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## Summary

Currently we have a nice script [Examples JavaScript Conference IVR](#) for setting up a publicly available conferencing system.

Unfortunatelay I haven't seen any possibility for my users to create their own conferences. In the following I'll show some hints for setting up a kind of basic email based remote control for the IVR based conference mentioned above. Users from your given domain will write an email with subject ADD and a body consisting of the triplet: conf\_room mod\_password conf\_name This will finally add an entry to your MySQL database.

## Features

- ADDing a conference room entry

## ISSUES

- no checking whether there's already a conference room with the given number. So the entries in you database will be overwritten by the next email with the same conf\_room name
- no EDIT of conference rooms
- no DELETE of conference rooms

## Email example

If you want to setup a conference room with number 10000, moderator password of 123456 and name Conference, your users will have to write an email with:

```
Subject: ADD  
Within body: 10000 123456 Conference
```

## Procmail Configuration

Everything that comes from my mail server, having an email address ending within mydomain.com and subject ADD will be parsed to the insert script which will itself make some modifications on the database called freeswitch. Look at the "b" of :0b\*. This will forward only the body of the email. The rest, i.e. :0: will be thrown away. This will be your .procmail.rc

```
PATH=$HOME/bin:/usr/bin:/bin:/usr/local/bin:.
MAILDIR=$HOME/Maildir/
DEFAULT=$HOME/Maildir/
LOGFILE=$MAILDIR/procmail.log

:0b*
* ^Received:. *mydomain.com
* ^From:. *mydomain.com
* ^To: conferencecontrol@mydomain.com
* ^Subject: ADD
|/usr/src/insert | mysql -uYOUR_DB_USER -pYOURPASSWORD freeswitch

:0:
/dev/null
```

## Insert script

This is written with the help of awk.

```
#!/bin/awk -f

BEGIN {
FS=" "
}
{
    if (length($0) == 0) next

    if (NF != 3) {
        print "error line: "NR
        exit
    }

    do {
        printf ("insert into freeswitch.conferences (conf_room, mod_password, conf_name)
    } while (true)
}
```

## Fetchmail configuration

This will download the emails with POP3 protocol from your provider. So this will be your .fetchmail.rc  
Change owner from .fetchmailrc with chown fetchmail ./fetchmailrc

```
poll pop.mydomain.com with proto POP3
user "conferencecontrol@mydomain.com" there with password "YOURPASSWORD is "YOURLOCALUSERWITHTHE
mda "/usr/bin/procmail -d %s"
```

## Crontab

Finally crontab will automatically run fetchmail every minute:

```
0-59/1 * * * * /usr/bin/fetchmail -av
```