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## Installing and Setting up Spamassassin

Not done yet.

## User Config

### User Setup #1

Spamassassin is called by procmail. A .procmailrc in a users home directory forwards/filters emails via spamassassin. The default lines for spamassassin to be included into .procmailrc are:

```
#SPAM
:0fw
| spamc
#forward all emails and pipe them via spam catcher
#make sure spamc is executable on the mail server.
#put in the entire path to spamc if required, e.g. /usr/local/bin/spamc

:0:
* ^X-Spam-Status: Yes
.Spam/
#If spamassassin detects a spam email - it includes a Spam header entry. If this Spam header=yes - t
```

### User Setup #2

The above Step #1 is all that should be needed. Send an email to yourself next. Check the headers, you should see something similar to:

```
X-Spam-Checker-Version: SpamAssassin 3.0.3 (2005-04-27) on mail.server.com
X-Spam-Level:
X-Spam-Status: No, score=-2.5 required=5.0 tests=ALL_TRUSTED,HTML_30_40,
HTML_MESSAGE,MIME_HTML_MAIN autolearn=ham version=3.0.3
```

Note: autolearn is working.

What should also happen:

## Spamassassin\_setup\_and\_config

A .spamassassin folder should be created in your home directory, with ~3-4 default files in it. A spamassassin default file may or may not be created. To copy one from the examples:

```
cp /usr/share/spamassassin/user_prefs.template /home/$USER/.spamassassin/user_prefs
```

A user can edit this user\_prefs file adding a white and black list etc. etc.

### Sample user\_prefs Spamassassin User Config

The global spamassassin file is located in /etc/spamassassin/local.cf. However a normal user cannot change this. Instead, the users spamassassin config in /home/\$USER/.spamassassin/user\_prefs can be edited, and different scores can be used, alongside further tests etc. to be carried out. The following are increased scores for tests I consider to be spam catching:

```
score RCVD_IN_BL_SPAMCOP_NET      2.5
score RCVD_IN_SBL                  2.0
score URIBL_SBL                    1.5
score URIBL_OB_SURBL              2.5
```

My thinking is that - if the email is in a Spam BlackList - then its spam, and thus I wanted to give them higher scores than the default. I would consider Bouncing these emails, however I will leave it collect in the Spam folder for the time being. Links:

<http://www.yrex.com/spam/spamconfig.php>

<http://wiki.apache.org/spamassassin/SingleUserUnixInstall>

<http://spamassassin.apache.org/tests.html>

### User Setup #3

Getting and teaching learn and sa\_learn to get better at detecting spam emails. See:

<http://spamassassin.apache.org/full/3.1.x/doc/sa-learn.html>

More Info on User Config at: <http://www.stearns.org/doc/spamassassin-setup.current.html>

<http://people.debian.org/~andreloup/txt/spamassassin-debian.txt> = basic procmail integration

## Updating Spamassassin Rules

Note: this was tested and run on ubuntu/ hardy (prob work the same on debian lenny). I needed to update spamassassin rules recently after the following was been matched: FH\_DATE\_PAST\_20XX now that its 2010. These updates are not installed via apt-get but via spamassassin's own sa-update. Here is how:

```
sa-update -D
#-D is for showing debug/log info
/etc/init.d/spamassassin restart
```

#I sent another email to me, checked the header, and FH\_DATE\_PAST\_20XX no longer showed up.