##### #### ## #### #### ####, ##### #### #### #(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:
27ef53e48dc869ee6c3136091cc6ab8589f967559824779e855d58a2294de9e

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
```

```
##### ##### ## # ##### ## ## initial #### ##.
```

```
# 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 0m00s
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/newver

world|base|boot/loader

world|base|boot/pxeboot

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

world|base|etc/mail/freebsd.su

world|base|/etc/mail/sendmail.cf

world|base|etc|mail|submit.c

world|base|lib/libcrypto.so.5

world|base|usr|bin|ntpq

world|base|usr|lib|libalias.a

world|base|usr|lib|libalias.c

world|base|usr|lib|libalias_d

world|base|usr|lib|libalias_ftp.a

Digitized by srujanika@gmail.com

http://www.iomega.com/zip/zip.htm

三三



####

#####

```
## #####. ##### ####### ##### ##### ##### #####  
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|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 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
ntp 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
ntp 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
```

#####



####

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

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



#####

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

differential ##### ##.

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

#####, ### ##### ## [diff.sh](#) ## #####.

7. #####


```
# 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 () {
}
```

####

- ##### -j NUMBER ##### ## buildworld ### obj ##### ## #### scripts/build.subr ##### ## ##### ##### ## ##### ##### ##### ## ##### ##### ##### ## ##### ##### ##### ## ##### ##### ##### , ##### ## ## ##### ##### - #####. ##### ##### ##### ## ##### ##### ##### ## ##### ##### ##### ## ##### ##### ##### , ## ##### ##### ##### ## ##### ##### ##### ## ##### ##### ##### ## ##### ##### ##### .

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

# Distribute the world
log -"Distributing world"
cd ./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.
```