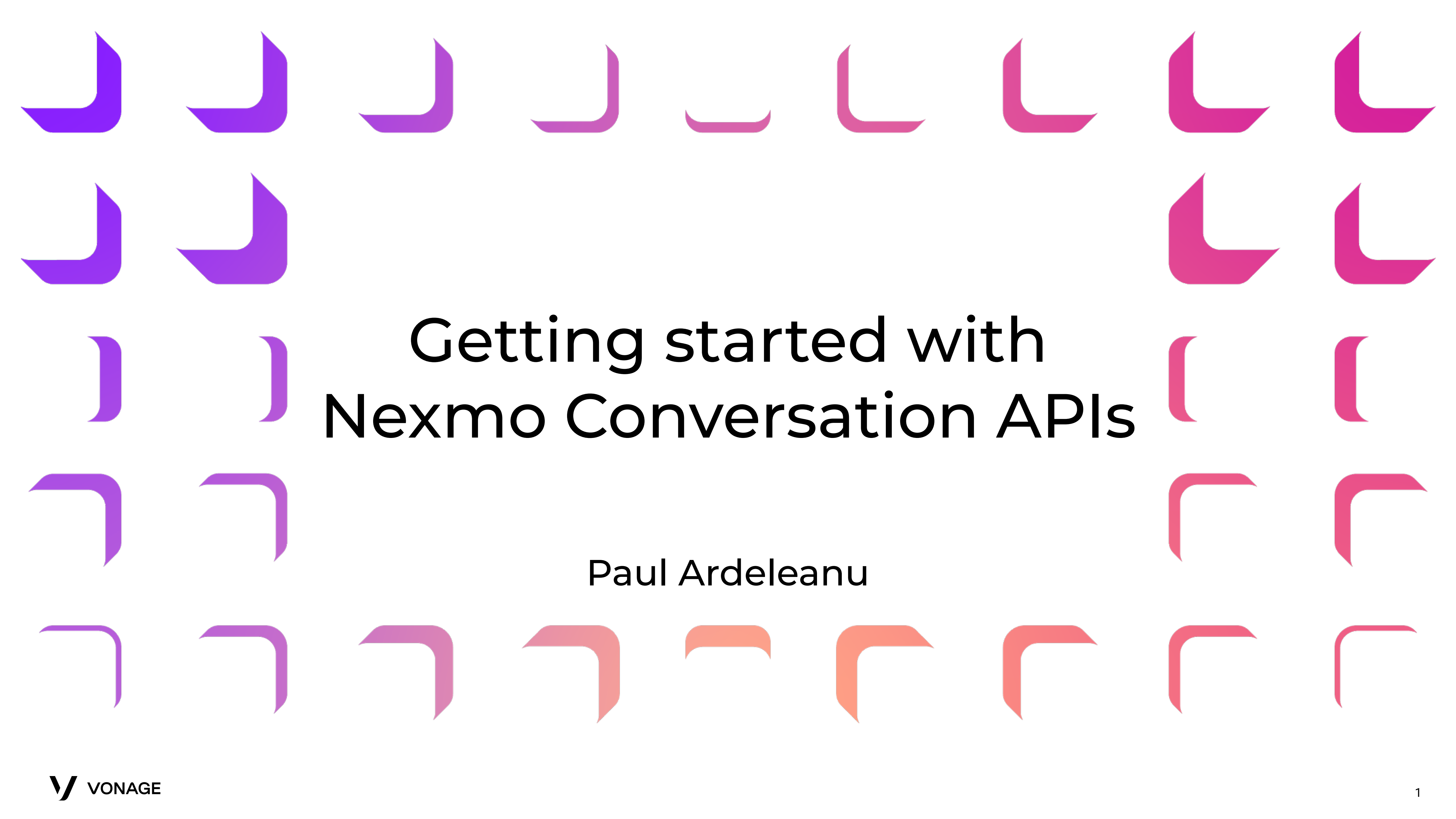




Getting started with Nexmo Conversation APIs

Paul Ardeleanu

dashboard.nexmo.com

Start coding

Create an account, grab your API key and test for free.

First nameLast name

Company name (optional)

Email address

 +44

Phone numberPassword

By clicking the Sign Up button or otherwise using our services, you agree to be bound by our [Terms of Use](#) and our [Privacy Policy](#), which sets out the rights you have in respect of your data. Nexmo Limited or its representatives will text you to verify your phone number and we will process your data primarily to administer your account, fulfil your orders, and provide you telecommunications and support services.

We'll occasionally email you about Nexmo's products and features but, if you'd rather not receive these emails, please [click here](#) to unsubscribe.

Sign up



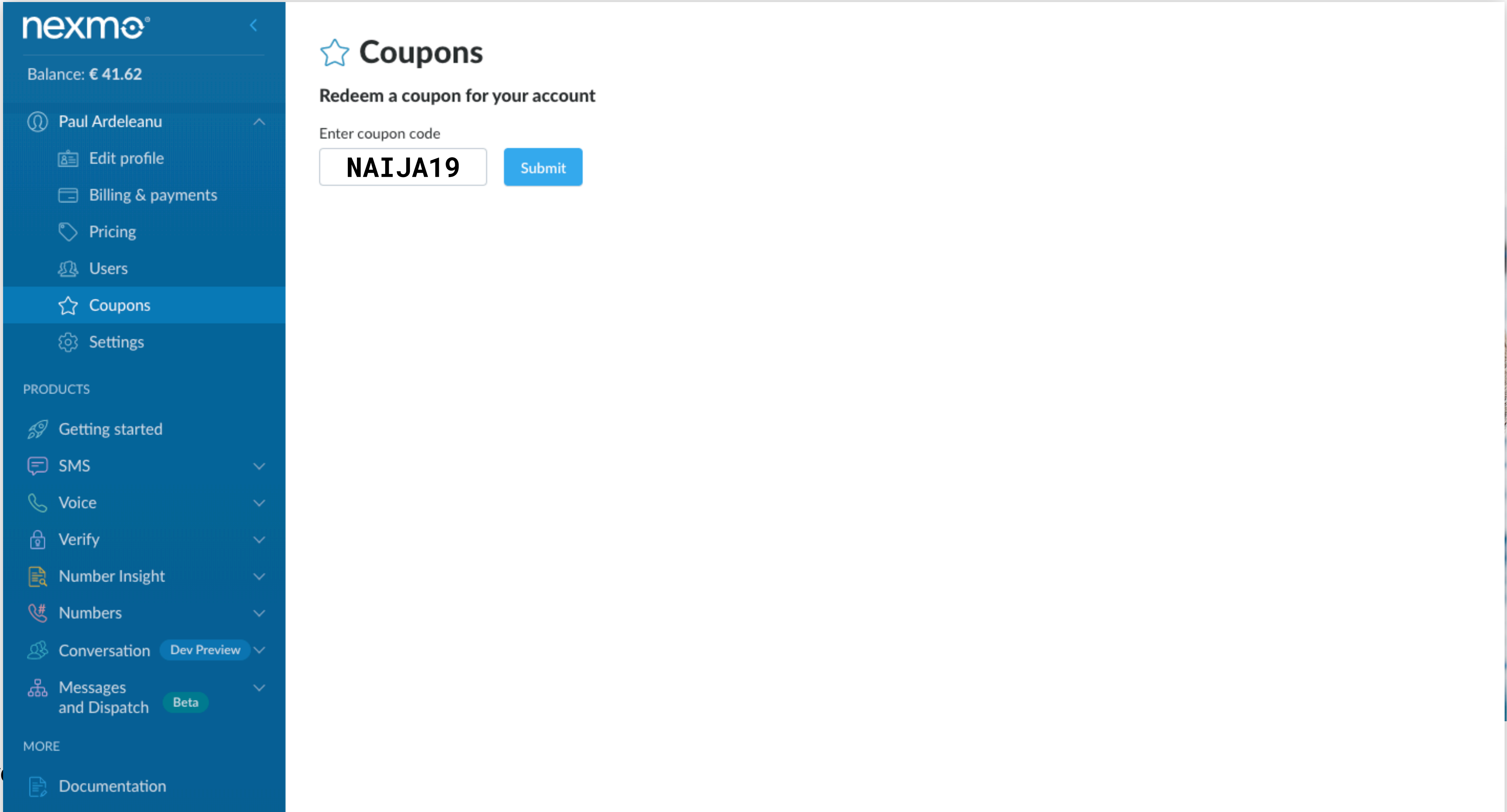
Trusted by



GitHub



dashboard.nexmo.com



€10

nexmo®

The Vonage® API Platform

NAIJA19

Expiry date: 10/01/2020

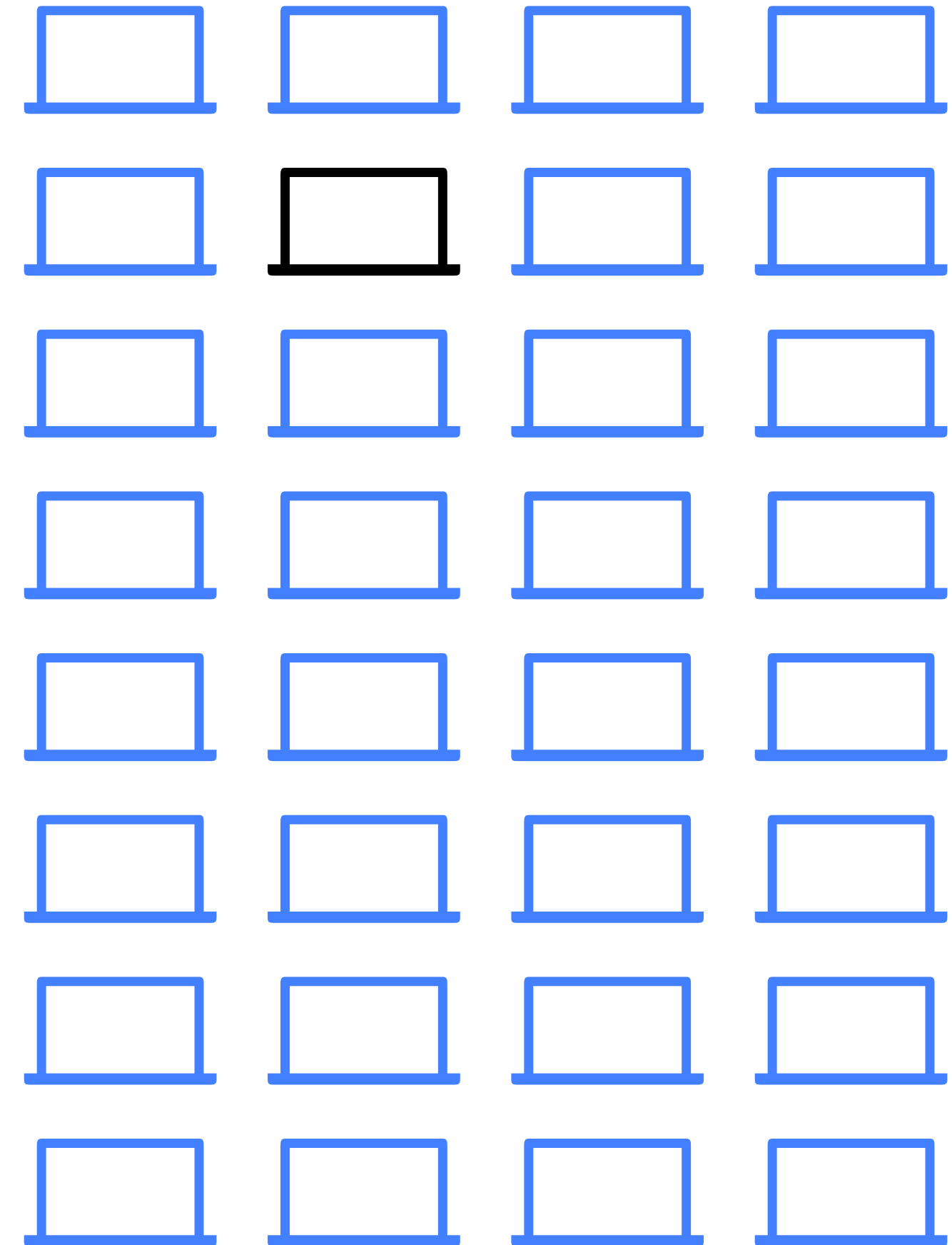
Don't have an account? Sign up for one!

Then head to dashboard.nexmo.com/coupons
to redeem this coupon.

✉ devrel@nexmo.com







NaijaDemo

cb9d439f-5c97-42e4-b05c-eacd3980f38d

- voice
- messages
- rtc
- vbc



nexmo-cli

Server SDKs

- nexmo-node
- nexmo-php
- nexmo-python
- nexmo-ruby
- nexmo-dotnet
- nexmo-java

Client SDKs

- Android SDK
- iOS SDK
- JavaScript SDK

nexmo-cli

nexmo-cli ► Install

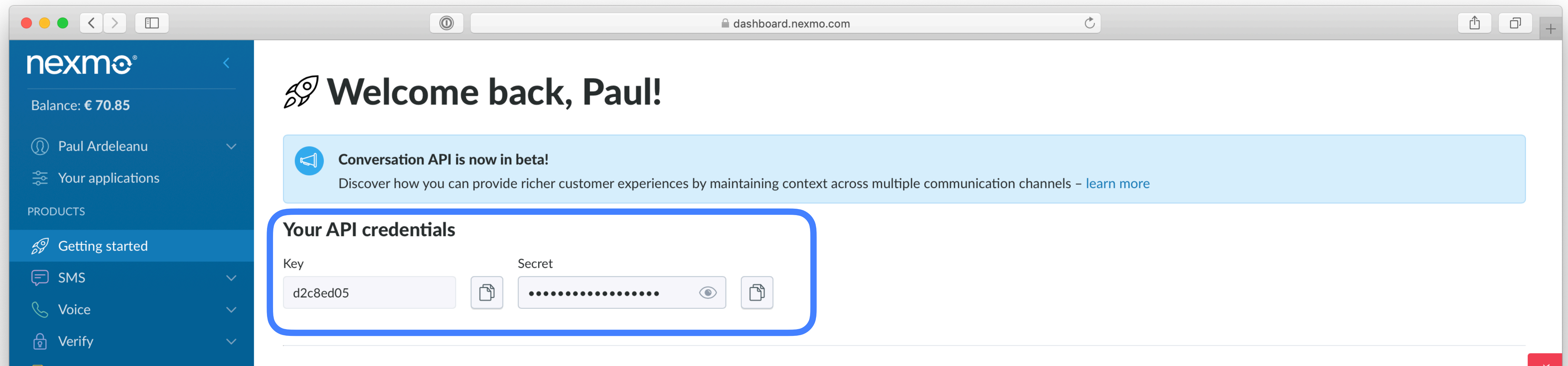
github.com/nexmo/nexmo-cli

```
$ npm install nexmo-cli@beta -g
```

```
/usr/local/bin/nexmo -> /usr/local/lib/node_modules/nexmo-cli/lib/bin.js  
+ nexmo-cli@0.4.9-beta-3  
added 35 packages from 28 contributors and updated 17 packages in 4.886s
```

```
$ yarn global add nexmo-cli@beta
```

nexmo-cli ► Setup



nexmo-cli ► Setup

```
$ nexmo setup <api_key> <api_secret>
```

```
No existing config found. Writing to new file.  
Credentials written to /Users/pardeleanu/.nexmorc  
C:\Users\pardeleanu\.nexmorc
```

```
$ cat ~/.nexmorc
```

```
[credentials]  
api_key=xxx  
api_secret=xxx
```



```
> Get-Content ~/.nexmorc
```

New Application



nexmo-cli ► Create an application

```
$ mkdir NaijaDemo
```

```
$ cd NaijaDemo
```

```
$ nexmo app:create
```

```
? Application Name: NaijaDemo
```

```
? Select Capabilities: voice, messages,rtc
```

```
? Use the default HTTP methods? Y
```

```
? Voice Answer URL: ↵
```

```
? Voice Fallback Answer URL: ↵
```

```
? Voice Event URL: ↵
```

```
? Messages Inbound URL: ↵
```

```
? Messages Status URL: ↵
```

```
? RTC Event URL: ↵
```

```
? Public Key path: ↵
```

```
? Private Key path: ↵
```


nexmo-cli ► Create an application

Application created: 9c160e95-7050-4349-81da-eae435846867

Private Key:

```
-----BEGIN PRIVATE KEY-----  
...  
-----END PRIVATE KEY-----
```

WARNING: You should save this key somewhere safe and secure now, it will not be provided again.

No existing config found. Writing to new file.

Credentials written to /Users/pardeleanu/NaijaDemo/.nexmo-app

nexmo-cli ► Create an application

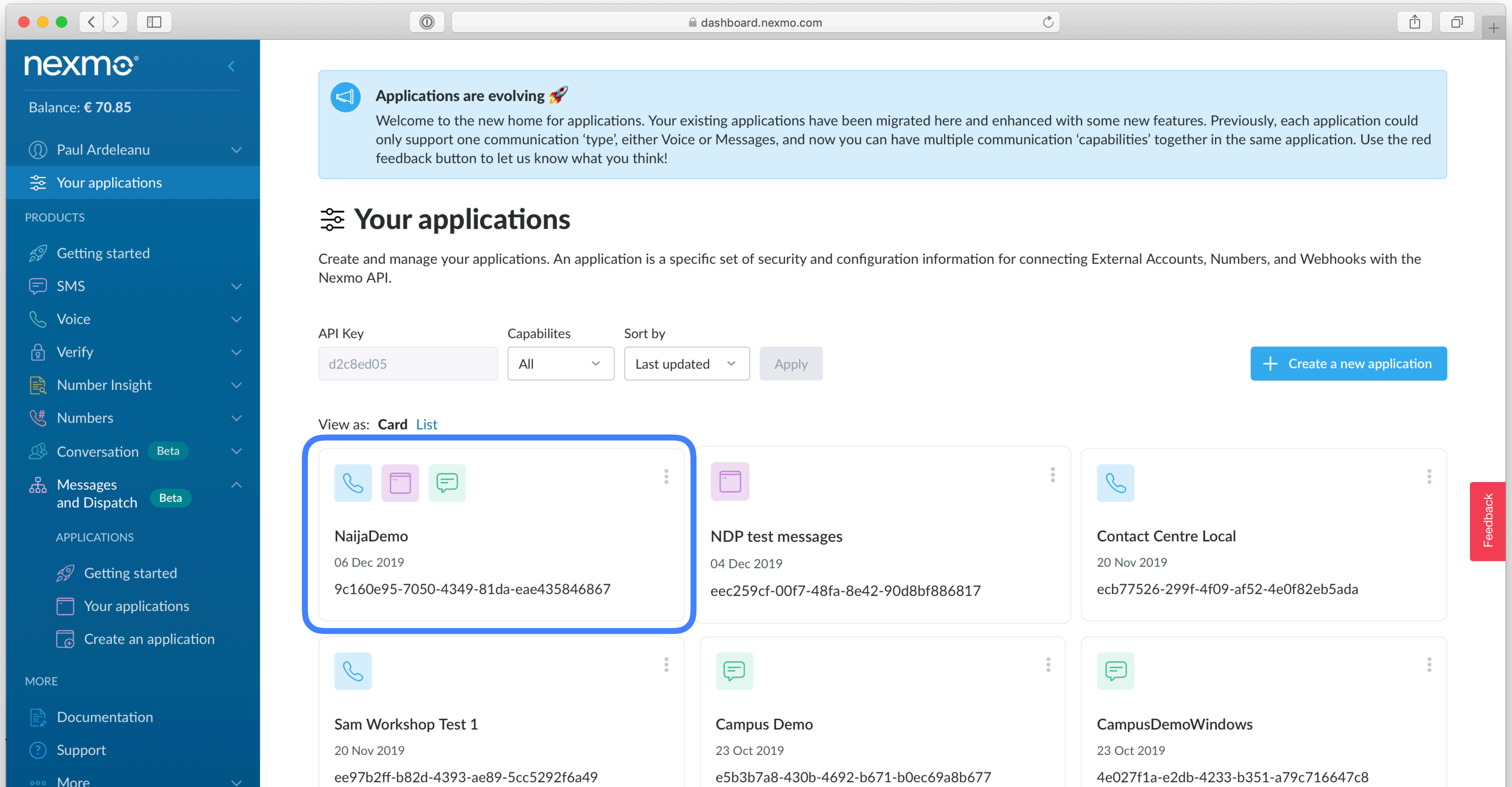
```
$ cat .nexmo-app
```

```
[app_config]  
app_id= 9c160e95-7050-4349-81da-eae435846867  
private_key="-----BEGIN PRIVATE KEY—  
...  
-----END PRIVATE KEY-----\n"
```



```
> Get-Content .nexmo-app
```


nexmo-cli ▶ Create an application



nexmo-cli ► Create an application

```
Application created: 9c160e95-7050-4349-81da-eae435846867
```

```
Private Key:
```

```
-----BEGIN PRIVATE KEY-----
```

```
...
```

```
-----END PRIVATE KEY-----
```

```
WARNING: You should save this key somewhere safe and secure now, it will not be provided again.
```

```
No existing config found. Writing to new file.
```

```
Credentials written to /Users/pardeleanu/NaijaDemo/.nexmo-app
```

To recreate this application in the future without interactive mode use the following command:

```
nexmo app:create "NaijaDemo" --capabilities=voice,messages,rtc --voice-answer-url=https://example.com/ --voice-event-url=https://example.com/ --messages-inbound-url=https://example.com/ --messages-status-url=https://example.com/ --rtc-event-url=https://example.com/
```

Webhooks

```
nexmo app:create NaijaDemo --capabilities=voice,messages,rtc
```

```
--voice-answer-url=https://example.com/
```

```
--voice-event-url=https://example.com/
```

```
--messages-inbound-url=https://example.com/
```

```
--messages-status-url=https://example.com/
```

```
--rtc-event-url=https://example.com/
```

Answer webhook

Event webhook

webhooks ► Inbound

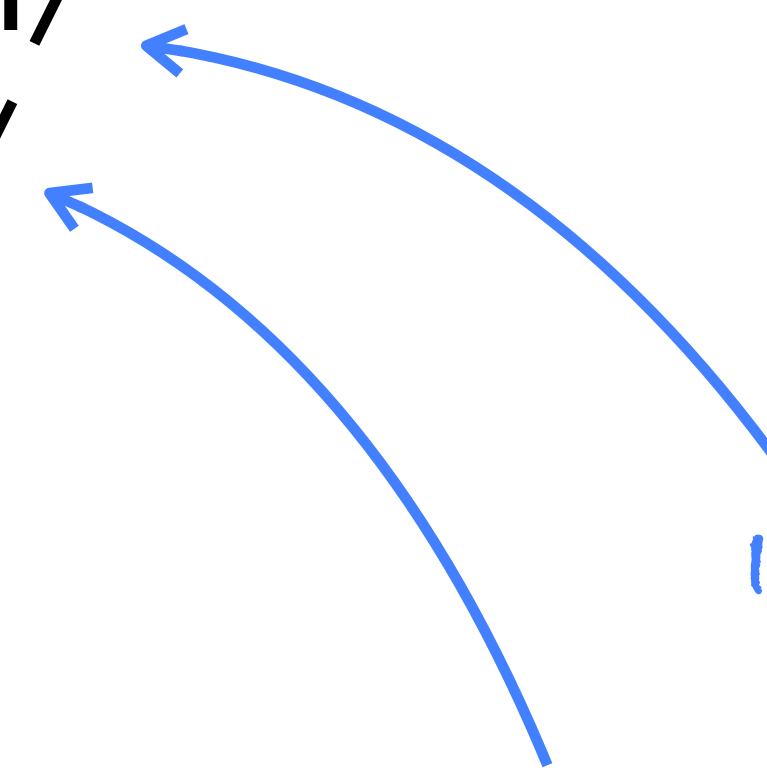


Webhooks

```
nexmo app:create NaijaDemo --capabilities=voice,messages,rtc  
--voice-answer-url=https://example.com/  
--voice-event-url=https://example.com/  
--messages-inbound-url=https://example.com/  
--messages-status-url=https://example.com/  
--rtc-event-url=https://example.com/
```

Inbound webhook

Status webhook



webhooks ▶ Status



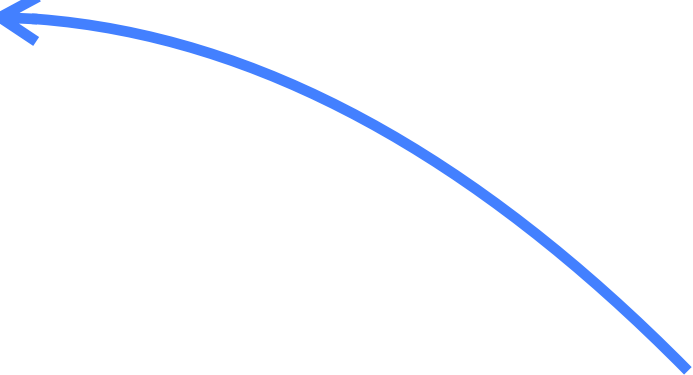
webhooks ▶ Inbound

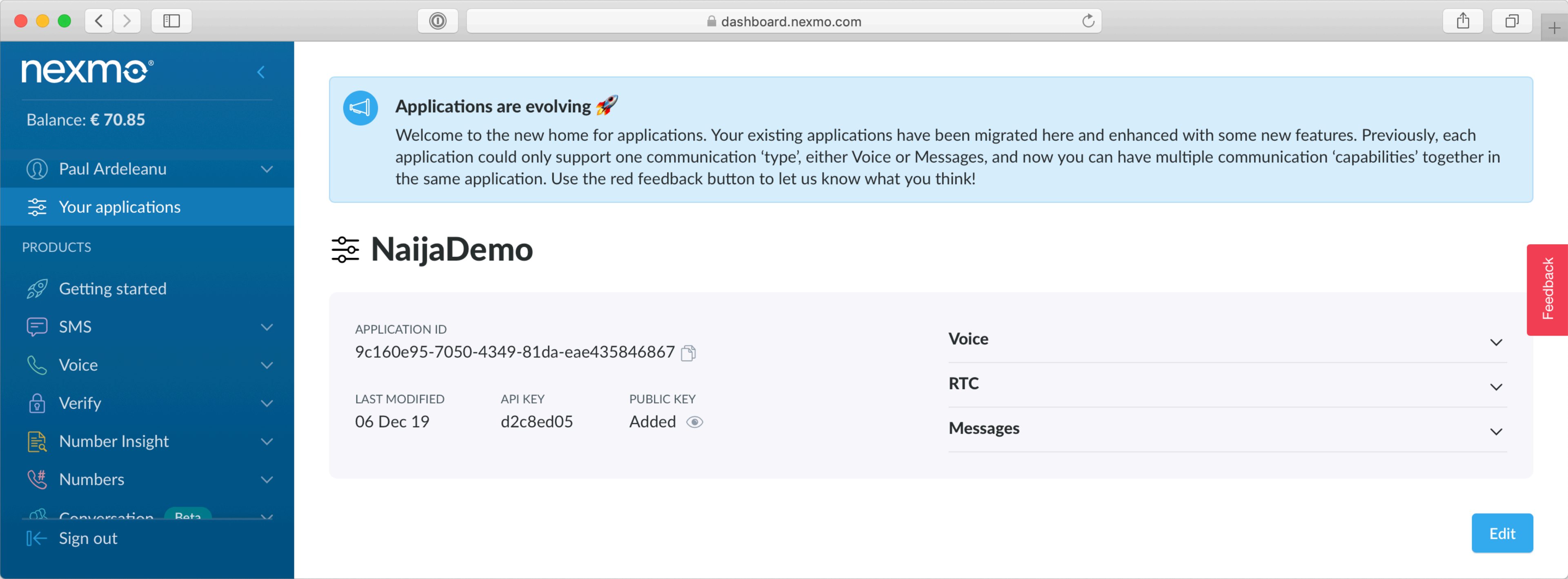


Webhooks

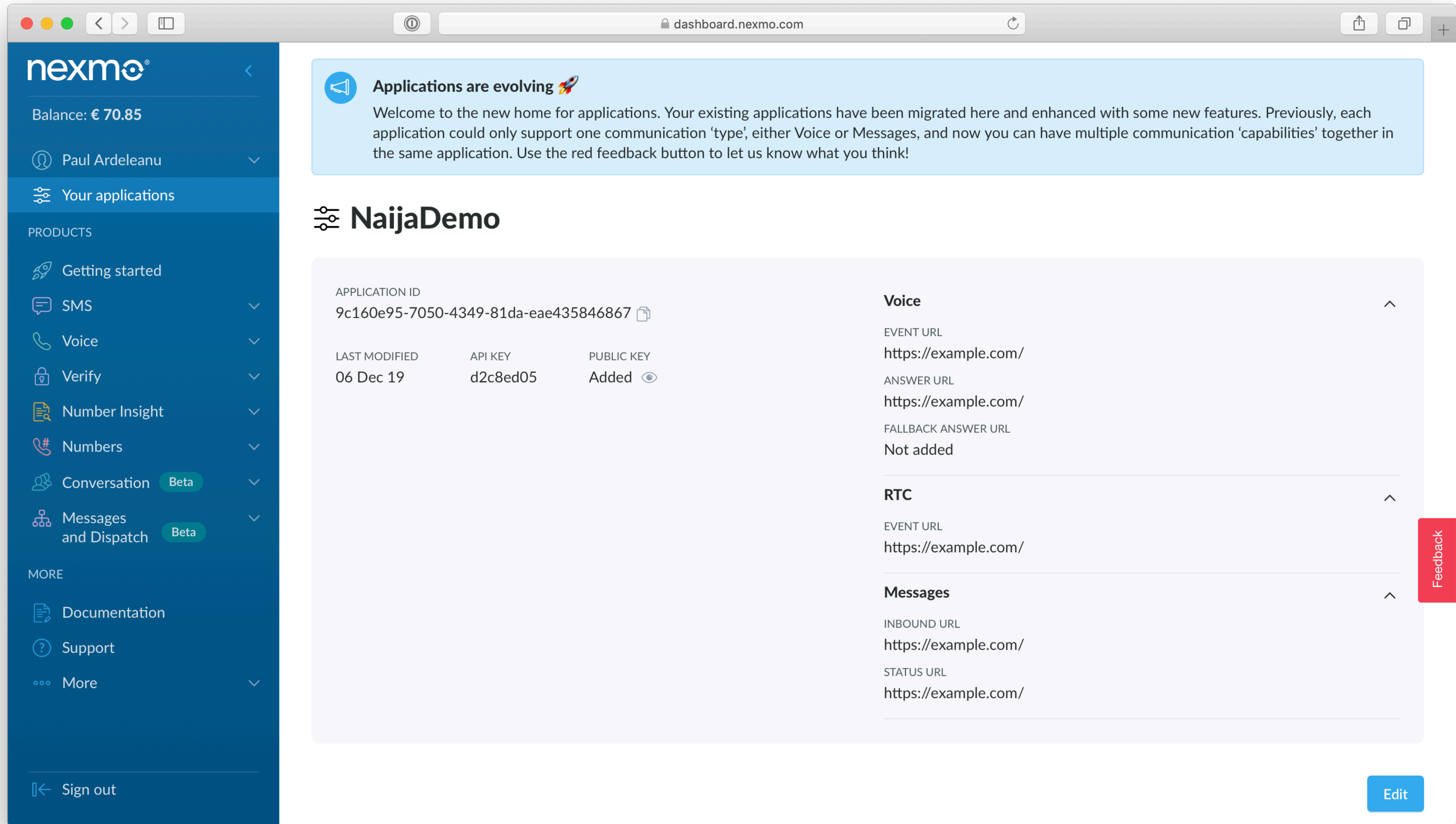
```
nexmo app:create NaijaDemo --capabilities=voice,messages,rtc  
--voice-answer-url=https://example.com/  
--voice-event-url=https://example.com/  
--messages-inbound-url=https://example.com/  
--messages-status-url=https://example.com/  
--rtc-event-url=https://example.com/
```

Event webhook





dashboard.nexmo.com



Authorization

POST `https://api.nexmo.com/...`

Authorization: ???

...

 [Debugger](#) [Libraries](#) [Introduction](#) [Ask](#) [Get a T-shirt!](#) Crafted by  Auth0

ALGORITHM HS256

Encoded

PASTE A TOKEN HERE

```
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4gRG9lIiwiaWF0IjoxNTE2MjM5MDIyfQ.SflKxwRJSMeKKF2QT4fwpMeJf36P0k6yJV_adQssw5c
```

Decoded

EDIT THE PAYLOAD AND SECRET

HEADER: ALGORITHM & TOKEN TYPE

```
{  "alg": "HS256",  "typ": "JWT"}
```

PAYLOAD: DATA

```
{  "sub": "1234567890",  "name": "John Doe",  "iat": 1516239022}
```

VERIFY SIGNATURE

```
HMACSHA256(  base64UrlEncode(header) + "." +  base64UrlEncode(payload),  your-256-bit-secret)
```


authorization ► Generate a JWT

\$ nexmo jwt:generate

```
eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9.eyJpYXQiOiJlNzAyODQ4NTAsImaSI6IjY2ODM3YjcwLWU3N2EtMTF1OS1iU2LTk1YWZjODM0iIsImFwcGxpY2F0aT3uX2lkIjoiodVhYWJjOWEtM2UwMS00ODI4LTg2ODMtNjFhNWFiODc4YWI4In0.N5WzcVvpR6uIiz_Ojd-AUM2YwfxDFrb50qnxcla8cbIateYNg10dHK5mY8zqGWHdVCGY04Qq7HHEyltYDLk2H87duE3bvryHgzaP1462mMIirrakn-SVooHrmahDuVyPdbr3TOHgCYIwINqX1Q0PpqVw6QOXTs4bzXDWaswH6Ly97i6wheshmsxkblxGY_ea_RQRLJrzUJ9-m6vsEtdNcYZh6D70367_hPdz0qgGmZNzStSwwmvauTnoL3fc0cB_B510lchR4XLfdpN00kb6P0ZZea222aqya1BCF3SjT3fi05c1h3fbS9k9HPmMMEBM9U91PrzPZDcXCw_w
```

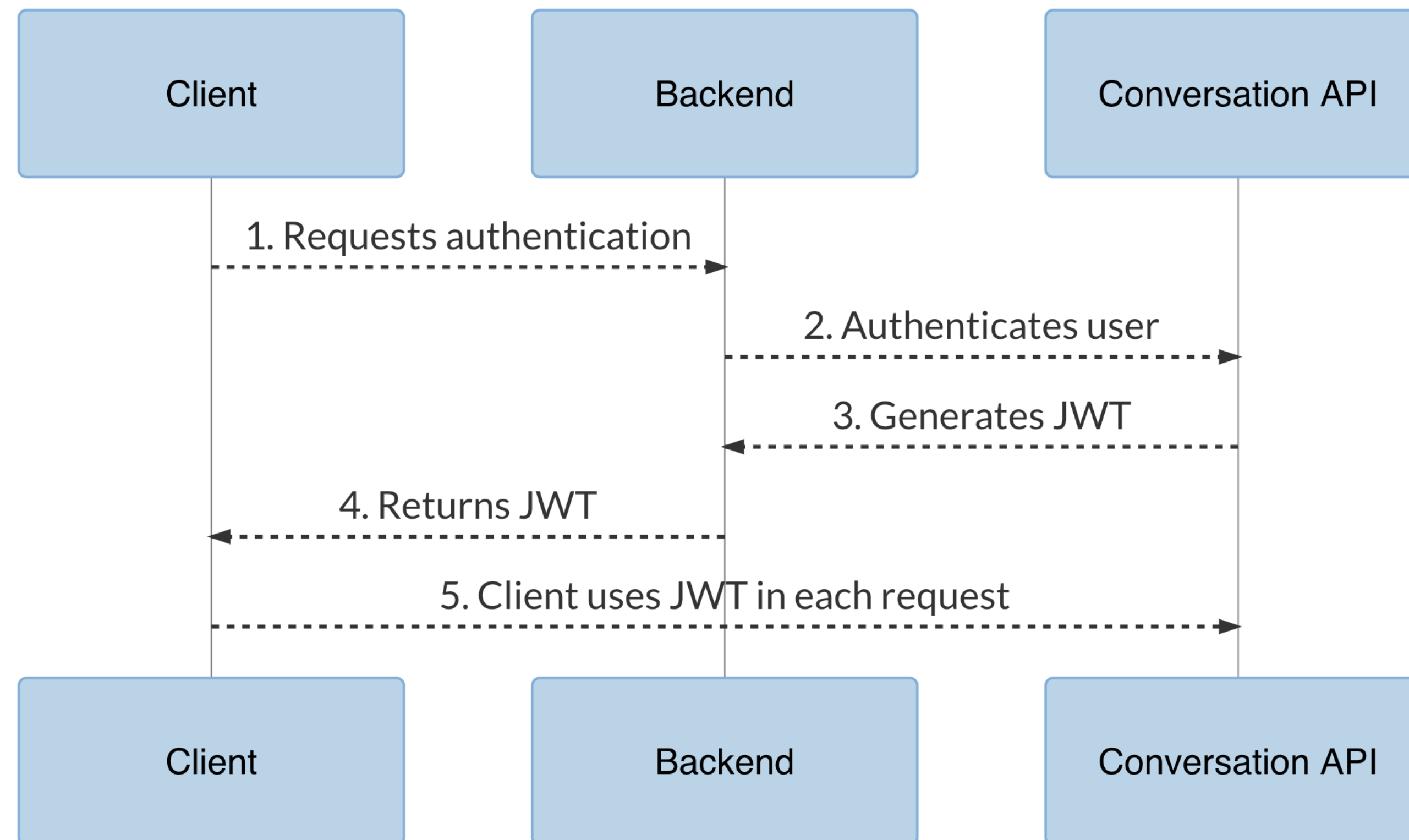
authorization ► Using a JWT

POST `https://api.nexmo.com/v0.1/messages`

Authorization: **Bearer** `eyJ...w_w`

...

authorization ► Using a JWT



authorization ► **Generate a longer lived JWT**

```
$ nexmo jwt:generate exp=$((${date +%s})+86400)
```

Conversations



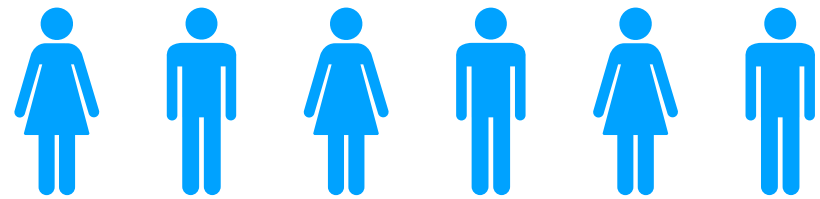
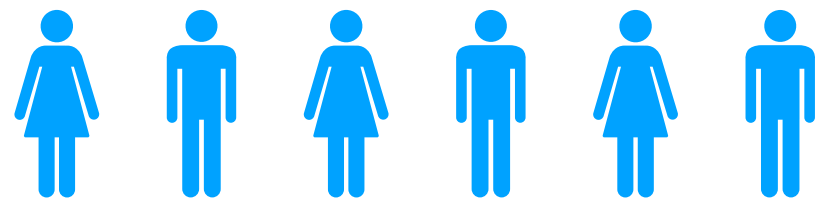
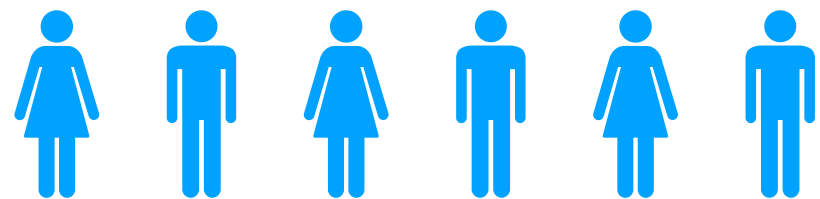
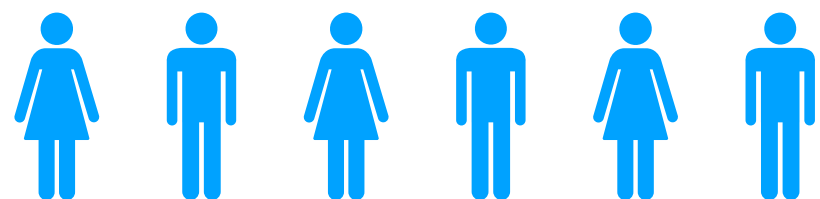
NaijaDemo

cb9d439f-5c97-42e4-b05c-eacd3980f38d

- voice
- messages
- rtc

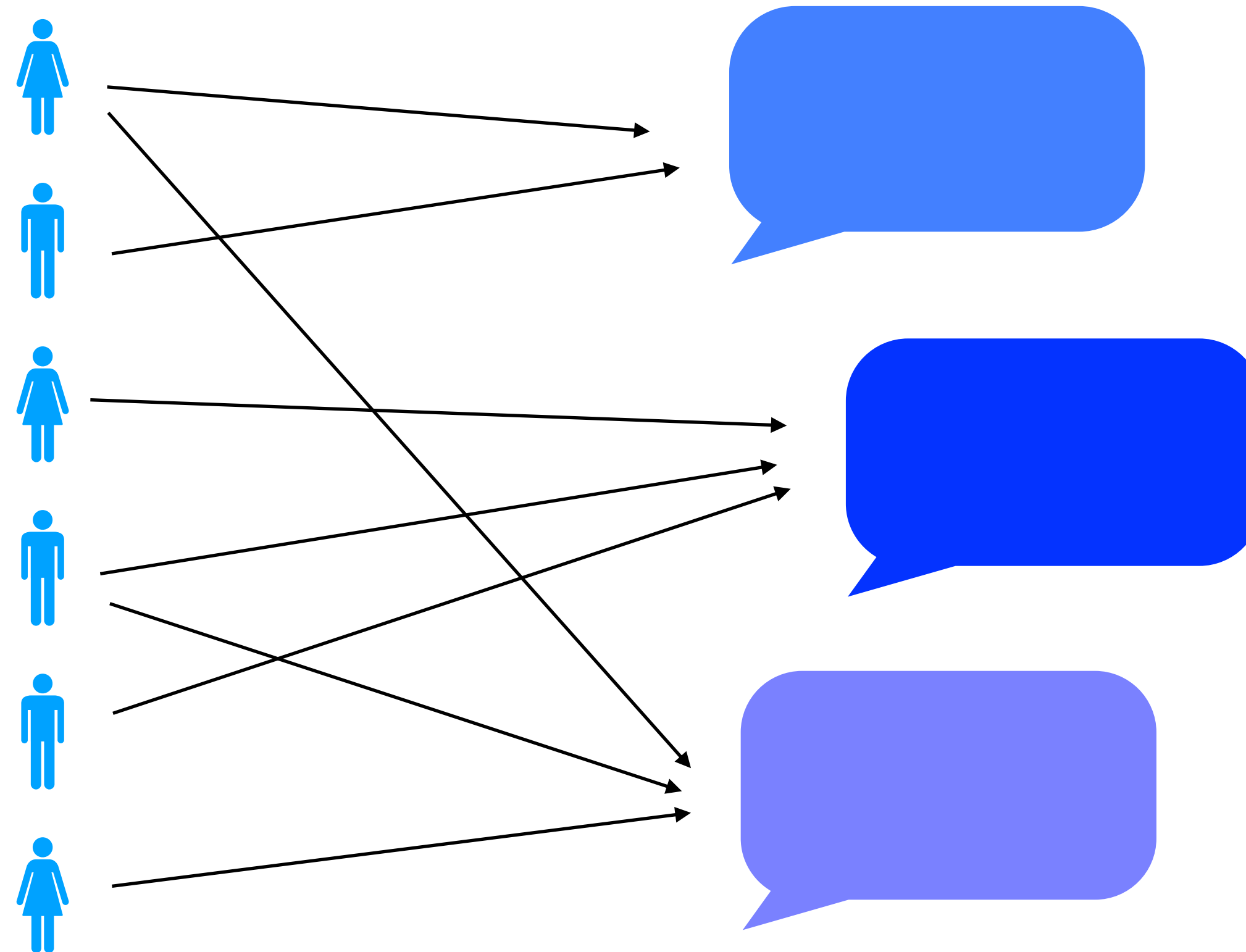
NaijaDemo

cb9d439f-5c97-42e4-b05c-eacd3980f38d



NaijaDemo

cb9d439f-5c97-42e4-b05c-eacd3980f38d



Conversation APIs

- Low-level
- Beta
- We love feedback

`api.nexmo.com/beta/conversations`

Conversation API ► Create a Conversation

```
curl -X "POST" "https://api.nexmo.com/beta/conversations" \
  -H 'Authorization: Bearer eyJhb...'\
  -H 'Content-Type: application/json' \
  -d $'{
    "name": "C-0001",
    "display_name": "My first conversation"
  }'
```

Create a Conversation

In this code snippet you learn how to create a Conversation.

Example

Ensure the following variables are set to your required values using any convenient method:

Key	Description
CONV_NAME	The unique name of the Conversation.
CONV_DISPLAY_NAME	The display name of the Conversation.

- cURL
- Node.js

Prerequisites

- Create an application
- Install dependencies
- Initialize your dependencies

Write the code

Add the following to `create-conversation.js`:

```
nextmo.conversations.create({
  "name": CONV_NAME,
  "display_name": CONV_DISPLAY_NAME}, (error, result) => {
    if(error) {
      console.error(error);
    }
    else {
      console.log(result);
    }
  });
```

[View full source](#)

Run your code

Conversation API ► Create a Conversation

```
curl -X "POST" "https://api.nexmo.com/beta/conversations" \
  -H 'Authorization: Bearer eyJhb...'\
  -H 'Content-Type: application/json' \
  -d $'{
    "name": "C-0001",
    "display_name": "My first conversation"
  }'
```

Conversation API ► Create a Conversation

```
curl -X "POST" "https://api.nexmo.com/beta/conversations" \
  -H 'Authorization: Bearer eyJhb...'\
  -H 'Content-Type: application/json' \
  -d $'{
    "name": "C-0001",
    "display_name": "My first conversation"
  }'
```

Conversation API ► Create a Conversation

```
curl -X "POST" "https://api.nexmo.com/beta/conversations" \
  -H 'Authorization: Bearer eyJhb... ' \
  -H 'Content-Type: application/json' \
  -d $' {
    "name": "C-0001",
    "display_name": "My first conversation"
  } '
```


Conversation API ► Create a Conversation

```
curl -X "POST" "https://api.nexmo.com/beta/conversations" \
  -H 'Authorization: Bearer eyJhb...'\
  -H 'Content-Type: application/json' \
  -d $'{'
    "name": "C-0001",
    "display_name": "My first conversation"
  }'
```

Conversation API ► Create a Conversation

```
curl -X "POST" "https://api.nexmo.com/beta/conversations" \  
  -H 'Authorization: Bearer eyJhb...\' \  
  -H 'Content-Type: application/json' \  
  -d $' {  
    "name": "C-0001",  
    "display_name": "My first conversation"  
  } '
```

Conversation API ► Create a Conversation

```
curl -X "POST" "https://api.nexmo.com/beta/conversations" \
  -H 'Authorization: Bearer eyJhb...'\
  -H 'Content-Type: application/json' \
  -d $'{
    "name": "C-0001",
    "display_name": "My first conversation"
  }'
```


Conversation API ► Create a Conversation

```
curl -X "POST" "https://api.nexmo.com/beta/conversations" \
  -H 'Authorization: Bearer eyJhb...'\
  -H 'Content-Type: application/json' \
  -d $'{'
    "name": "C-0001",
    "display_name": "My first conversation"
  }'
```

Conversation API ► Create a Conversation

```
curl -X "POST" "https://api.nexmo.com/beta/conversations" \
  -H 'Authorization: Bearer eyJhb...'\
  -H 'Content-Type: application/json' \
  -d $'{'
  "name": "C-0001",
  "display_name": "My first conversation"
}'
```

```
{
  "id": "CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1",
  "href": "https://api.nexmo.com/beta/conversations/CON-9460506a-
b0d5-4e17-b24e-cd4a2eedb7e1"
}
```

Conversation API ► Create a Conversation

```
curl -X "POST" "https://api.nexmo.com/beta/conversations" \  
  -H 'Authorization: Bearer eyJhb...\' \  
  -H 'Content-Type: application/json' \  
  -d $' {  
    "name": "C-0001",  
    "display_name": "My first conversation"  
  } '
```

```
{  
  "code": "conversation:error:duplicate-name",  
  "description": "The request failed because the conversation name already  
exists. Please provide a unique conversation name and try again."  
}
```


Conversation API ► Retrieve a Conversation

```
curl -X "GET" "https://api.nexmo.com/beta/conversations/  
CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1" \  
  -H 'Authorization: Bearer eyJhb...'\ \  
  -H 'Content-Type: application/json'
```

Conversation API ► Retrieve a Conversation

```
curl -X "GET" "https://api.nexmo.com/beta/conversations/  
CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1" \  
  -H 'Authorization: Bearer eyJhb...'\ \  
  -H 'Content-Type: application/json'
```

Conversation API ► Retrieve a Conversation

```
curl -X "GET" "https://api.nexmo.com/beta/conversations/  
CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1" \  
  -H 'Authorization: Bearer eyJhb...'\ \  
  -H 'Content-Type: application/json'
```


Conversation API ► Retrieve a Conversation

```
curl -X "GET" "https://api.nexmo.com/beta/conversations/CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1" \
-H 'Authorization: Bearer eyJhb...'\
-H 'Content-Type: application/json'
```

```
{
  "uuid": "CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1",
  "name": "C-0001",
  "display_name": "My first conversation",
  "timestamp": {"created": "2019-12-06T18:11:26.420Z"},
  "sequence_number": 0,
  "numbers": [],
  "properties": {"custom_data": {}},
  "members": [],
  "_links": {
    "self": {"href": "https://api.nexmo.com/beta/conversations/CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1"}
  }
}
```

Conversation API ► Update a Conversation

```
curl -X "PUT" "https://api.nexmo.com/beta/conversations/  
CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1" \  
  -H 'Authorization: Bearer eyJhb...'\ \  
  -H 'Content-Type: application/json' \  
  -d '${  
    "name": "C-0001",  
    "display_name": "My Conversation"  
  }'
```

Conversation API ► List all Conversations

```
curl -X "GET" "https://api.nexmo.com/beta/conversations" \  
  -H 'Authorization: Bearer eyJhb...\' \  
  -H 'Content-Type: application/json'
```


Conversation API ► List all Conversations

```
curl -X "GET" "https://api.nexmo.com/beta/conversations" \  
  -H 'Authorization: Bearer eyJhb...'\   
  -H 'Content-Type: application/json'
```

```
{  
  "count":2,  
  "page_size":10,  
  "record_index":0,  
  "_links":{  
    "self":{"href":"https://api.nexmo.com/beta/conversations"}  
  },  
  "_embedded":{  
    "conversations":[  
      {"uuid":"CON-7dce8c7a-223b-4e04-b655-73bde6d85398","name":"C-0002","_links":{"self":  
        {"href":"https://api.nexmo.com/beta/conversations/CON-7dce8c7a-223b-4e04-b655-73bde6d85398"}}},  
      {"uuid":"CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1","name":"C-0001","_links":{"self":  
        {"href":"https://api.nexmo.com/beta/conversations/CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1"}}}  
    ]  
  }  
}
```

Conversation APIs

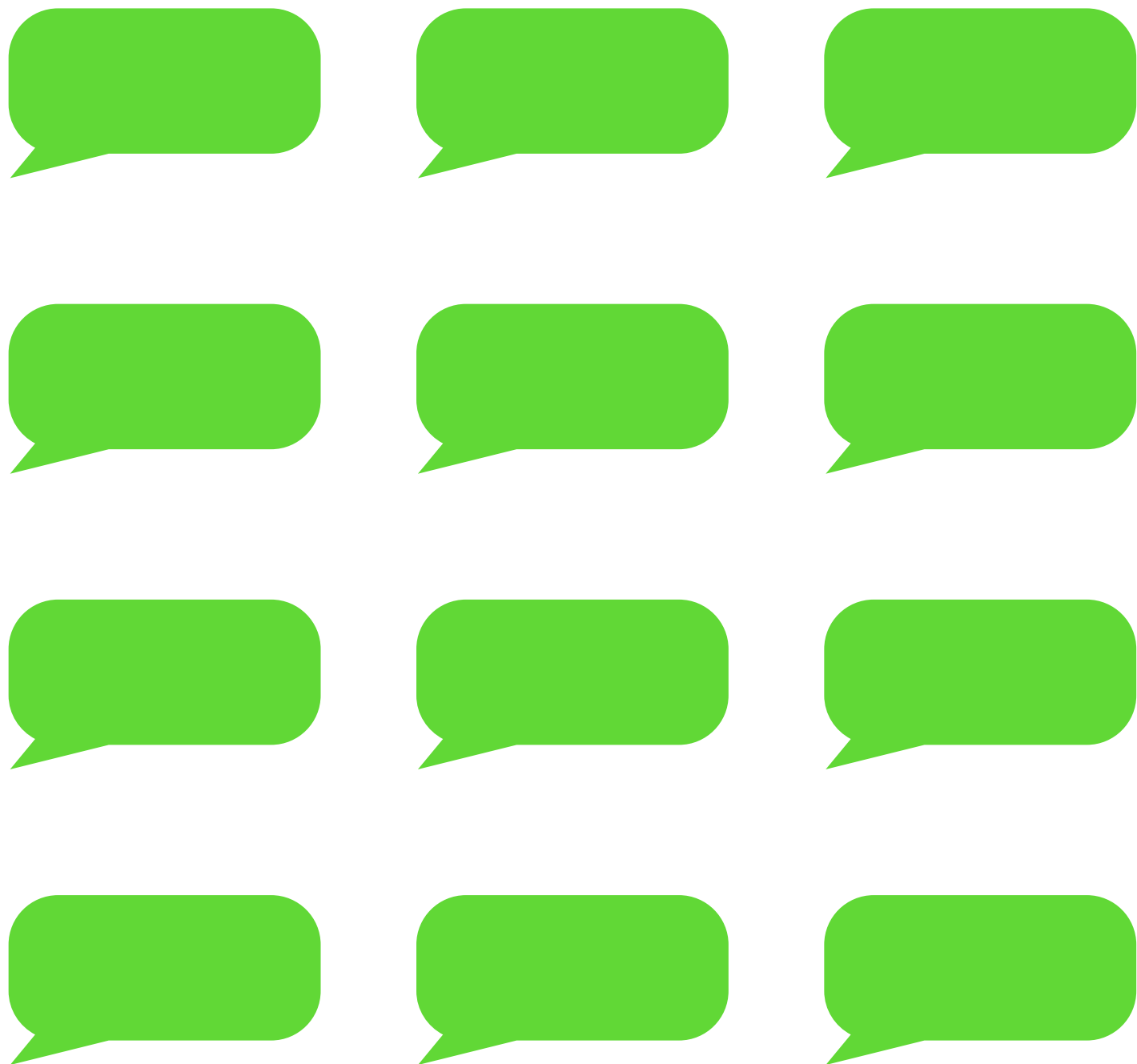
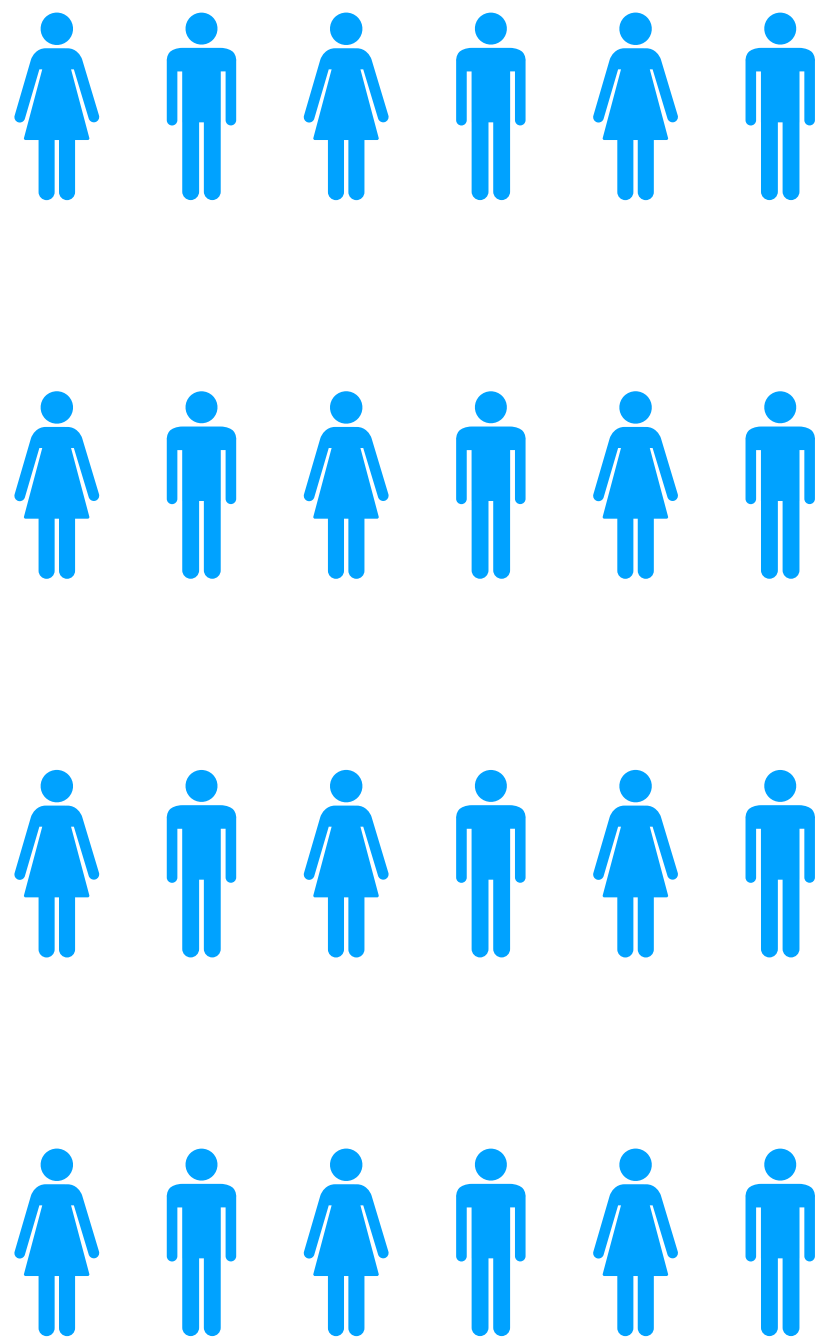
developer.nexmo.com/conversation

Conversation API ▶ Conversation Members

```
{
  "uuid": "CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1",
  "name": "C-0001",
  "display_name": "My first conversation",
  "timestamp": {"created": "2019-12-06T18:11:26.420Z"},
  "sequence_number": 0,
  "numbers": [],
  "properties": {"custom_data": {}},
  "members": [],
  "_links": {
    "self": {"href": "https://api.nexmo.com/beta/conversations/CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1"}
  }
}
```


NaijaDemo

cb9d439f-5c97-42e4-b05c-eacd3980f38d



Conversation API ► Create a User

```
curl -X "POST" "https://api.nexmo.com/beta/users" \
  -H 'Authorization: Bearer eyJhb...'\
  -H 'Content-Type: application/json' \
  -d $'{
    "name": "jane",
    "display_name": "Jane"
  }'
```

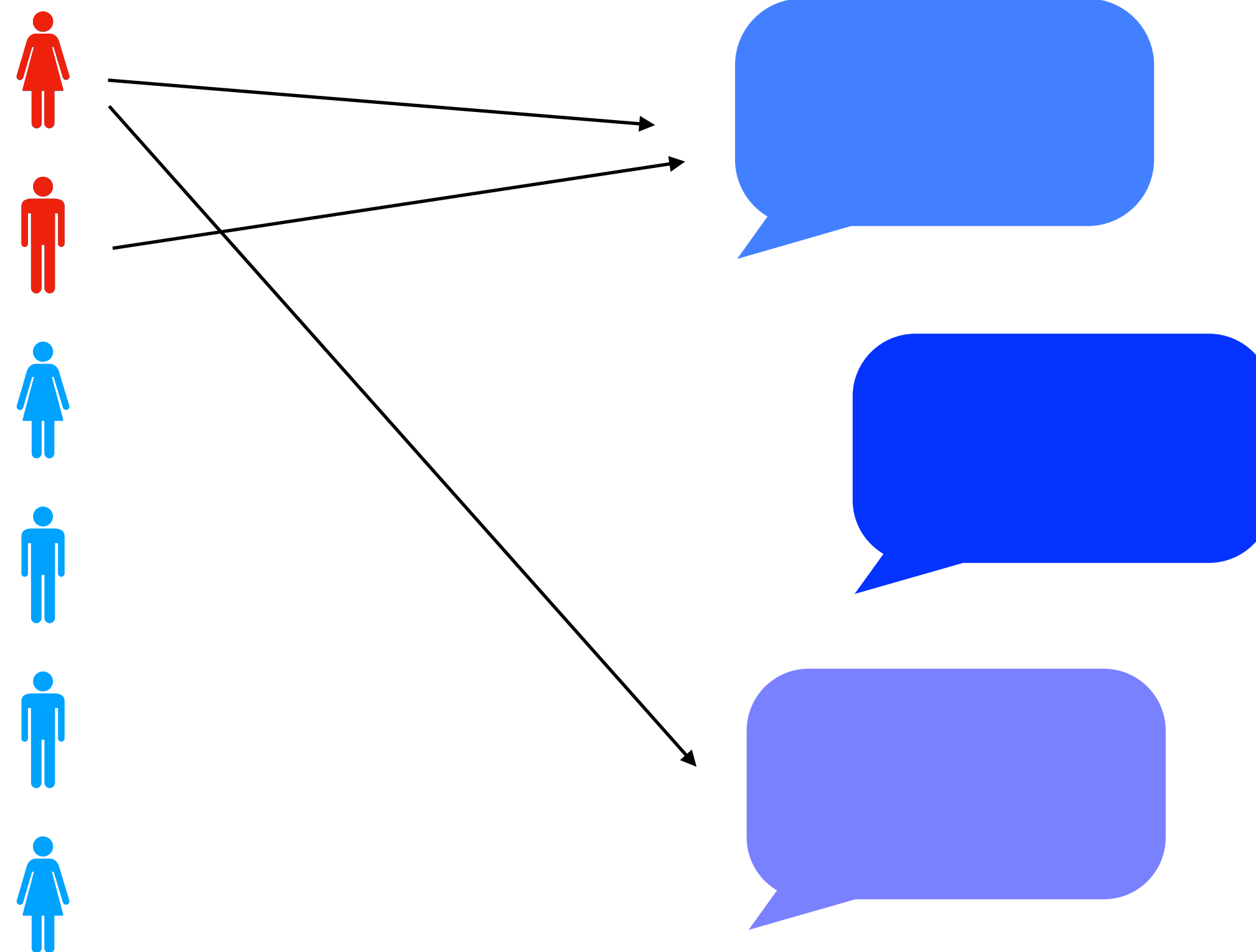
Conversation API ► Create a User

```
curl -X "POST" "https://api.nexmo.com/beta/users" \
  -H 'Authorization: Bearer eyJhb...'\
  -H 'Content-Type: application/json' \
  -d $'{
    "name": "jane",
    "display_name": "Jane"
  }'
```

```
{
  "id": "USR-d7037957-bdc1-4795-b8e2-17857a21f6f1",
  "href": "https://api.nexmo.com/beta/users/USR-d7037957-bdc1-4795-b8e2-17857a21f6f1"
}
```


NaijaDemo

cb9d439f-5c97-42e4-b05c-eacd3980f38d



Conversation API ► Add a User to a Conversation

```
curl -X "POST" "https://api.nexmo.com/beta/conversations/
CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1/members" \
  -H 'Authorization: Bearer eyJhb...' \
  -H 'Content-Type: application/json' \
  -d $'{
    "user_id": "USR-d7037957-bdc1-4795-b8e2-17857a21f6f1",
    "action": "invite",
    "channel": {
      "type": "app"
    }
  }'
```

Conversation API ► Add a User to a Conversation

```
{
  "id": "MEM-f4283a38-ac21-4702-a45f-77f05022db0b",
  "user_id": "USR-d7037957-bdc1-4795-b8e2-17857a21f6f1",
  "name": "jane",
  "display_name": "Jane",
  "state": "INVITED",
  "timestamp": {"invited": "2019-12-06T23:30:27.768Z"},
  "channel": {"type": "app", "legs": [], "leg_ids": []},
  "initiator": {"invited": {"isSystem": true}},
  "href": "https://api.nexmo.com/beta/conversations/CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1/members/MEM-f4283a38-ac21-4702-a45f-77f05022db0b"
}
```


Conversation API ► Retrieve a Conversation

```
curl -X "GET" "https://api.nexmo.com/beta/conversations/CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1" \
-H 'Authorization: Bearer eyJhb...'\
-H 'Content-Type: application/json'
```

```
{
  "uuid": "CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1",
  "name": "C-0001",
  "display_name": "My first conversation",
  "timestamp": {"created": "2019-12-06T18:11:26.420Z"},
  "sequence_number": 0,
  "numbers": [],
  "properties": {"custom_data": {}},
  "members": [],
  "_links": {
    "self": {"href": "https://api.nexmo.com/beta/conversations/CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1"}
  }
}
```



```

{
  "uuid": "CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1",
  "name": "C-0001",
  "display_name": "My Conversation",
  "timestamp": { "created": "2019-12-06T18:11:26.420Z", "updated": "2019-12-06T18:57:01.743Z" },
  "sequence_number": 2,
  "numbers": [],
  "properties": { "custom_data": {} },
  "members": [
    {
      "member_id": "MEM-f4283a38-ac21-4702-a45f-77f05022db0b",
      "user_id": "USR-d7037957-bdc1-4795-b8e2-17857a21f6f1",
      "name": "jane",
      "display_name": "Jane",
      "state": "INVITED",
      "timestamp": { "invited": "2019-12-06T23:30:27.768Z" },
      "invited_by": "USR-d7037957-bdc1-4795-b8e2-17857a21f6f1",
      "channel": { "type": "app", "legs": [], "leg_ids": [] },
      "initiator": { "invited": { "isSystem": true } },
      "media": {
        "audio_settings": { "enabled": false, "earmuffed": false, "muted": false },
        "audio": { "enabled": false, "earmuffed": false, "muted": false }
      }
    }
  ],
  "_links": { "self": { "href": "https://api.nexmo.com/beta/conversations/CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1" } }
}

```

Conversation API ► Join a Conversation

```
curl -X "PUT" "https://api.nexmo.com/beta/conversations/  
CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1/members/MEM-f4283a38-  
ac21-4702-a45f-77f05022db0b" \  
  -H 'Authorization: Bearer eyJhb...\' \  
  -H 'Content-Type: application/json' \  
  -d $'{  
    "user_id": "USR-d7037957-bdc1-4795-b8e2-17857a21f6f1",  
    "action": "join",  
    "channel": {  
      "type": "app"  
    }  
  }'
```

```

{
  "uuid": "CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1",
  "name": "C-0001",
  "display_name": "My Conversation",
  "timestamp": { "created": "2019-12-06T18:11:26.420Z", "updated": "2019-12-06T18:57:01.743Z" },
  "sequence_number": 2,
  "numbers": [],
  "properties": { "custom_data": {} },
  "members": [
    {
      "member_id": "MEM-f4283a38-ac21-4702-a45f-77f05022db0b",
      "user_id": "USR-d7037957-bdc1-4795-b8e2-17857a21f6f1",
      "name": "jane",
      "display_name": "Jane",
      "state": "JOINED",
      "timestamp": { "invited": "2019-12-06T23:30:27.768Z", "joined": "2019-12-07T00:30:44.310Z" },
      "invited_by": "USR-d7037957-bdc1-4795-b8e2-17857a21f6f1",
      "channel": { "type": "app", "legs": [], "leg_ids": [] },
      "initiator": { "invited": { "isSystem": true } },
      "media": {
        "audio_settings": { "enabled": false, "earmuffed": false, "muted": false },
        "audio": { "enabled": false, "earmuffed": false, "muted": false }
      }
    }
  ],
  "_links": { "self": { "href": "https://api.nexmo.com/beta/conversations/CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1" } }
}

```



```

{
  "uuid": "CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1",
  "name": "C-0001",
  "display_name": "My Conversation",
  "timestamp": { "created": "2019-12-06T18:11:26.420Z", "updated": "2019-12-06T18:57:01.743Z" },
  "sequence_number": 2,
  "numbers": [],
  "properties": { "custom_data": {} },
  "members": [
    {
      "member_id": "MEM-f4283a38-ac21-4702-a45f-77f05022db0b",
      "user_id": "USR-d7037957-bdc1-4795-b8e2-17857a21f6f1",
      "name": "jane",
      "display_name": "Jane",
      "state": "JOINED",
      "timestamp": { "invited": "2019-12-06T23:30:27.768Z", "joined": "2019-12-07T00:30:44.310Z" },
      "invited_by": "USR-d7037957-bdc1-4795-b8e2-17857a21f6f1",
      "channel": { "type": "app", "legs": [], "leg_ids": [] },
      "initiator": { "invited": { "isSystem": true } },
      "media": {
        "audio_settings": { "enabled": false, "earmuffed": false, "muted": false },
        "audio": { "enabled": false, "earmuffed": false, "muted": false }
      }
    }
  ],
  "_links": { "self": { "href": "https://api.nexmo.com/beta/conversations/CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1" } }
}

```

```

{
  "uuid": "CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1",
  "name": "C-0001",
  "display_name": "My Conversation",
  "timestamp": { "created": "2019-12-06T18:11:26.420Z", "updated": "2019-12-06T18:57:01.743Z" },
  "sequence_number": 2,
  "numbers": [],
  "properties": { "custom_data": {} },
  "members": [
    {
      "member_id": "MEM-f4283a38-ac21-4702-a45f-77f05022db0b",
      "user_id": "USR-d7037957-bdc1-4795-b8e2-17857a21f6f1",
      "name": "jane",
      "display_name": "Jane",
      "state": "JOINED",
      "timestamp": { "invited": "2019-12-06T23:30:27.768Z", "joined": "2019-12-07T00:30:44.310Z" },
      "invited_by": "USR-d7037957-bdc1-4795-b8e2-17857a21f6f1",
      "channel": { "type": "app", "legs": [], "leg_ids": [] },
      "initiator": { "invited": { "isSystem": true } },
      "media": {
        "audio_settings": { "enabled": false, "earmuffed": false, "muted": false },
        "audio": { "enabled": false, "earmuffed": false, "muted": false }
      }
    }
  ],
  "_links": { "self": { "href": "https://api.nexmo.com/beta/conversations/CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1" } }
}

```

Conversation Events



NaijaDemo

cb9d439f-5c97-42e4-b05c-eacd3980f38d



- conversation:created
- conversation:deleted
- conversation:updated
- text
- text:update
- text:typing:on
- text:typing:off
- audio:ringing:start
- audio:play
- audio:say
- audio:speaking:on
- audio:speaking:off

developer.nexmo.com/conversation/concepts/event

Conversation API ► Events for a Conversation

```
curl -X "GET" "https://api.nexmo.com/beta/conversations/  
CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1/events" \  
  -H 'Authorization: Bearer eyJhb...'\  
  -H 'Content-Type: application/json'
```

```
[
  {
    "id":1,
    "type":"conversation:updated",
    "body": ...,
    "timestamp":"2019-12-06T18:57:01.743Z",
    "href":"https://api.nexmo.com/beta/conversations/CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1/events/1"
  },
  {
    "id":2,
    "type":"member:invited",
    "from":"MEM-f4283a38-ac21-4702-a45f-77f05022db0b",
    "body": ...,
    "timestamp":"2019-12-06T23:30:27.770Z",
    "href":"https://api.nexmo.com/beta/conversations/CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1/events/2"
  },
  {
    "id":3,
    "type":"member:joined",
    "from":"MEM-f4283a38-ac21-4702-a45f-77f05022db0b",
    "body": ...,
    "timestamp":"2019-12-07T00:30:44.313Z",
    "href":"https://api.nexmo.com/beta/conversations/CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1/events/3"
  }
]
```

Conversation API ► Create an Event

```
curl -X "POST" "https://api.nexmo.com/beta/conversations/
CON-9460506a-b0d5-4e17-b24e-cd4a2eedb7e1/events" \
  -H 'Authorization: Bearer eyJhb...'\
  -H 'Content-Type: application/json'\
  -d $' {
    "type": "text",
    "from": "MEM-f4283a38-ac21-4702-a45f-77f05022db0b",
    "body": {
      "text": "Welcome to NaijaHacks!"
    }
  } '
```




nexmo-cli

Server SDKs

- nexmo-node
- nexmo-php
- nexmo-python
- nexmo-ruby
- nexmo-dotnet
- nexmo-java

Client SDKs

- Android SDK
- iOS SDK
- JavaScript SDK

Resources

- developer.nexmo.com
- github.com/nexmo-community
- nexmo-community.slack.com
- support@nexmo.com
- devrel@nexmo.com

- **naijahacks2019**.slack.com
#company-nexmo
- app.sli.do/event/tx20dhmp

Thank you!

