

## INSTALLATION GUIDE FOR DEBIAN

### RECOMMENDED CONFIGURATION

- 1) MySQL 3.xx (database server)
- 2) Postfix (mail transfer agent)
- 3) Qpopper (POP3 daemon)
- 4) Vsftpd (FTP server)

### INSTALLATION

#### STEP 1.

#### INSTALLING 3RD PARTY PRODUCTS FROM THE DEBIAN DISTRIBUTION

Below is the list of Debian packages to be installed if you choose recommended configuration.

---

package

---

apache  
apache-common  
apache-dev  
mysql-client  
mysql-server  
mysql-common  
php4  
php4-imap  
php4-mysql  
perl  
perl-base  
perl-modules  
perl-suid  
libdbi-perl  
libdbd-mysql-perl  
libapache-mod-python  
vsftpd  
postfix  
qpopper  
bind9  
webalizer  
procmail  
gcc  
libc6-dev  
make  
libmysqlclient10-dev  
quota  
libquota-perl  
libssl  
openssl  
libssl-dev  
libexpat1  
libexpat1-dev

```
libxml-perl
libapache-request-perl
zlib1g
zlib1g-dev
```

-----

To install the packages listed you may use the following commands

```
#~: apt-get install <package-name1> <package-name2> ...
```

NOTE #1: Answer "yes" to all the questions of php4 modules.

NOTE #2: Make sure that the FTP server works properly: try to login after installation on choosed FTP server (vsftp).

Some of the packages may be reported as already installed. It is not an error - it only means that you do not need to install the package.

If some of the packages is not found you need to recache the packages list. You need to insert a debian distribution CD to your CD-ROM (you do not need to mount it) and execute the following command:

```
# apt-cdrom add
```

Repeat the actions for each debian distribution cd, then try to install the package again.

STEP 2.

#### CONFIGURE THE APACHE WEB SERVER

Activate PHP4 support:

-----

PHP4 module on debian is not connected to Apache web server after its installation complete. You need to

- 1) open the file /etc/apache/httpd.conf
- 2) uncomment the line

```
# LoadModule php4_module /usr/lib/apache/1.3/libphp4.so
```

so that it becomes

```
LoadModule php4_module /usr/lib/apache/1.3/libphp4.so
```

- 3) find the lines like

```
<IfModule mod_dir.c>
  DirectoryIndex index.html index.htm index.shtml index.cgi
</IfModule>
```

and add index.php to the list, so that lines become

```
<IfModule mod_dir.c>
  DirectoryIndex index.html index.htm index.shtml index.cgi index.php
</IfModule>
```

- 4) save the changes

Activate SSI support:

-----

- 1) open the file /etc/apache/httpd.conf
- 2) uncomment the line

```
#LoadModule includes_module /usr/lib/apache/1.3/mod_include.so
```

so that it becomes

```
LoadModule includes_module /usr/lib/apache/1.3/mod_include.so
```

- 3) Uncomment lines

```
# AddType text/html .shtml  
# AddHandler server-parsed .shtml
```

so that they become

```
AddType text/html .shtml  
AddHandler server-parsed .shtml
```

- 4) save the changes

- 5) Restart the apache daemon after all the changes are done !!!

E.g. use the comands below to restart apache daemon

```
#~: /etc/init.d/apache stop
```

```
#~: /etc/init.d/apache start
```

or

```
#~: /etc/init.d/apache restart
```

### STEP 3.

#### CONFIGURE MYSQL

Login to mysql console and execute the following commands:

```
#~: mysql -p (as user root )
```

```
Enter password: <enter without password>
```

```
mysql> use mysql;
```

```
mysql> delete from user where User = '' ;
```

```
mysql> delete from db where User = '';
```

```
mysql> update user set Password = Password('some_passwd') where User =  
'root';
```

```
mysql> flush privileges;
```

```
mysql> exit;
```

It will create a password for the mysql 'root' user.

### STEP 4.

#### INSTALL AND CONFIGURE SPAMASSASSIN

The SpamAssassin software gives an ability to filter SPAM in your customers Mailboxes when receiving mail there.

Skip the step if you do not need SpamAssassin support in Confixx.

The latest software version can be found on

<http://spamassassin.org>

The latest (at the moment of publishing) zipped version can  
downloaded via

the following URL:

<http://au2.spamassassin.org/released/Mail-SpamAssassin-2.61.tar.gz>

Unpack the ditribution

```
#~: tar -xzf Mail-SpamAssassin-2.60.tar.gz
```

```
#~: cd Mail-SpamAssassin-2.60
```

Build it

```
#~: perl Makefile.PL
```

```
#~: make
```

```
#~: make install
```

You need to extract the files

`/etc/init.d/spamassassin`

`/etc/procmailrc`

`/etc/default/spamassassin`

from the files.tgz archive and place them at the locations specified  
(packed from / - directory).

Then edit `/etc/postfix/main.cf` file to set the following option:

```
mailbox_command = /usr/bin/procmail
```

then launch

```
#~: update-rc.d spamassassin defaults
```

Make sure that file `/etc/mail/spamassassin/local.cf` exists  
and create it if no:

```
#~: touch /etc/mail/spamassassin/local.cf
```

Now SpamAssassin is configured.

STEP 5.

#### INSTALL AND CONFIGURE MAJORDOMO

Majordomo is a program which automates the management of  
Internet mailing lists. Having this program installed you can  
offer your customers an ability to create and manage mailing  
lists via Confixx web interface.

Skip the step if you do not need Majordomo support in Confixx.

The latest version of the product can be found on

<http://www.greatcircle.com/majordomo/>

The latest (at the moment of publishing) gzipped version can  
downloaded via the following URL:

<http://www.greatcircle.com/majordomo/1.94.5/majordomo-1.94.5.tar.gz>

Unpack the software

```
#~: tar xzf majordomo-1.94.5.tar.gz
```

```
#~: cd majordomo-1.94.5
```

Create majordomo user and group:

```
#~: groupadd majordomo
```





- 1) open Apache configuration file (typically /etc/apache/conf/httpd.conf or /etc/httpd/conf/httpd.conf)
- 2) find there a line starting with

```
Alias /icons/
```

Usually it looks like

```
Alias /icons/ /usr/share/apache/icons/
```

So the 2nd argument in line (/usr/share/apache/icons/) is the images directory and the 1st one (/icons/) is the server's URL for it.

```
$ Where is the image directory for your Web server?
```

```
$ [/usr/share/apache/icons]: /usr/share/apache/icons
```

```
$ Will place the icons in /usr/share/apache/icons
```

```
$ What is your server's URL for '/usr/share/apache/icons'?
```

```
$ [/icons]: /icons
```

```
$ Where is the root directory for documents on your Web server?
```

```
$ [/var/www/]:
```

It is highly recommended to answer "No" to the following questions unless you plan to supply your customers with list create/rename/delete abilities outside of Confixx Control Panel. It is possible to turn the features below off after the installation is complete.

```
$ Provide list CREATE access [Y]? N
```

```
$ Provide list RENAME access [Y]? N
```

```
$ Provide list DELETE access [Y]? N
```

## STEP 7.

### INSTALL IDNKIT

IDN (International Domain Names) - the technology allows create and use domains having national characters in their names. Server side of IDN support is performed by IDNKit software.

Skip the step if you do not need IDN support in Confixx.

The latest software version can be found on

```
http://www.nic.ad.jp/en/idn/
```

The latest (at the moment of publishing) zipped version can be downloaded via the following URL:

```
http://www.nic.ad.jp/ja/idn/idnkit/download/sources/idnkit-1.0-src.tar.gz
```

```
#~: tar xzf idnkit-1.0-src.tar.gz
```

```
#~: cd idnkit-1.0-src
```

```
#~: ./configure
```

```
#~: make
```

```
#~: make install
```

## STEP 8.

### INSTALLING COLDFUSION

Having this product installed you can offer your customers an ability of using CFML (ColdFusion Markup Language) on their web sites.

Unlike most of the other described packages, Coldfusion server is not shareware or open sourced. Trial version could be downloaded from <http://macromedia.com> (about 100Mb).

Launch the downloaded binary and follow the instructions.

#### STEP 9.

##### CONFIGURING QUOTA

Launch the following commands

```
:~# update-rc.d -f quotarpc remove
:~# update-rc.d -f quota remove
:~# update-rc.d quota defaults 18
```

Edit the /etc/fstab file, add the option 'usrquota' like in the line below

```
/dev/sda2 / ext3 errors=remount-ro,usrquota 0 1
```

Then reboot

```
:~# reboot
```

#### STEP 10.

Installing XML::DOM package

Skip this step if you do not plan to try server backup/restoration routines.

Download XML::DOM package from [cpan.org](http://search.cpan.org):

<http://search.cpan.org/CPAN/authors/id/T/TJ/TJMATHER/XML-DOM-1.43.tar.gz>

```
:~# tar -xzf XML-DOM-1.43.tar.gz
:~# cd XML-DOM-1.43
:~# perl ./Makefile.PL
:~# make
:~# make install
```

You may require some other perl packages depending on your OS installation.

#### STEP 11.

##### CONFIGURE AND INSTALL CONFIXX

Unpack the distribution

```
#~: tar xzf confixx_install_Pro_3.0.0_mysql.tgz
#~: cd confixx-install
```

Launch the configure script and answer its questions accordingly to configuration of your system

```
#~: ./configure.pl
```

The sample configure session log (with answers) could be found in `en_install.pdf` (or `de_install.pdf`) file.

Now you can launch the installation script:

```
#~: ./install.pl
```

The installation script may ask you for some paths - you are to give him a correct answer.

#### STEP 12



## FINISHING THE INSTALLATION

Register the script in crontab.

```
#~: echo "*/1 * * * * /root/confixx/confixx_counterscript.pl" >> tmp.cron
#~: crontab -u root tmp.cron
```

Restart the apache

```
#~: /etc/init.d/apache stop
#~: /etc/init.d/apache start
      or
#~: /etc/init.d/apache restart
```

### STEP 11.

#### ACCESSING CONFIXX WEB INTERFACE

Enter the confixx web interface by accessing the url like:  
<http://<confixx-vhost>/admin>

### STEP 13

#### REGISTERING YOUR CONFIXX INSTALLATION

Enter the registraion interface by accessing the url like:

<http://<confixx-vhost>/reg>

or by entering the "Licensing information" menu item in admin interface.

Enter the "Unlock license" menu item there and click "Next".

You need to specify your serial number and activation key there and click next. The registration routines will be done automatically.