

Have an Asterisk server? Make your own wakeup call service.

If you are like me and often times the alarm clock will not wake you up but you will jump right out of bed if you hear the phone ringing, then a wakeup call service might be right for you. If you or your company use asterisk for your telephony needs (or if you don't learn more at www.asterisk.org) you can easily create this service. With some special thanks to RobF at geekthing.com this can be accomplished easier than ever.

There are some prerequisites that will be needed along with the AGI scripts. The following is assuming you already have asterisk up and running. You will need to install Perl, which would be best done through your OS's package manager (yum, apt-get, etc.). Once Perl is installed you will need to add 2 modules through CPAN. The commands for this would be:

```
perl -MCPAN -e shel
cpan> install Date::Manip
cpan> install Asterisk::AGI
```

Next you will need the scripts which can be downloaded from:

<http://www.geekthing.com/~rob/asterisk/>

Once downloaded extract the files with the tar command. Once unpacked go into the asterisk-wakeup directory and move the following files (this assumes you are using asterisk default directories):

```
mkdir /var/spool/asterisk/wakeups/
mv run_wakeups /var/spool/asterisk/wakeups/
mv *.agi /var/lib/asterisk/agi-bin/
mv *.gsm /var/lib/asterisk/sounds/
```

Once the files are moved add a line to the dial plan (extensions.conf) for the extension you want to access the wakeup.agi from:

```
exten => XXXX,1,AGI(wakeup.agi)
```

Then finally the following will need to be added to the crontab using `crontab -e`:

```
* * * * * root /var/spool/asterisk/wakeups/run_wakeups
```

Once this is done and asterisk has been restarted simply dial into the extension you assigned wakeup.agi to and follow the directions. Now you have your very own wakeup call service!

* Software and citation courtesy of Rob Fugina under GPL <http://www.geekthing.com/~rob/>