

SMSing – SMS client and server

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SMSing Licence: GPL

Description



SMSing is a simple client/server based application to send SMS's through the Internet using Clickatell as service provider. The application supports multiple users, credits, logging aso. In the current version, SMSing should not be used in a productive environment, but shall demonstrate how to use and combine different technologies to send SMS's. Nevertheless SMSing is really interesting for people sending lots of SMS who are bored to type the text using the keyboard of their mobile phones and pay the high prices of their mobile providers. SMSing even allows you to send anonymous messages, or messages with fake sender-number.

On the server side the application uses PHP for the scripting and mySQL for the storage of the user logins, credits, logging aso. If you configure a callback URL in your Clickatell Central API account, you even get the delivery status and time of your messages.

On the client side a simple Java 5.0 GUI forwards the messages to the server application, and the server application does the logging and billing and forwards the message to the Clickatell servers.

Installation

To install the server, you need a web server running PHP and mySQL. Export the sms_server directory into a folder of your choice. Import the database_dump.sql file into a mySQL database. Edit the config.inc.php and fill in the Clickatell API-ID, username and password as well as the mySQL configuration data.

For the client application, you just need to edit the run.cmd or run.sh file.

You must specify the URL where the server is located.

* *Example:* If you unzipped the server to http://www.yourhost.com/sms_server/

it is actually this URL you must fill in. Important: The trailing slash (/) is absolutely necessary!

The second parameter is optional! You may fill in a from-number to use in your client. Note that if you use this from-number, the field will not be editable and you will only be able to send SMS's from this number.

Comments

At the moment there is no administration interface for the user accounting, logging statistics, credits aso. Nevertheless you may edit this values immediately in the mySQL

database. The following fields are important:

uID	A user ID
username	Username
password	Password (not encrypted / plain text)
credits	The account credits in € cents.
price_of_a_credit	The price of one credit! The Clickatell default is 4.4 cents.
active	Activated: (Y)es or (N)o

You may use phpMyAdmin to simplify this task!

Clickatell is used as SMS provider. It provides a reliable, fast and cheap SMS-gateway for 578 networks in 192 countries. If you want to signup, click on the image, or use this link:



<http://affiliates.clickatell.com/central/campaigns/redir.php?cid=2490>

Known problems

* Due to security reasons, some services providers do not allow to specify a from number. The SMS will be delivered, but the number of a standard gateway (+200, +4000,...) will be used as from-number. This problem is not SMSing specific, but it is a “security feature” implemented by some service providers, to prevent the sending of messages with fake or foreign from-numbers.

* The Clickatell prices may change from time to time! The credits database, must not contain the correct prices and must not be complete. Furthermore the list contains the maximal price for the different destinations, so it might be that Clickatell charges you less, than displayed by SMSing.