



## API REST

### Basic concepts

URL	<a href="https://www.waboxapp.com/api">https://www.waboxapp.com/api</a>
Requests	<b>GET / POST</b> Standard HTTP format (application/x-www-form-urlencoded)
Responses	<b>JSON format</b> HTTP <b>200</b> code and "success" field when action is successfully done HTTP <b>403</b> code and "error" field on authentication failure HTTP <b>400</b> code and "error" field on parameters validation failure



## Send WhatsApp text message (chat)

URL	<a href="https://www.waboxapp.com/api/send/chat">https://www.waboxapp.com/api/send/chat</a>
Method	GET / POST

### Mandatory parameters

token	Your waboxapp API token or Your enabled APP token	
uid	Your WhatsApp account phone number with international code	<i>Ex. 34666123456</i>
to	Recipient WhatsApp account phone number with international code	<i>Ex. 34666789123</i>
custom_uid	Your custom unique ID for the new message to be send	<i>Will be sent back to you on ACK events</i>
text	Text to be send	<i>Hello dude!</i>

### Response: JSON format

success	Message successfully received by waboxapp	<i>true</i>
custom_uid	Your custom unique ID for this message	<i>Ex. SJER345FL56</i>

### Example

```
POST
https://www.waboxapp.com/api/send/chat?token=my\_token&uid=34666123456&to=34666789123&custom\_uid=msg0001&text=Hello+dude

{
  "success": true,
  "custom_uid": msg0001
}
```

## Events notification (hooks) in real time

Webhooks are calls made to your custom URL when any event gets fired. You can define your own hooks URL at client and account levels.



## Event: New message received

URL	waboxapp will call your URL
Method	POST

### Request (POST form)

event	message	
token	Your waboxapp API token or Your enabled APP token	
uid	Your WhatsApp account phone number with international code	<i>Ex. 34666123456</i>
contact[uid]	Sender WhatsApp account phone number	<i>Ex. 34666123456</i>
contact[name]	Sender WhatsApp account name	<i>Ex. Peter</i>
contact[type]	Sender type	<i>Ex. user</i> <i>Ex. group</i>
message[dtm]	Message sent timestamp	<i>Ex. 1487082303</i>
message[uid]	WhatsApp unique ID for this message	<i>Ex. 62397B58E3E0B</i>
message[cuid]	Your custom unique ID for this message, if sent by you	
message[dir]	Message direction	<i>Ex: i (input)</i> <i>Ex: o (output)</i>
message[type]	Message type	<i>Ex: chat, image, video, audio, document, vcard, location</i>
message[body]	Message content. It depends on message[type]	<i>See messages types appendix for details</i>
ack	WhatsApp acknowledge status for this message	<i>See messages ACK status appendix for details</i>

### Example

```
POST https://requestb.in/xh9tvh

{
  "event": "message",
  "token": "abcd1234",
  "contact[uid]": "34666123456",
  "contact[name]": "Peter",
  "contact[type]": "user",
  "message[dtm]": 1487082303,
  "message[uid]": "62397B58E3E0B",
  "message[cuid]": "",
  "message[dir]": "i",
  "message[type]": "chat",
  "message[body][text]": "Hey! How are you doing?",
  "message[ack]": 3
}
```



## Event: Message acknowledge (ACK)

URL	waboxapp will call your URL
Method	POST

### Request (POST form)

event	ack	
token	Your waboxapp API token or Your enabled APP token	
uid	Your WhatsApp account phone number with international code	<i>Ex. 34666123456</i>
muid	WhatsApp unique ID for this message	<i>Ex. 62397B58E3E0B</i>
cuid	Your custom unique ID for this message, if sent by you	
ack	WhatsApp acknowledge status for this message	<i>See messages ACK status appendix for details</i>

### Example

```
POST https://requestb.in/xh9tvh
```

```
{
  "event": "ack",
  "token": "abcd1234",
  "uid": "74397B58E3ELZ",
  "cuid": "your-cutom-id",
  "ack": 3
}
```

## Appendix: Messages types

Type	Body structure
chat	text – Message text
image	caption – Media caption mimetype – Media mime type size – Media size in bytes thumb – Media thumb preview in base64 url – Media URL (30-day retention)
video	caption – Media caption mimetype – Media mime type size – Media size in bytes duration – Media duration in seconds thumb – Media thumb preview in base64 url – Media URL (30-day retention)
audio	caption – Media caption mimetype – Media mime type size – Media size in bytes duration – Media duration in seconds url – Media URL (30-day retention)
document	caption – Media caption mimetype – Media mime type size – Media size in bytes thumb – Media thumb preview in base64 url – Media URL (30-day retention)
vcard	contact – Contact name vcard – vCard content
location	name – Place name lng – Longitude coordinate lat – Latitude coordinate thumb – Place map preview in base64 url – Place URL

## Appendix: Acknowledge (ACK) status

Type	Body structure
0	Message still not sent to WhatsApp servers
1	Message sent to WhatsApp servers
2	Message delivered to recipient
3	Message read by recipient (note: it can be masked as status "2" depending on recipient's privacy settings)