



# **Voice Broadcasting Solution for FreeSWITCH**

Arezqui Belaid  
<info@star2billing.com>

# Origin of the project

- Commissioned by NGO Kubatana ([kubatana.org](http://kubatana.org))
- Freedom Fone offers health information in the thrid world - [freedomfone.org](http://freedomfone.org)

# User cases

- Marketing
- Polling, Surveys and Voting
- Appointment reminders
- SaaS (Software as a Service)

# How to use it

- Import Contact
- Create Phonebook & Campaign
- Campaign settings :
  - \* CallerID
  - \* Speed
  - \* Call duration
  - \* Schedule
  - \* VoIP Application

# Screenshot - Import Contacts

Sample File						
contact	last name	first name	email-id	description	status	additional_vars
1234	Belaid	Arezqui	areski@gmail.com	test subscriber	1	test
5678	Fourth	John	john@gmail.com	test subscriber	0	test

SUBSCRIBER STATUS = ('1'-ACTIVE) ('0'-INACTIVE)

## Import Contact

Phonebook:

Select Phonebook

Upload CSV File :

Browse CSV file

# Screenshot - Create Campaign

## Campaign

Name:

Description:

Short description of the Campaign

CallerID:

CallerID used to call the A-Leg

Status:

A-Leg Gateway:

Select gateway to use for this campaign

VoIP Application:

Select VoIP Application to use with this campaign

Extra Parameters:

Additional application parameters.

Phonebook:

Hold down "Control", or "Command" on a Mac, to select more than one.

# Screenshot - Create Campaign (Next)

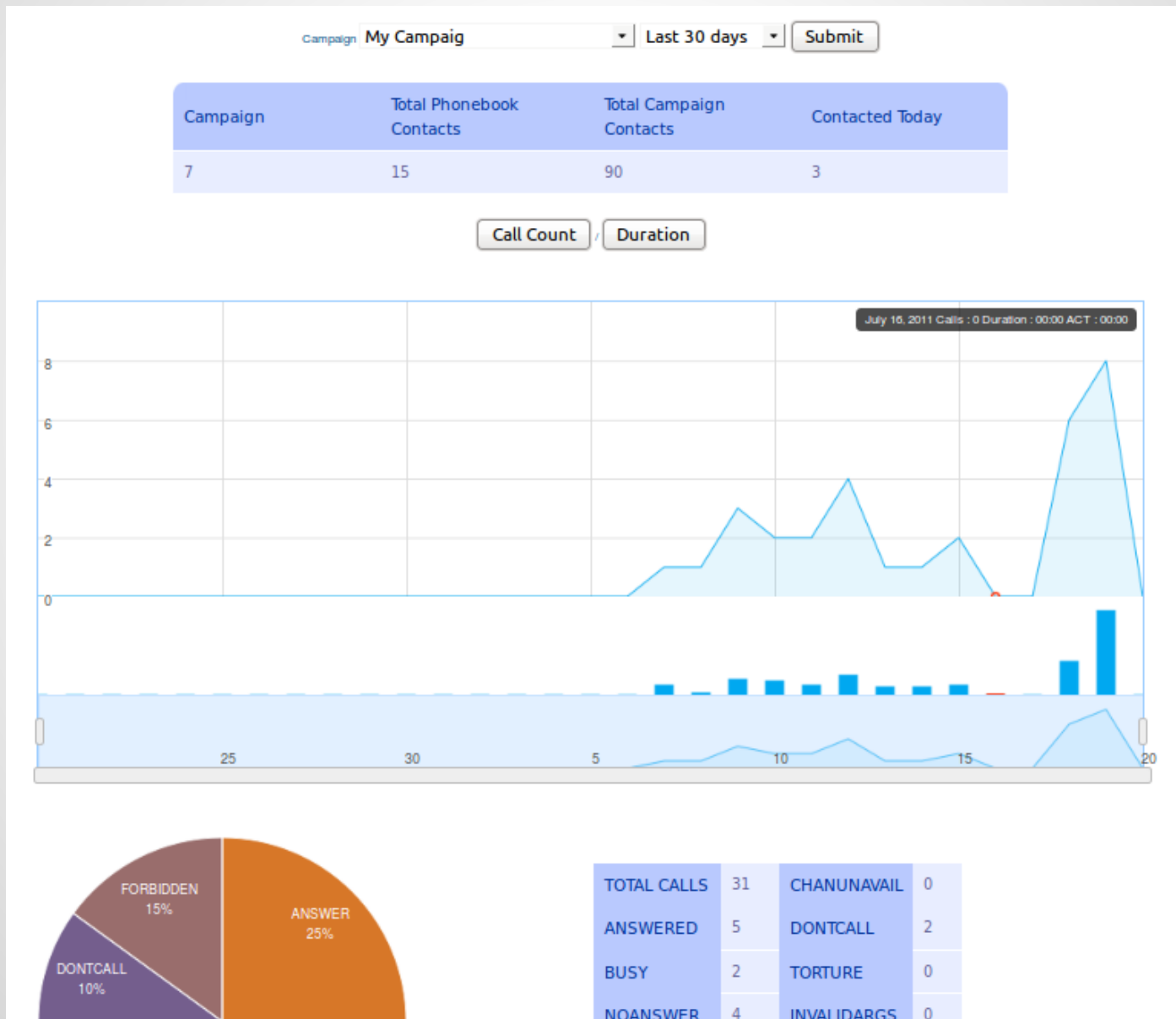
## Campaign settings

<b>Frequency:</b>	<input type="text" value="20"/>	Define the frequency, speed of the campaign. This is the number of calls per minute.
<b>Call Max Duration:</b>	<input type="text" value="50"/>	Define the call's duration maximum. (Value in seconds 1800 = 30 minutes)
<b>Max Retries:</b>	<input type="text" value="3"/>	Define the max retry allowed per user.
<b>Time between Retries:</b>	<input type="text" value="3000"/>	Define the time to wait between retries in seconds
<b>Timeout on Call:</b>	<input type="text" value="60"/>	Define the amount of second to timeout on calls

## Campaign schedule

<b>Start:</b>	<input type="text" value="2011-06-28 06:46:08"/>	<b>Daily start time:</b>	<input type="text" value="00:00:00"/>
	Date Format: YYYY-mm-DD HH:MM:SS		Time Format: HH:MM:SS
<b>Finish:</b>	<input type="text" value="2011-07-05 06:46:08"/>	<b>Daily stop time:</b>	<input type="text" value="23:59:59"/>
	Date Format: YYYY-mm-DD HH:MM:SS		Time Format: HH:MM:SS
<b>Week Days:</b>	<input checked="" type="checkbox"/> Monday <input checked="" type="checkbox"/> Tuesday <input checked="" type="checkbox"/> Wednesday <input checked="" type="checkbox"/> Thursday <input checked="" type="checkbox"/> Friday <input checked="" type="checkbox"/> Saturday <input checked="" type="checkbox"/> Sunday		

# Screenshot - User Dashboard





# Screenshot - Admin Dashboard

NEWFIES DASHBOARD    BOOKMARKS    APPLICATIONS ▾    ADMINISTRATION ▾    CUSTOMER PANEL    [Home](#)    [Area 42](#)    [Change password](#)    [Logout](#) ★

## Dashboard

### Administration

Auth

Admins	<a href="#">+ Add</a>	<a href="#">Change</a>
Customers	<a href="#">+ Add</a>	<a href="#">Change</a>
Groups	<a href="#">+ Add</a>	<a href="#">Change</a>

### Settings

Dialer\_Settings

Dialer Setting	<a href="#">+ Add</a>	<a href="#">Change</a>
----------------	-----------------------	------------------------

### Task Manager

Djcelery

Crontabs	<a href="#">+ Add</a>	<a href="#">Change</a>
Intervals	<a href="#">+ Add</a>	<a href="#">Change</a>
Periodic tasks	<a href="#">+ Add</a>	<a href="#">Change</a>
Tasks		<a href="#">Change</a>
Workers	<a href="#">+ Add</a>	<a href="#">Change</a>

### Voip Dialer

Dialer\_Campaign

Campaign Subscribers	<a href="#">+ Add</a>	<a href="#">Change</a>
Campaigns	<a href="#">+ Add</a>	<a href="#">Change</a>
Contacts	<a href="#">+ Add</a>	<a href="#">Change</a>
Phonebooks	<a href="#">+ Add</a>	<a href="#">Change</a>

Dialer\_Cdr

Call Requests	<a href="#">+ Add</a>	<a href="#">Change</a>
VoIP Call		<a href="#">Change</a>

Dialer\_Gateway

Dialer Gateways	<a href="#">+ Add</a>	<a href="#">Change</a>
-----------------	-----------------------	------------------------

### Voip Server

Voip\_App

VoIP Applications	<a href="#">+ Add</a>	<a href="#">Change</a>
-------------------	-----------------------	------------------------

Voip\_Server

VoIP Server Groups	<a href="#">+ Add</a>	<a href="#">Change</a>
VoIP Servers	<a href="#">+ Add</a>	<a href="#">Change</a>

### Quick links

[Go to Newfies](#)    [Go to FreedomFone](#)    [Change password](#)    [Log out](#)

### DialCode

Prefix\_Country

Countries	<a href="#">+ Add</a>	<a href="#">Change</a>
Prefixes	<a href="#">+ Add</a>	<a href="#">Change</a>

### Recent Actions

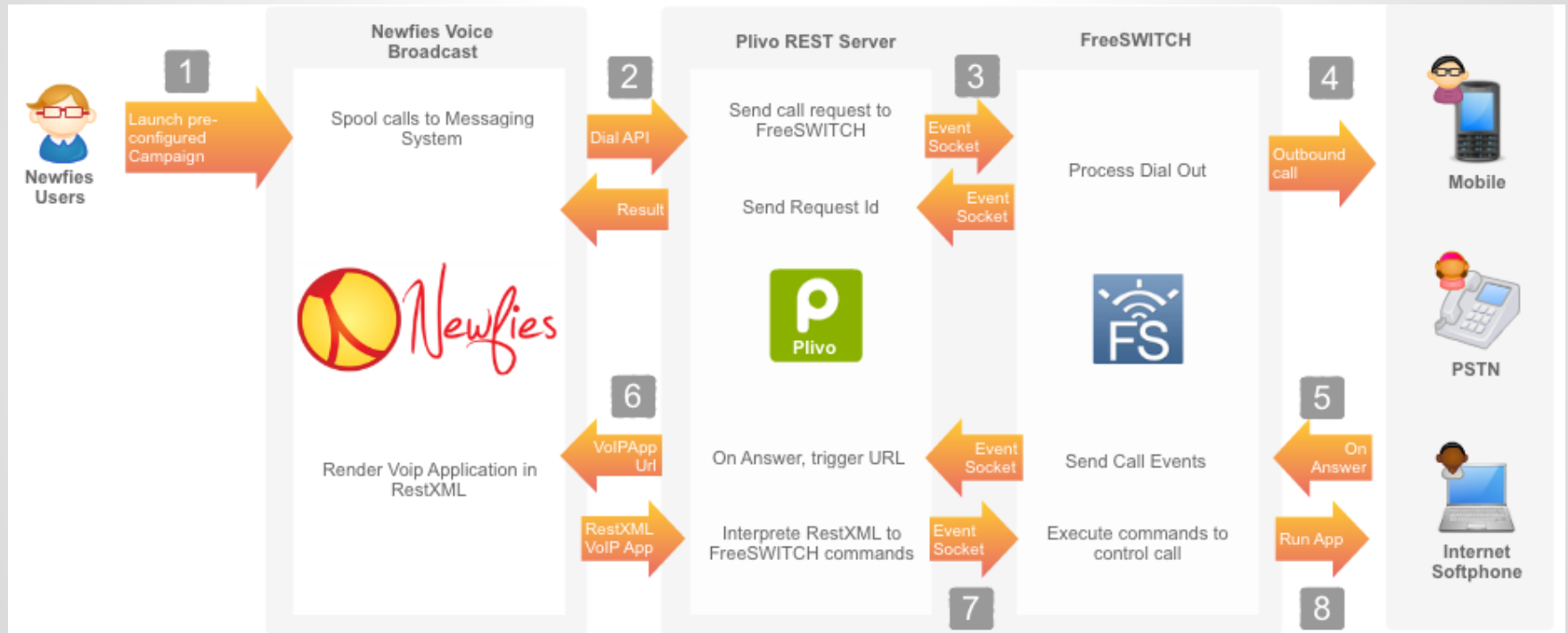
<a href="#">✘ Campaign Subscriber 19</a>	April 25, 2011
<a href="#">+ Contact 6407444581</a>	April 25, 2011
<a href="#">Contact 607451232</a>	April 25, 2011
<a href="#">Contact 3467346457</a>	April 25, 2011
<a href="#">Contact 650784355 (donkiki)</a>	April 25, 2011

memcached: 127.0.0.1:11211 (1) - 0% load

# Under the hood

- Django ([djangoproject.com](https://djangoproject.com))
- Celery ([celeryproject.org](https://celeryproject.org))
- RabbitMQ ([rabbitmq.com](https://rabbitmq.com))
- Plivo ([plivo.org](https://plivo.org))
- FreeSWITCH ([freeswitch.org](https://freeswitch.org))

# Under the hood



# Restful API

- More than 15 APIs are provided
- [Tastypie](#) for Django
- Freedom Fone uses Newfies-Dialer's APIs

# Our roadmap

- [django-audiofield.readthedocs.org](http://django-audiofield.readthedocs.org) : upload, convert and play audios on the web
- Survey Module
- IVR Builder
- Predictive Dialer

# Where to find Newfies-Dialer

- Website : [newfies-dialer.org](http://newfies-dialer.org)
- Forum : [forum.newfies-dialer.org](http://forum.newfies-dialer.org)
- Mailing-list : [Google Group](#)
- Get started : [Install script](#)

# Question

Contact me on Twitter : [@areskib](#)

Mail : [newfies-dialer@star2billing.com](mailto:newfies-dialer@star2billing.com)

Questions ?