



# Whatsapp bulk messenger

## UserManual

Generated by Doxygen 1.8.5

Wed Oct 23 2013 12:48:37



## Contents

<b>1</b>	<b>User manual</b>	<b>1</b>
<b>2</b>	<b>Group management</b>	<b>1</b>
<b>3</b>	<b>Sender management</b>	<b>2</b>
<b>4</b>	<b>Message sending</b>	<b>4</b>
<b>5</b>	<b>User management</b>	<b>6</b>

## 1 User manual

### Intro

WhatsApp Messenger allows to mass broadcast whatsapp message to predefined groups of users.

Group can contain a list of phone numbers User can upload multiple receivers' numbers into group as CSV file. Sending is done by senders. Each of them acts as a normal whatsapp user. It has an unique MSISDN/mobile number. Receiver is a person with whatsapp account which will get messages sent by user. When the sender is registered and group numbers are uploaded user can send messages to all receivers within group. Messages can be send immediately or be scheduled. They can contain text, audio, video or picture.

### Login

In order to login go to main page, provide your login, password and click Sign in.

### Logout

In order to logout click Logout button in right top corner of the page.

## 2 Group management

Each group contain multiple phone numbers

### List of groups

List of all groups is available in Groups tab (upper page menu).

### Creating group

To create a group click "New group" in Groups tab. Provide a human friendly Nickname and click Save.



### Uploading numbers/delete number

User can upload multiple receivers' numbers into group as CSV file. There is no header in CSV file. Each line in CSV file should consist of two fields separated with semicolon: number;nickname. Number should be provided in international format.

#### Example CSV file:

```
+44123123123;Receiver 1  
+44123123124;Receiver 2
```

To upload file use "Drag and drop file here (or click to upload)" field.

Each number can be deleted separately using Delete button.

### Numbers synchronization

After group save the numbers are synchronized with whatsapp server in order to check if they registered. To do this user need at least one sender registered. The result of this operation is displayed in the numbers' list.

## 3 Sender management

Each sender acts as a normal whatsapp user. It has an unique MSISDN/mobile number.

### List of sender

List of all senders is available in Groups tab (upper page menu).

### Creating sender

To create a sender click "New sender" in Groups tab. Provide an MSISDN/mobile number and a human friendly Nickname and click Save.

To be able to send messages each account must be confirmed by SMS code. It can be generated only for numbers which are not already used with Whatsapp. To user number already registered with Phone use MissVenom app. The procedure is described at <https://github.com/shirioko/MissVenom>.

In order to get code you can click "generate SMS code" button. The received code put in SMS code box.



## Sender edit

MSISDN	<input type="text" value="44xxxxxxxxxx"/>
Nickname	<input type="text" value="test sedner"/>
Revalidate	<input type="button" value="generate SMS code"/> confirmation is necessary for sending
Owner	<input type="text" value="admin"/>

Figure 1: Sender

Alternatively (if the wasn't sent) you can use [WART](#) program. Click "generate SMS code" to open SMS code box. Download WART-1.4.5.0.exe, run it, put phone number and wait for SMS. The received code put in SMS code box.



The image shows a software window titled "WhatsApp Registration" with standard Windows window controls (minimize, maximize, close). The window is divided into three sections, each with a title bar and a content area:

- Step 1: Request code**: Contains a "Phone number" text box, a "Password (optional)" text box, two radio buttons labeled "SMS" (selected) and "Voice", and two buttons labeled "ID" and "Request code".
- Step 2: Confirm code**: Contains a "Code" text box and a "Confirm code" button.
- Step 3: Retrieve password**: Contains a large, empty rectangular area for displaying the retrieved password.

Figure 2: WART

## 4 Message sending

### List of messages

List of all messages is available in Messages tab (upper page menu).

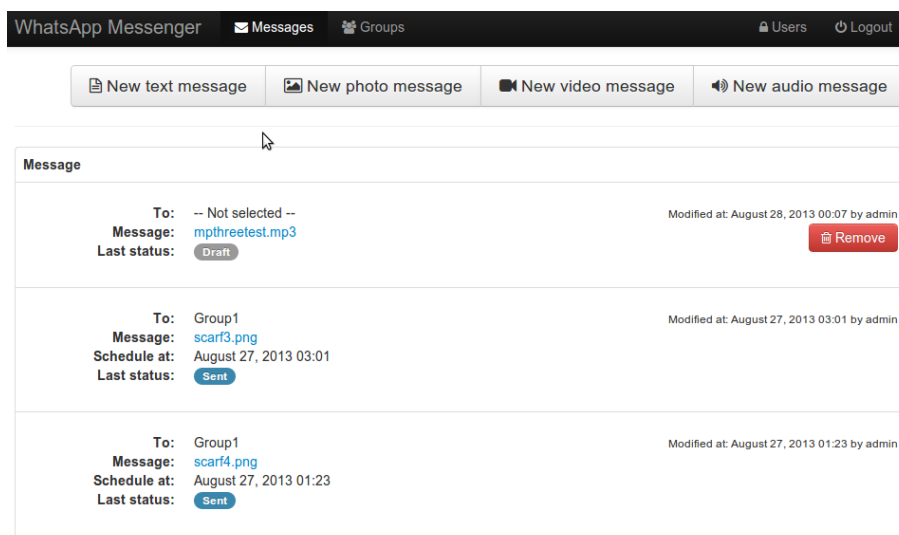


Figure 3: Messages

### Sending message

Select message type with specific button within Messages tab. Once you click it you're redirected to message edit. At this point the message status is draft. You can go back to list and delete it with Remove button.

When editing user can enter message or attach file. User can select sender from a list of senders he registered (or any sender if admin). User is also supposed to choose group of receivers.

Usually messages are sent immediately but they can also be scheduled with "Send at" field.

Messages are sent every minute. In case of large groups the broadcast can be splitted into many separated tasks and can take few minutes.

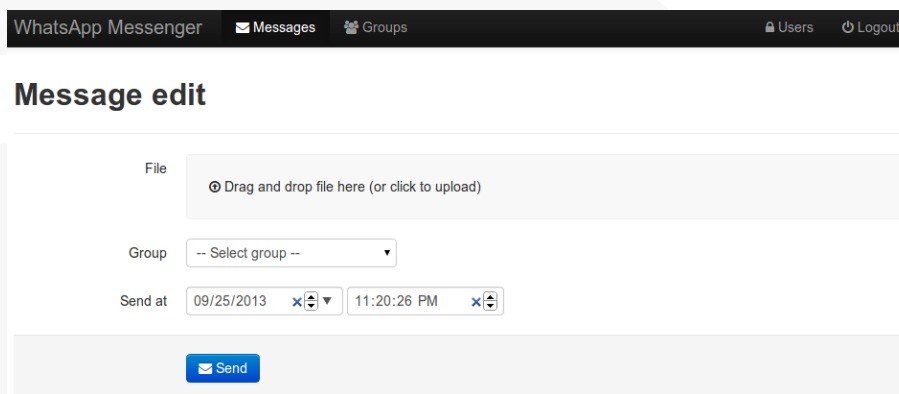


Figure 4: Message edit

### Message statuses

Message has statuses for each operation executed on it. Last status is displayed on messages list. The detailed list of statuses and its receivers can be viewed within message view.

The first status is Draft. As long as message is not sent it can be edited or removed.



The second status is empty. It means that message cannot be edited and is supposed to be sent immediately or at scheduled time.

Status Sent to server means that message was sent to specific Receiver.

Status Received means that whatsapp server has confirmed the message. It doesn't mean that message is on the phone and read.

Status Error means error sending to specific receiver.

The screenshot shows the 'WhatsApp Messenger' interface. At the top, there's a navigation bar with 'Messages' and 'Groups' tabs. Below this is the 'Message edit' section. It includes a 'File' field with 'scarf3.png', a 'Group' dropdown menu showing '[48731832882] Group1', and 'Send at' fields for date (08/27/2013) and time (03:01:48 AM). Below the edit form is a 'History' section containing a table of messages.

Time	Status
2013-08-27 03:02:13	Sent to: 48600233099
2013-08-27 03:01:53	To send

Figure 5: Message view

## 5 User management

### List of users

List of all users is available in Users tab (right top corner of page).

### Adding user

To add user click "New User" button in the Users tab. Then fill Login, Password and click Save. Login should be unique for each user. To achieve that it's recommended to use email or Surname.

### User edit

In order to edit user go to Users tab and click edit button within table, next to user login. Within user you can change password.

### Admin account

There are two types of users:

- Admin user - can create users, has access to all functions



- Subaccount - has limited number of credits (messages to send), can view only senders / groups created by himself.

#### Credits

Subaccount has a number of credits. Each credit is deducted for a message receiver. If message is sent to 5 numbers. 5 credits are deducted.