

Menginstall Mail Server pada SO Debian 6.0 serta Membuka Konfigurasi Mail Server di PC Client (Win 2003)

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Lisensi Dokumen:

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MAIL Server

Adalah Perangkat lunak program yang mendistribusikan file atau informasi sebagai respons atas permintaan yang dikirim via email, juga digunakan pada bitnet untuk menyediakan layanan serupa.

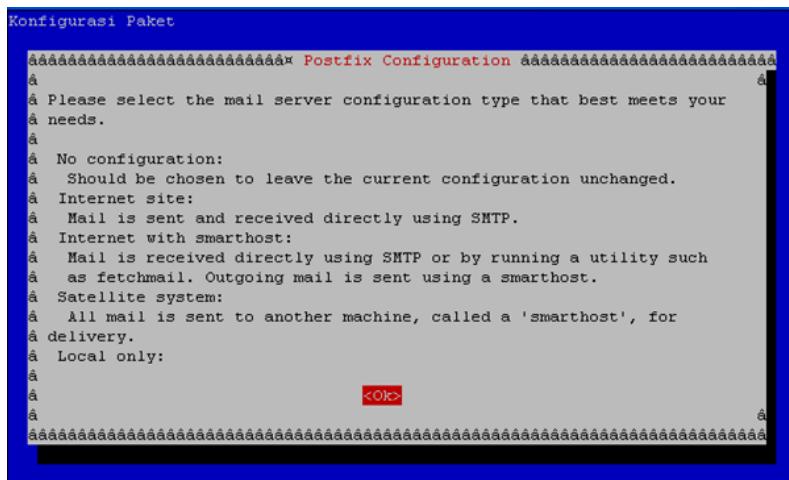
Tutorial ini membahas tentang penginstallan dan konfigurasi FTP Server pada SO Debian 6.0 berbasis CLI dengan langkah tertera pada berikut :

MEMBUAT MAIL SERVER

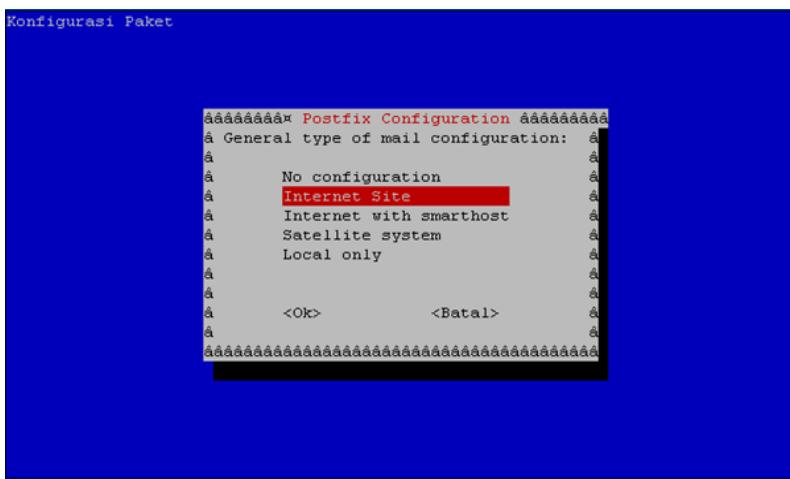
1. Install paket yang di butuhkan (postfix, courier-imap, squirrelmail)

```
root@debian:/home/tkj# apt-get install postfix courier-imap squirrelmail
Reading package lists... Done
Building dependency tree
Reading state information... Done
courier-imap is already the newest version.
postfix is already the newest version.
The following extra packages will be installed:
 dictionaries-common iamerican ispell squirrelmail-locales
 squirrelmail-viewashtml
Suggested packages:
 emacsclient jed-extra spell squirrelmail-decode php5-recode imapproxy
 php-pear php5-ldap
The following NEW packages will be installed:
 dictionaries-common iamerican ispell squirrelmail squirrelmail-locales
 squirrelmail-viewashtml
0 upgraded, 6 newly installed, 0 to remove and 0 not upgraded.
Need to get 0 B/4.770 kB of archives.
After this operation, 18,6 MB of additional disk space will be used.
Do you want to continue [Y/n]? y
Prakonfigurasi paket ...
Memilih paket dictionaries-common yang sebelumnya tidak dipilih.
(Sedang membaca basis data ... 25692 berkas atau direktori telah terpasang.)
```

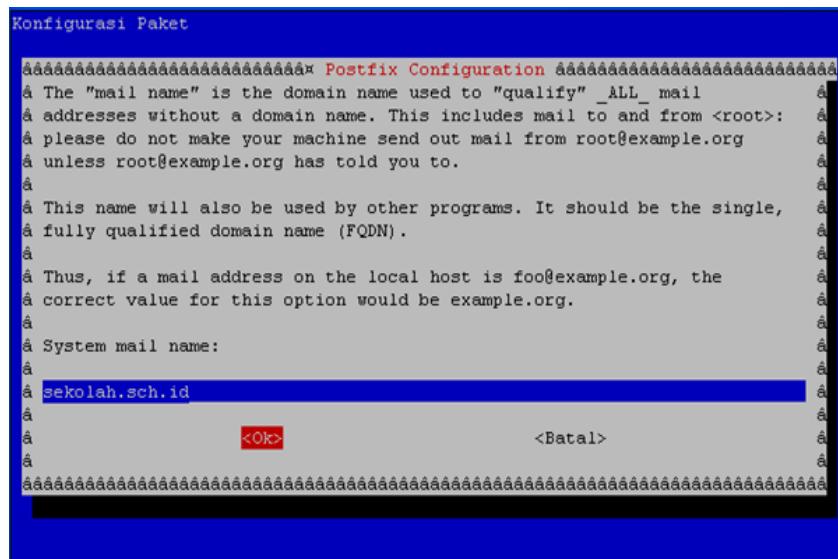
Maka akan muncul tampilan seperti di bawah ini. Pilih *ok*



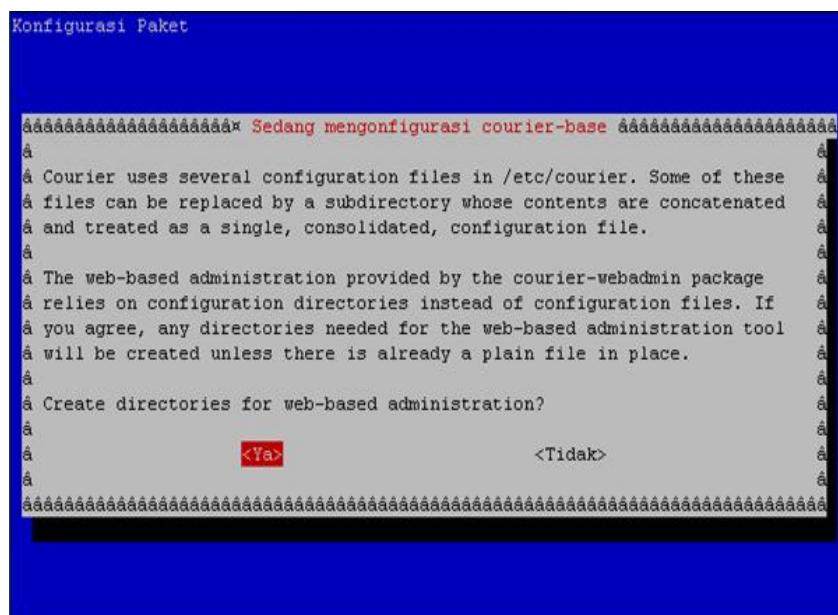
Lalu pilih *Internet site* lalu *ok*



Kemudian masukkan System mail namanya



Salanjutnya akan muncul tampilan seperti di bawah ini, lalu pilih “ya



2. Selanjutnya edit konfigurasi pada /etc/postfix/main.cf

```
root@debian:/home/tkj# pico /etc/samba/smb.conf
```

Kemudian edit seperti yang ditunjukkan pada kotak di bawah ini

```
GNU nano 2.2.4          File: /etc/postfix/main.cf          Modified

alias_maps = hash:/etc/aliases
alias_database = hash:/etc/aliases
myorigin = /etc/mailname
mydestination = sekolah.sch.id, debian, localhost.localdomain, localhost
relayhost =
mynetworks = 127.0.0.0/8 [::ffff:127.0.0.0]/104 [::1]/128 192.168.1.0/28
mailbox_command = procmail -a "$EXTENSION"
mailbox_size_limit = 0
recipient_delimiter = +
inet_interfaces = all
home_mailbox = Maildir/
```

^G Bantuan **^C** Tulis **^R** Baca File **^Y** Hlm sebelu**K** Ptng Teks **^C** Pos Kursor
X Keluar **J** Justifikasi**M** Di mana **V** Hlm beriku**U** UnCut Text**T** Mengeja

3. Kemudian setting squirrelmail

/etc/squirrelmail/conf.pl

Lalu ikuti seperti langkah-langkah di bawah ini :

```
SquirrelMail Configuration : Read: config.php (1.4.0)
-----
Main Menu --
1. Organization Preferences
2. Server Settings
3. Folder Defaults
4. General Options
5. Themes
6. Address Books
7. Message of the Day (MOTD)
8. Plugins
9. Database
10. Languages

D. Set pre-defined settings for specific IMAP servers

C Turn color on
S Save data
Q Quit

Command >> 2
```

```
SquirrelMail Configuration : Read: config.php (1.4.0)
-----
Server Settings

General
-----
1. Domain           : trim(implode('', file('/etc/'.(file_exists('/etc/mailname')?'mail':'host').'name')))
2. Invert Time     : false
3. Sendmail or SMTP : SMTP

A. Update IMAP Settings : localhost:143 (other)
B. Update SMTP Settings : localhost:25

R  Return to Main Menu
C  Turn color on
S  Save data
Q  Quit

Command >> i
```

```
General
-----
1. Domain           : trim(implode('', file('/etc/'.(file_exists('/etc/mailname')?'mail':'host').'name')))
2. Invert Time     : false
3. Sendmail or SMTP : SMTP

A. Update IMAP Settings : localhost:143 (other)
B. Update SMTP Settings : localhost:25

R  Return to Main Menu
C  Turn color on
S  Save data
Q  Quit

Command >> 1

The domain name is the suffix at the end of all email addresses. If
for example, your email address is jdoe@example.com, then your domain
would be example.com.

[trim(implode('', file('/etc/'.(file_exists('/etc/mailname')?'mail':'host').'name'))): sekolah.sch.id]
```

```
SquirrelMail Configuration : Read: config.php (1.4.0)
-----
Server Settings

General
-----
1. Domain           : sekolah.sch.id
2. Invert Time     : false
3. Sendmail or SMTP : SMTP

A. Update IMAP Settings : localhost:143 (other)
B. Update SMTP Settings : localhost:25

R  Return to Main Menu
C  Turn color on
S  Save data
Q  Quit

Command >> r
```

```
SquirrelMail Configuration : Read: config.php (1.4.0)
-----
Main Menu --
1. Organization Preferences
2. Server Settings
3. Folder Defaults
4. General Options
5. Themes
6. Address Books
7. Message of the Day (MOTD)
8. Plugins
9. Database
10. Languages

D. Set pre-defined settings for specific IMAP servers

C   Turn color on
S   Save data
Q   Quit

Command >> d
```

```
-----
While we have been building SquirrelMail, we have discovered some
preferences that work better with some servers than others. If you select your IMAP server, this option will
set some pre-defined settings for that server.
```

```
Please note that you will still need to go through and make sure
everything is correct. This does not change everything. There are
only a few settings that this will change.
```

```
Please select your IMAP server:
```

```
bincimap    = Binc IMAP server
courier      = Courier IMAP server
cyrus        = Cyrus IMAP server
dovecot      = Dovecot Secure IMAP server
exchange     = Microsoft Exchange IMAP server
hmailserver  = hMailServer
macosx       = Mac OS X Mailserver
mercury32    = Mercury/32
uw           = University of Washington's IMAP server
gmail        = IMAP access to Google mail (Gmail) accounts

quit         = Do not change anything
```

```
Command >> courier
```

```
SquirrelMail Configuration : Read: config.php (1.4.0)
-----
Main Menu --
1. Organization Preferences
2. Server Settings
3. Folder Defaults
4. General Options
5. Themes
6. Address Books
7. Message of the Day (MOTD)
8. Plugins
9. Database
10. Languages

D. Set pre-defined settings for specific IMAP servers

C Turn color on
S Save data
Q Quit

Command >> s
```

```
SquirrelMail Configuration : Read: config.php (1.4.0)
-----
Main Menu --
1. Organization Preferences
2. Server Settings
3. Folder Defaults
4. General Options
5. Themes
6. Address Books
7. Message of the Day (MOTD)
8. Plugins
9. Database
10. Languages

D. Set pre-defined settings for specific IMAP servers

C Turn color on
S Save data
Q Quit

Command >> q
```

4. Buat folder Maildir

```
root@debian:/home/tkj# maildirmake /etc/skel/Maildir
```

```
root@debian:/home/tkj# ln -s /etc/squirrelmail/apache.conf /etc/apache2/conf.d/squirrelmail.conf
```

5. Edit konfigurasi squirrelmail

```
root@debian:/home/tkj# pico /etc/apache2/conf.d/squirrelmail.conf
```

Ganti webmail dengan mail.sekolah.sch.id

```
GNU nano 2.2.4      File: /etc/apache2/conf.d/squirrelmail.conf      Modified

Alias mail.sekolah.sch.id /usr/share/squirrelmail

<Directory /usr/share/squirrelmail>
    Options FollowSymLinks
    <IfModule mod_php5.c>
        php_flag register_globals off
    </IfModule>
    <IfModule mod_dir.c>
        DirectoryIndex index.php
    </IfModule>

    # access to configtest is limited by default to prevent information leak
    <Files configtest.php>
        order deny,allow
        deny from all
        allow from 127.0.0.1
    </Files>
</Directory>

^G Bantuan ^O Tulis ^R Baca File ^Y Hlm sebelu^K Ptng Teks ^C Pos Kursor
^X Keluar ^J Justifikasi^U Di mana ^V Hlm beriku^U UnCut Text^T Mengeja
```

6. Copy Virtualhost mail.sekolah.sch.id

```
root@debian:/home/tkj# cp /etc/apache2/sites-enabled/000-default /etc/apache2/sites-enabled/mail
```

7. Edit Virtualhost mail.sekolah.sch.id

```
root@debian:/home/tkj# pico /etc/apache2/sites-enabled/mail
```

Lalu edit seperti yang di tampilkan di bawah ini

```
GNU nano 2.2.4      File: /etc/apache2/sites-enabled/mail      Modified

<VirtualHost *:80>
    ServerName mail.sekolah.sch.id
    ServerAdmin admin@sekolah.sch.id
    DocumentRoot /usr/share/squirrelmail
</VirtualHost>

^G Bantuan ^O Tulis ^R Baca File ^Y Hlm sebelu^K Ptng Teks ^C Pos Kursor
^X Keluar ^J Justifikasi^U Di mana ^V Hlm beriku^U UnCut Text^T Mengeja
```

8. Tambahkan servername pada konfigurasi squirrelmail

```
root@debian:/home/tkj# pico /etc/squirrelmail/conf.d
```

Lalu tulis nameservernya



```
GNU nano 2.2.4          File: /etc/squirrelmail/conf.d          Modified

servername mail.sekolah.sch.id

^G Bantuan  ^Q Tulis  ^R Baca File  ^Y Hlm sebelu^K Ptng Teks  ^C Pos Kursor
^X Keluar   ^J Justifikasi^U Di mana  ^V Hlm beriku^U UnCut Text^T Mengeja
```

9. Restart POSTFIX

```
root@debian:/home/tkj# /etc/init.d/postfix restart
Stopping Postfix Mail Transport Agent: postfix.
Starting Postfix Mail Transport Agent: postfix.
```

10. Restart Courier-Imap

```
root@debian:/home/tkj# /etc/init.d/courier-imap restart
Stopping Courier IMAP server: imapd.
Starting Courier IMAP server: imapd.
```

11. Restart Apache2

```
root@debian:/home/tkj# /etc/init.d/apache2 restart
Restarting web server: apache2[apache2: Could not reliably determine the server's
fully qualified domain name, using 127.0.1.1 for ServerName
... waiting apache2: Could not reliably determine the server's fully qualified
domain name, using 127.0.1.1 for ServerName
.
root@debian:/home/tkj# ]
```

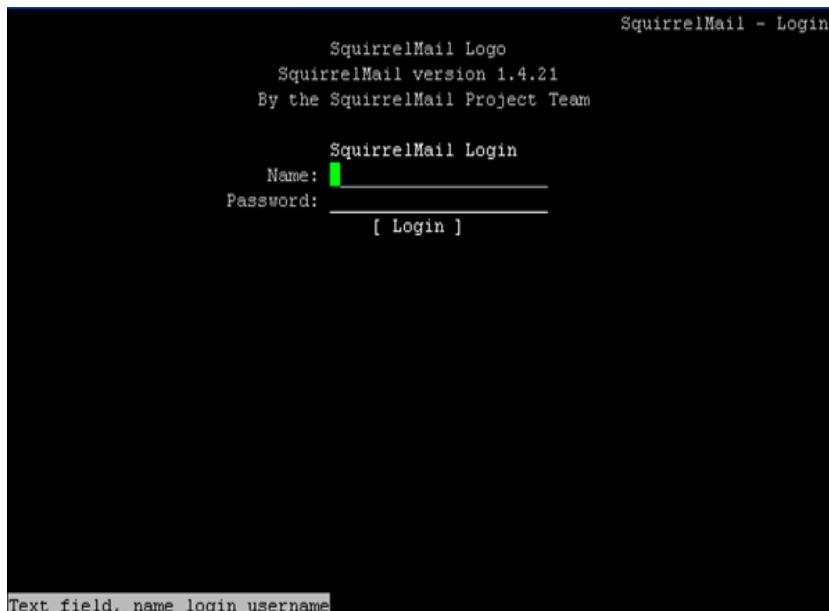
12. Buat user baru untuk membuka mail

```
root@debian:/home/tkj# adduser ani
Adding user `ani' ...
Adding new group `ani' (1002) ...
Adding new user `ani' (1002) with group `ani' ...
Creating home directory `/home/ani' ...
Copying files from `/etc/skel' ...
Enter new UNIX password:
Retype new UNIX password:
passwd: kata sandi diperbaharui dengan sukses
Mengubah informasi pengguna dari ani
Masukkan nilai baru atau tekan ENTER untuk nilai bawaan
Nama Lengkap []:
```

13. Cek Mail Server dengan

Links mail.sekolah.sch.id

Jika berhasil, Maka akan muncul tampilan sebagai berikut :

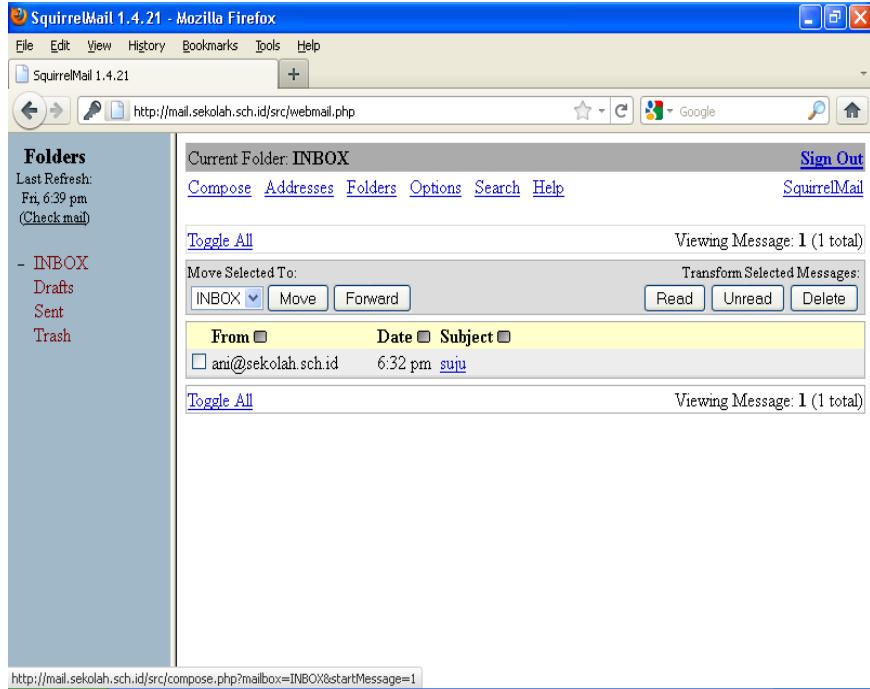


14. Cek pada client memalui aplikasi browser dengan alamat *mail.sekolah.sch.id*

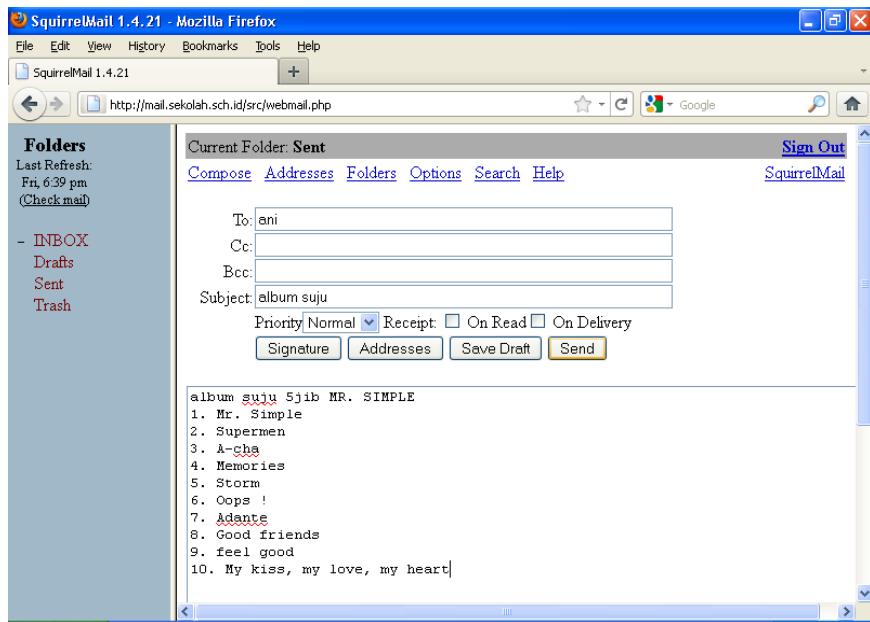
Lalu masukkan *name* dan *password*



Jika sudah masuk akan muncul tampilan



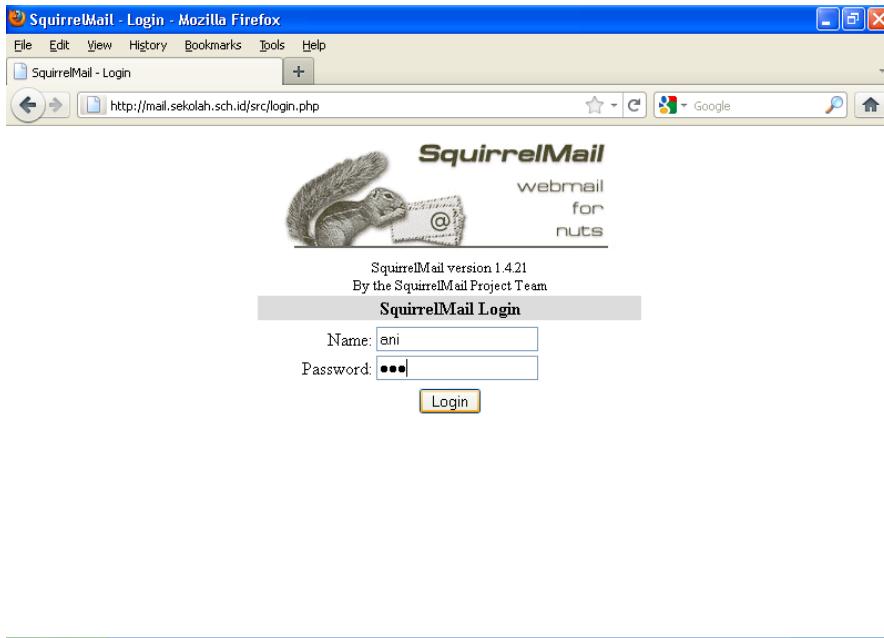
Untuk membuat sebuah mail klik *compose*. Kemudian akan muncul tampilan seperti di bawah ini



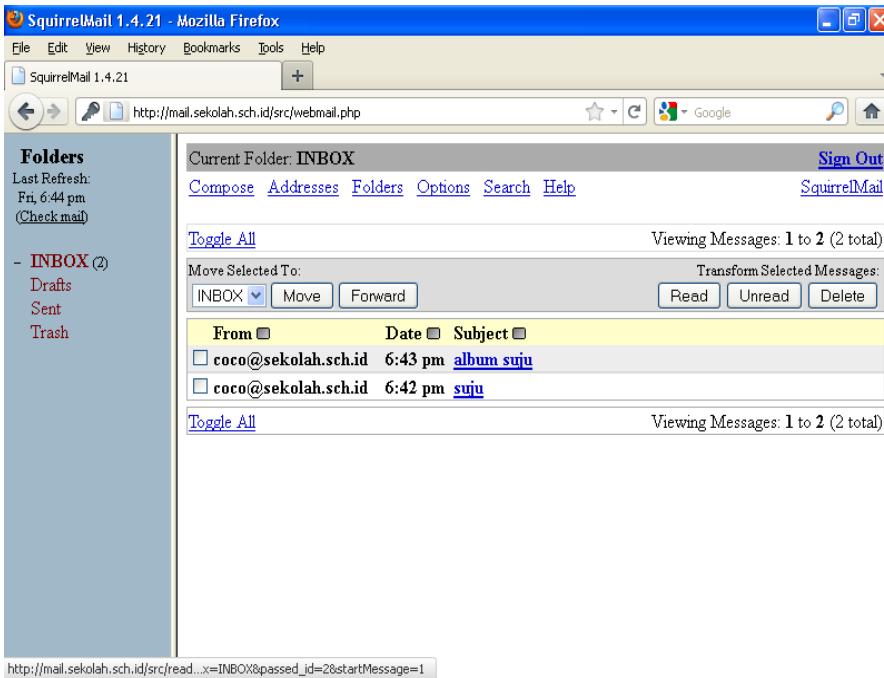
Kemudian buat sebuah mail, jika sudah klik *send* untuk mengirim. Jangan lupa isi pada untuk tujuan mail yang akan kita kirim.

Setelah selesai mengirim mail. Sekarang gantian kita cek di user ke-2 apakah mail tadi sudah terkirim.

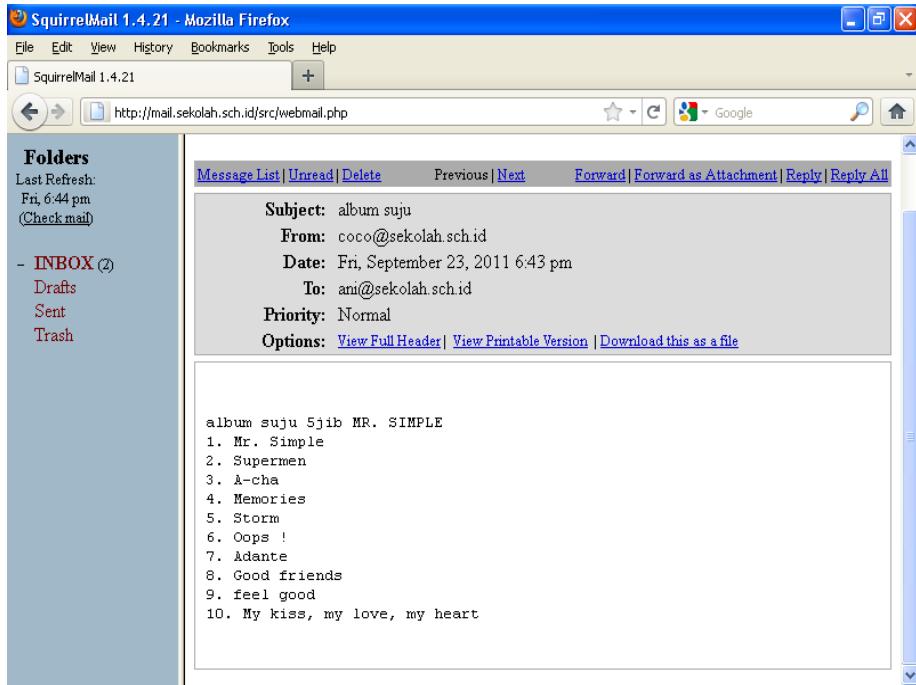
Masukkan *nama* dan *password* terlebih dahulu.



Untuk mengecek mail yang dikirim user 1 tadi, klik pada *INBOX*. Kemudian akan muncul mail yang telah dikirim user 1. Klik pada



Kemudian akan muncul tampilan seperti di bawah ini.



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