

Code Samples



Fetch Messages

You can incrementally fetch your application inbox. To do so, you make a **HTTP GET** request to the following endpoints:

Endpoints

Live: <https://api.africastalking.com/version1/messaging>
 Sandbox:
<https://api.sandbox.africastalking.com/version1/messaging>

Request Parameters

In addition to the standard request headers, the body of the request should contain the following fields:

Parameter	Description
username String Required	Africa's Talking application username.
lastReceivedId String Optional	This is the id of the message that you last processed. The default is 0.

Preferred Method

We highly recommend configuring your application to receive messages via [notifications](/docs/getting_started/notifications) instead of using the fetch messages API. This is the preferred method of receiving messages.

API Response

The body of the response will be a JSON object containing the following fields:

Parameter	Description
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SMSMessageData Map

A **Map** containing the messages from your inbox. It contains the following fields:

- **Messages List**: A list of messages from your inbox. Each message is a **Map** with the following fields:
 - **linkId String**: A unique identifier attached to each incoming message.
 - **text String**: The content of the message received.
 - **to String**: Your registered short code that the sms was sent out to.
 - **id Integer**: The id of the message.
 - **date String**: The date when the sms was sent.
 - **from String**: The sender's phone number.

Below is a sample fetch messages response for a successful request:

```
{
  "SMSMessageData": {
    "Messages": [{
      "linkId": "SampleLinkId123",
      "text": "Hello",
      "to": "28901",
      "id": 15071,
      "date": "2018-03-19T08:34:18.445Z",
      "from": "+254711XXXXYY"
    }]
  }
}
```