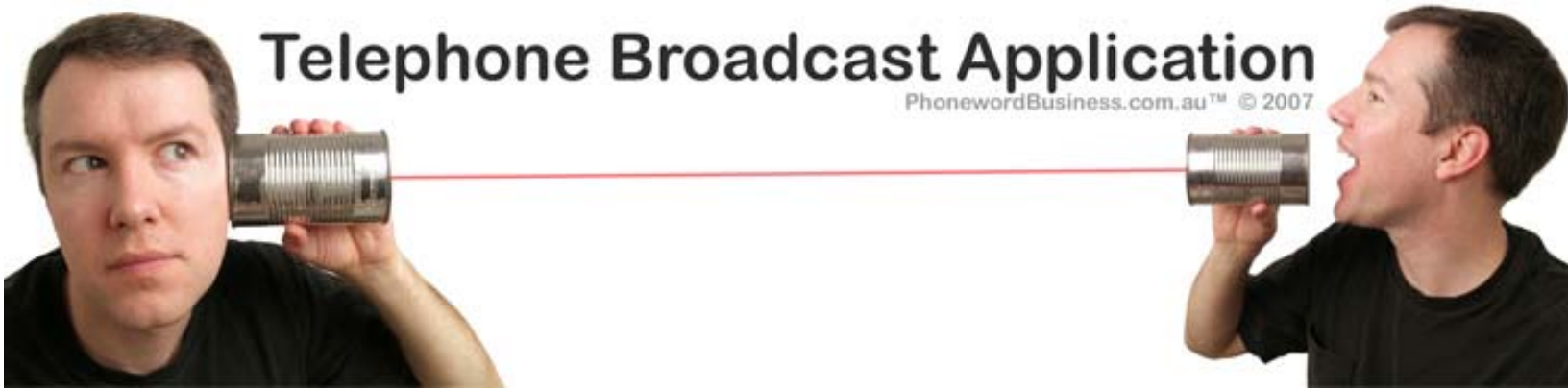


Telephone Broadcast Application

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Packages

HTML<folder>

Broadcast<folder>

- agiscript.php
- broadcast.php
- config.php
- destinations.php
- finaluser.php
- groups.php
- index.php
- sql.php
- templates.php

CSS<folder>

- application.css

images<folder>

- bg.jpg
- bgcolor.jpg
- bgwide.jpg
- footer.jpg
- header.jpg

agi-bin<folder>

broadcast<folder>

- agiscript.php
- broadcast.php
- on_hangup.php
- phpagi.php

sounds<folder>

custom<folder>

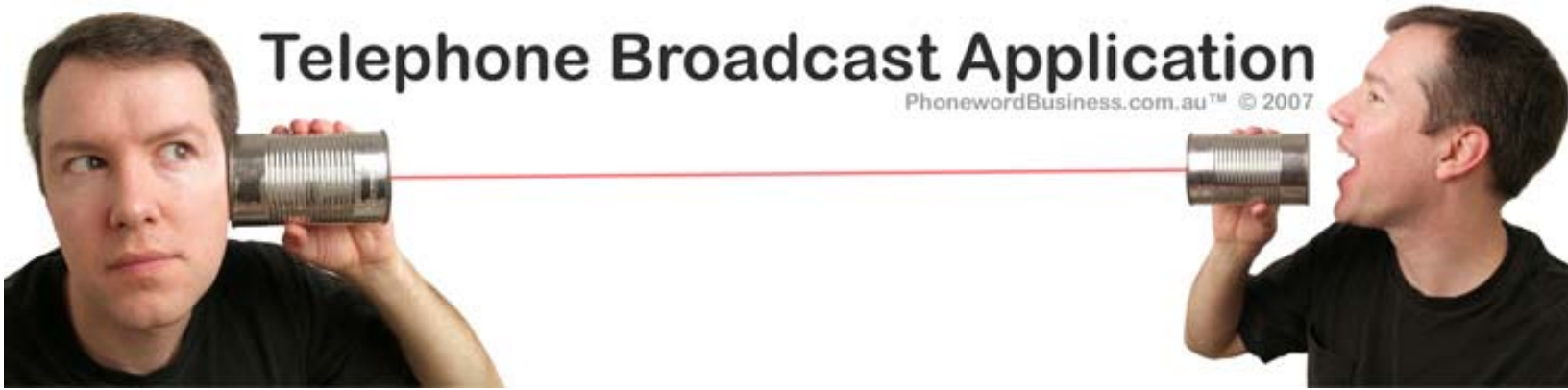
broadcast<folder>

- account_overdue.wav
- account_overdue_voicemail.wav
- B1_once_seen.wav
- B2_register_online.wav
- B3_more_than_just.wav
- B4_territories_sold.wav
- delete.wav
- goodbye.wav

broadcast.sql.zip

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Installation *for installation by linux/asterisk advanced admin*

Files

upload the contents of html folder to /var/www/html/broadcast

upload the contents of 'agi-bin' to /var/lib/asterisk/agi-bin/broadcast

upload the contents of 'sounds' to /var/lib/asterisk/sounds/custom/broadcast

Database

use phpMyAdmin to import database 'broadcast.sql.zip'

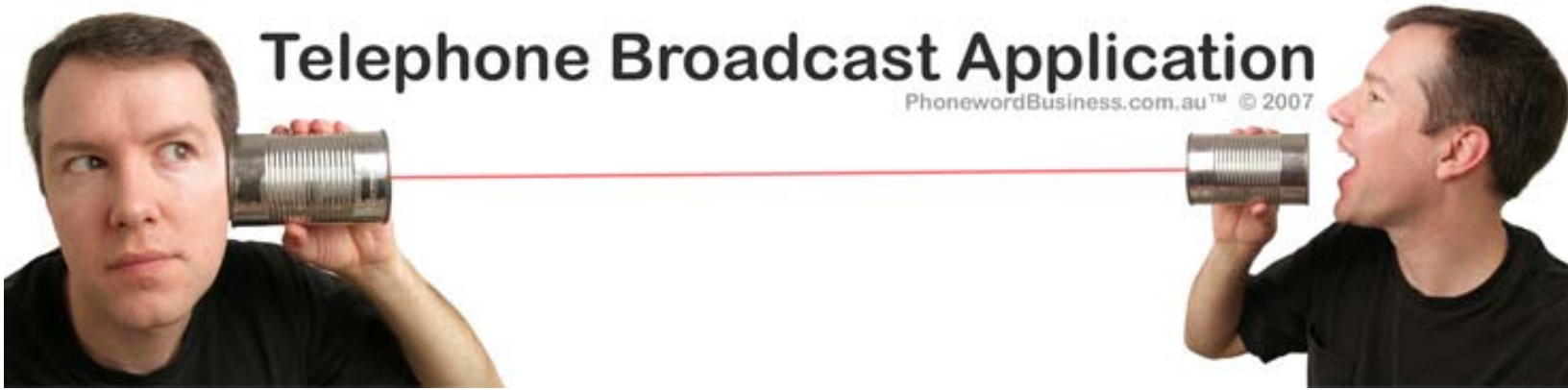
Configuration *in text editor*

edit `/ect/asterisk/extensions_custom.conf` ->add these lines then save and reload extensions

```
[broadcast]
exten => s,1,Answer
exten => s,n,Wait(1)
;exten => s,n,NVFaxDetect()
;exten => s,n,AMD
exten => s,n,AGI(broadcast/broadcast.php)
exten => fax,1,Set(STATUS=FAX)
exten => fax,2,Hangup
exten => h,1,Set(ANSWER=${CDR(answer)})
exten => h,n,DeadAGI(broadcast/on_hangup.php)
exten => h,n,Hangup
[to_delete]
exten => s,1,Set(OPERATION=DELETE)
exten => s,2,Hangup
exten => h,1,DeadAGI(broadcast/on_hangup.php)
exten => h,n,Hangup
```

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edit [/var/www/html/broadcast/config.php](#) -> change application properties

```
$textboxes_for_new = 4; // maximum text boxes
$sep = "|"; //used to separate the report fields
$report_directory = "/var/log/asterisk/report";
$retrys = 2; //for calling files
$local_context = "from-internal";//callfiles attributes
$waittime = 60;//callfiles attributes
$callerid = "BROADCAST <0892209032>";//callfiles attributes
$contextname = "broadcast";//callfiles attributes
$removed = "custom/broadcast/delete";//relative location on voice files
$goodbye = "custom/broadcast/goodbye";//relative location on voice files
$footer = "Phonewordbusiness.com.au &copy;2007 Version 1.2";//footer css
```

edit [/var/www/html/broadcast/sql.php](#) -> set you database connectivity (username and password)

```
$this->dbhost = 'localhost';
$this->dbuser = 'root';
$this->dbpass = 'password';
$this->dbase = 'broadcast';
$this->mysql_link = '0';
$this->query_count = '0';
$this->sql_result = '';
$this->connection();
```

Okay it is now all set up goto to your web interface and test <http://youripaddress/broadcast>

Oops- so you have a problem.

If you put the html folder in a custom place you will have to edit

edit [/var/lib/asterisk/agi-bin/broadcast/agiscript.php](#) -> set your location of www files

```
include("/var/www/html/broadcast/finaluser.php");
include("/var/www/html/broadcast/sql.php");
include("/var/www/html/broadcast/config.php");
```

I cant really help you with anything else because each asterisk system is so customizable, but any linux or asterisk guru can sort minor problems out.

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User manual

The application is divided into 3 parts Templates ,Groups and Broadcast. Lets walk thru these now and then take a run through the application

Groups

Groups are a collection of people that you would like to ring and play your message to, you can manually enter the name and phone number if the group is small ie maybe 10 names or something Alternately you can browse upload a .CSV file the default delimitator is a pipe '|' but you can change this in the config. You can only call the group once before it will not let you call that group again , because the group will be marked as 'called' in the database. If you need to call the same group again then click the reset button and this will clear the called status

The screenshot shows the web interface for the Telephone Broadcast Application. At the top, there is a header with the application name and logo. Below the header, there are three tabs: "Broadcast", "Groups", and "Templates". The "Groups" tab is currently selected. The main content area contains several sections:

- Update group**: A section with buttons for "Save", "Cancel", "Clear", "Import", and "Reset".
- Choose file to upload leads**: A section with a "Select a file:" label, a text input field, and a "Browse..." button.
- Group Name**: A section with a "Group Name" label and a text input field containing the value "visioncom".
- Current entries**: A section with a "Current entries" label. It contains a table with two columns: "NAME" and "NUMBER". The first row has the values "office" and "001112078284600".
- Enter new entries here**: A section with a "Enter new entries here" label. It contains a table with two columns: "NAME" and "NUMBER". There are four empty rows for data entry.

At the bottom of the page, there is a footer with the text "Phonewordbusiness.com.au ©2007 Version 1.2".

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Templates

Templates is broken into two parts first is the IVR destinations these are the options when the caller is asked to press one[1] for something like maybe “talk to a live operator” and press [2] to leave us a voice message. You can create some really neat destinations and the only limit is your imagination , you can have a credit card payment script , a conference room destination, voicemail, weather report ..whatever you like BEAWARE that is advance asterisk scripting and not for a novice . okay so if we enter an IVR destination you enter the name like john and the value would be johns cell number? Or you may enter a voicemail destination , but you will have to create the custom context in asterisk first ie `custom_voicemail|s|1`.



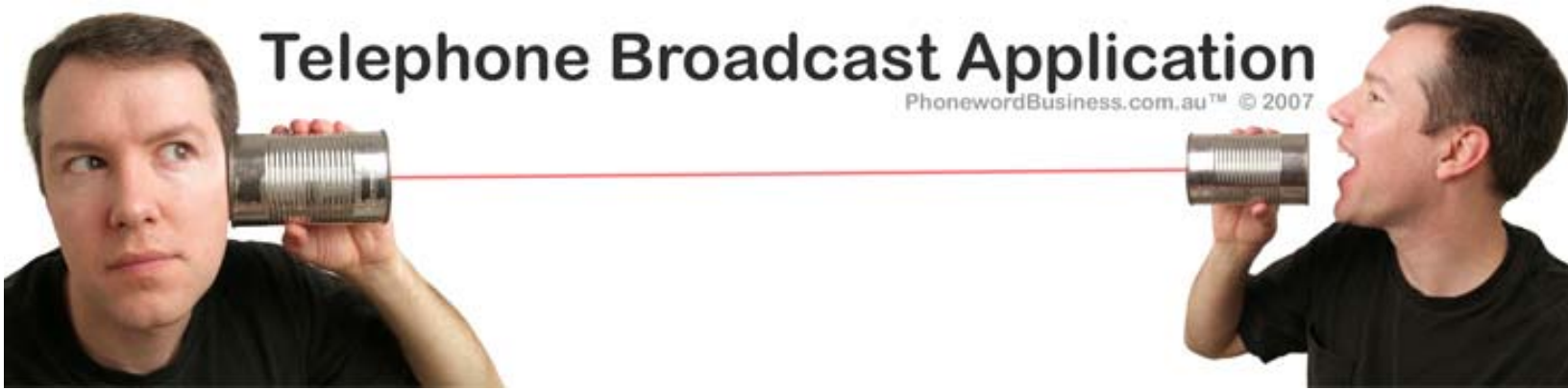
The screenshot shows the web interface for the Telephone Broadcast Application. At the top, there is a banner image of two men using tin can phones, with the text "Telephone Broadcast Application" and "PhonewordBusiness.com.au™ © 2007". Below the banner is a navigation menu with three tabs: "Broadcast", "Groups", and "Templates". The "Templates" tab is selected. Below the navigation menu is a form titled "Update destination" with "Save" and "Cancel" buttons. The form has two input fields: "Name" with the value "call_office|" and "Value" with the value "custom-did-sra|s|10". At the bottom of the form, there is a footer that reads "Phonewordbusiness.com.au ©2007 Version 1.2".

Update destination	
Name	call_office
Value	custom-did-sra s 10

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The second part of the template is the actual template, you have to record a voice file maybe use asterisk recording manager or add this to [from-internal-custom] in asterisk extensions_custom.conf

[from-internal-custom]

; ##### Dial 9999 and this records voice messages #####

Exten => 9999,1,Wait(2)

Exten => 9999,2,Record(/var/lib/asterisk/custom/broadcast/temp_message:gsm)

Exten => 9999,3,Wait(1)

Exten => 9999,4,Playback(/var/lib/asterisk/custom/broadcast/temp_message:gsm)

Exten => 9999,5,wait(1)

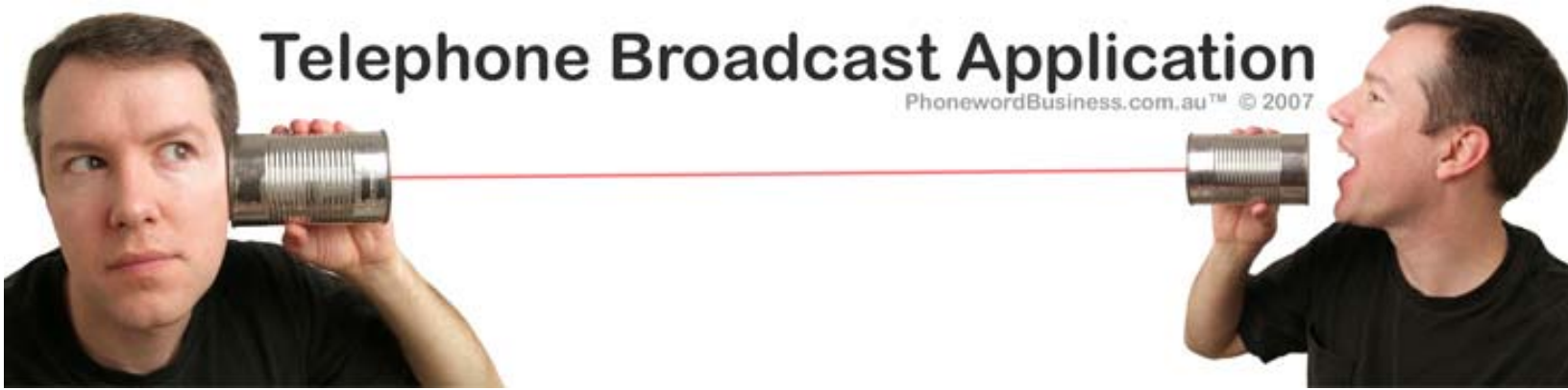
Exten => 9999,6,Hangup

Once you have a voice file in the directory , you can enter the filename into the template application is voice message file 'custom/broadcast/temp_message' Then select from the ivr menu drop boxes what you want the options to do ie in drop box you may select johns_cell and in option 2 you may select johns_vmail

A screenshot of a web browser displaying the 'Telephone Broadcast Application' interface. The header features the same tin can phone image as the top of the document. Below the header are three tabs: 'Broadcast', 'Groups', and 'Templates'. The 'Broadcast' tab is active. The main content area has a red heading 'Update template' followed by 'Save' and 'Cancel' buttons. Below this are three sections: 'Template Name' with a text input field containing 'Acc_overdue'; 'Voice Message File' with a text input field containing 'custom/broadcast/acco'; and 'IVR Options' which is a list of ten dropdown menus numbered 0 through 9. Option 0 is '[---SELECT---]', option 1 is 'cc payment', option 2 is 'overdue Voicemail', option 3 is 'Darren Mobile', option 4 is 'to delete', and options 5 through 9 are '[---SELECT---]'. At the bottom of the interface, it says 'Phonewordbusiness.com.au ©2007 Version 1.2'.

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Broadcast

Broadcast, the opening page lets you configure some system variables like where to email reports , number of concurrent calls, better make sure the system can handle multiple calls first! Time between calls set this longer than the call length and lastly max retries ,

The screenshot shows the web interface for the Telephone Broadcast Application. At the top, there is a header with the title "Telephone Broadcast Application" and the URL "PhonewordBusiness.com.au™ © 2007". Below the header is a navigation menu with three tabs: "Broadcast" (selected), "Groups", and "Templates". The main content area is titled "Broadcast application" and contains three buttons: "Save", "Start", and "Stop". Below this, there are four configuration fields:

Reports Email to	<input type="text" value="darren@dwyer.com.au"/>
Number of concurrent calls	<input type="text" value="10"/>
Time between calls	<input type="text" value="1"/>
Maximum number of retry	<input type="text" value="2"/>

Below the configuration fields, there is a link: [Click HERE to create New Broadcast](#). Underneath, there is a table with one row:

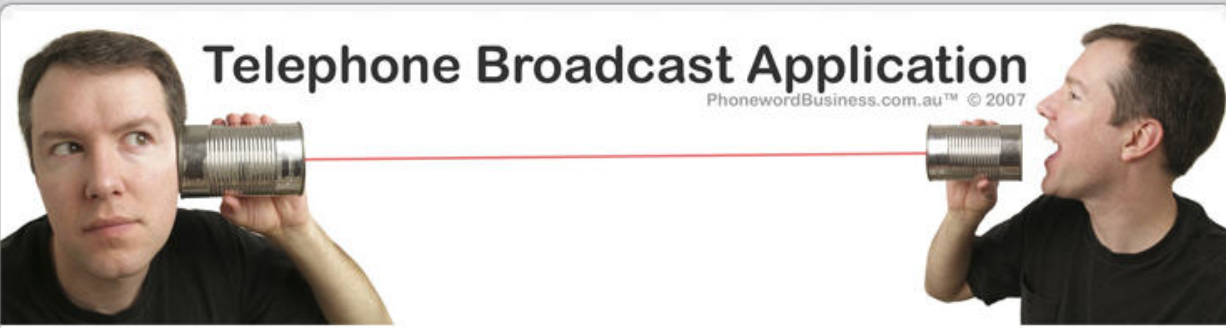
Marketing_message_4	Edit	Delete
---------------------	----------------------	------------------------

At the bottom of the page, there is a footer: "Phonewordbusiness.com.au ©2007 Version 1.2".

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configuring a broadcast is very simple we need to give the broadcast a name, select a template (a message to play) and a group to play the message to , the last thing is that we set a start and finish time for the broadcast , we don't want to broadcast to 3000 people and find we are calling them at midnight do we.



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Broadcast | **Groups** | **Templates**

Update broadcast

Broadcast Name

Template to use

Groups to use
 visioncom
 csv_import

Times to broadcast

Time to start	<input type="text" value="01"/> <input type="text" value="00"/>	Time to finish	<input type="text" value="24"/> <input type="text" value="00"/>
Week day start	<input type="text" value="Mon"/>	Week day finish	<input type="text" value="Sun"/>
Month day start	<input type="text" value="01"/>	Month day finish	<input type="text" value="01"/>
Month start	<input type="text" value="February"/>	Month finish	<input type="text" value="December"/>

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