

dexatël

Dexatel Messaging Integration API

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Revision History

Version	Date	Description
1.0	01/03/2022	Initial version

Introduction

Dexatel Messaging API is a REST API intended to add different messaging capabilities to applications and websites. By integrating Dexatel REST API, users can communicate with their customers by sending both transactional and marketing messages with preferred channels. Messages can be sent from the user's company name, short codes, or any rented phone number. In addition, every message sent through Dexatel Messaging API has its unique ID allowing to get information about message delivery status.

This documentation contains the description of V1 REST API functionality, namely specifies public URLs and set of properties for each URL, provides examples of request and response bodies for each REST method. Additionally, the list of corresponding error codes and statuses with a description is given at the end of each section.

Target Audience

This document aims at developers who integrate Dexatel Messaging API.

Security Check

Authorization

For secure authorization, an API key is used, which is generated in the dashboard.

Signature

Dexatel signs every webhook request message sent to the user. The signature of each message is computed using the **HMAC_SHA256 hashing algorithm**, which takes the **payload of the webhook**, signs with the **secret**, and sends the computed hash code in the **X-Dexatel-Signature** header of the request.

Account

Account-related data is managed by account endpoints. Data privacy is properly handled.

Method: Read

Operation gets the details of the account.

URL	v1/accounts/self v1/accounts/{account_id}
Method Type	GET
Authorization	API Key
Request Content-Type	-
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Response Parameters

Name	Type	Description
data	object	Details of the account (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the account
username	string	User's email
first_name	string	User's first name
last_name	string	User's last name
tax_rate	double	Tax rate
currency	string	User's currency (USD, EUR)
hlr_check	boolean	Is HLR check enabled or not

phone_number	string	User's phone number
mnp_check	boolean	Is MNP check enabled or not
mnp_countries	list<string>	Countries for which the MNP is enabled
roles	list<string>	User's roles
create_date	string	Creation date of the account in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the account in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Account-related links (see Links object below)

Links object

Name	Type	Description
self	string	URL of the account

Example of Read method request body

```
GET: /v1/accounts/72e47e47-95b9-41c2-bdcd-55dd9bb04e14
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Read method response body

```
status - 200
{
  "data": {
    "id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "username": "test@dexatel.com",
    "first_name": "Test",
    "last_name": "User",
    "tax_rate": 14.0,
    "currency": "USD",
    "hlr_check": true,
    "phone_number": "+1 323 238 0627",
    "mnp_check": true,
    "mnp_countries": [
      "us"
    ],
    "roles": [
      "USER"
    ],
    "create_date": "2022-03-01 12:56:33",
    "update_date": "2022-03-01 13:13:07",
```



```
"links": {  
  "self": "https://api.dexatel.com/v1/accounts/72e47e47-95b9-41c2-bdcd-55dd9bb04e14"  
}  
}  
}
```

Error Codes

The following error codes are returned in response to a user's request which contains bad syntax or cannot be fulfilled.

Code	Description
1101	Invalid token
1102	Account not found
1103	'data' is required
1104	'data.username' is required
1105	'data.password' is required
1106	'data.currency' should be in: [USD, EUR]
1107	'data.currency' cannot be modified
1108	Account with the specified username exists
1109	'email' is required
1110	Verification code not found
1111	'data.first_name' is required
1112	'data.last_name' is required
1113	'email' is required
1114	'new_password' is required
1115	'social_network' is required
1116	Invalid social network or token passed
1117	Social network not supported
1118	'data' is required
1119	The username should be a valid email address
1120	Account verification data not found
1121	'data.use_case_id' is required
1122	'data.text_examples' is required
1123	'data.destinations' is required
1124	'data.destinations' should not be empty
1125	Verification code not valid
1126	The password should be at least 8 character long and contain at least 1 digit and one uppercase letter

Webhook

Webhooks are user-defined HTTP callbacks. If the user sets up a webhook for an event, and that event occurs, the platform fires a webhook to inform the user and to get verification. Learn more about webhook and its functions [here](#).

Webhook communication is made by sending an HTTP request from the Dexatel Platform to a user’s application. When an event occurs in the Dexatel Platform an HTTP request, that might contain user data relating to the event, is triggered. This HTTP request is sent to the user’s application’s endpoint. This is the endpoint set by the user for webhook requests to be sent to. The endpoint is often referred to as the webhook URL.

Webhook endpoints are meant to configure the webhooks of the account.

Method: Create

Operation creates a new webhook for the account. There can be only one webhook for each event type.

URL	v1/webhooks
Method Type	POST
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description	Status
data	object	Details of the webhook (see Data object below)	Required

Data object

Name	Type	Description	Status
event	string	Event type for which the webhook is fired. Possible values: <ul style="list-style-type: none"> message - the webhook will be fired in case of an inbound message delivery - the webhook will be fired in case of an available delivery report 	Required
url	string	Payload URL to which the webhook request is sent	Required
secret	string	Webhook secret to sign the payload	Optional

Response Parameters

Name	Type	Description
data	object	Details of the webhook (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the webhook
account_id	string (uuid)	Unique identifier of the account
url	string	Payload URL to which the webhook request is sent
secret	string	Webhook secret to sign the payload
event	string	Event type for which the webhook is fired. Possible values: <ul style="list-style-type: none"> message - the webhook will be fired in case of an inbound message delivery - the webhook will be fired in case of an available delivery report
create_date	string	Creation date of the webhook in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the webhook in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Webhook-related links (see Links object below)

Links object

Name	Type	Description
self	string	URL of the webhook
account	string	URL of the account

Example of Create method request body

```
POST: /v1/webhooks
X-Dexatel-Key:94d2f2f2884848bca861264ad86d8ace
Content-Type: application/json
{
  "data": {
    "event": "message",
    "url": "https://client.requestcatcher.com/messages",
    "secret": "sec_key"
  }
}
```

Example of Create method response body

```
status - 201
{
  "data": {
    "id": "48e200b7-be98-4360-b5c7-5dfac16b06f9",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "url": "https://gabriella.biz",
    "secret": "secret4",
    "event": "DELIVERY",
    "create_date": "2022-03-02 08:10:39",
    "update_date": "2022-03-02 08:10:39",
    "links": {
      "self": "https://api.dexatel.com/v1/webhooks/48e200b7-be98-4360-b5c7-5dfac16b06f9",
      "account": "https://api.dexatel.com/v1/accounts/self"
    }
  }
}
```

Method: Update

Operation updates the details of the webhook.

URL	v1/webhooks/{webhook_id}
Method Type	PUT
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description	Status
data	object	Details of the webhook (see Data object below)	Required

Data object

Name	Type	Description	Status
url	string	Payload URL to which the webhook request is sent	Optional
secret	string	Webhook secret to sign the payload	Required

Response Parameters

Name	Type	Description
data	object	Details of the webhook (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the webhook
account_id	string (uuid)	Unique identifier of the account

url	string	Payload URL to which the webhook request is sent
secret	string	Webhook secret to sign the payload
event	string	Event type for which the webhook is fired. Possible values: <ul style="list-style-type: none"> message - the webhook will be fired in case of an inbound message delivery - the webhook will be fired in case of an available delivery report
create_date	string	Creation date of the webhook in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the webhook in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Webhook-related links (see Links object below)

Links object

Name	Type	Description
self	string	URL of the webhook
account	string	URL of the account

Example of Update method request body

```
PUT: /v1/webhooks/48e200b7-be98-4360-b5c7-5dfac16b06f9
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
Content-Type: application/json
{
  "data": {
    "url": "https://client.requestcatcher.com/messages",
    "secret": "sec_key"
  }
}
```

Example of Update method response body

```
status - 200
{
  "data": {
    "id": "48e200b7-be98-4360-b5c7-5dfac16b06f9",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "url": "https://jayson.com",
    "secret": "Tuna",
    "event": "DELIVERY",
  }
}
```

```
"create_date": "2022-03-02 08:10:39",
"update_date": "2022-03-02 08:17:35",
"links": {
  "self": "https://api.dexatel.com/v1/webhooks/48e200b7-be98-4360-b5c7-5dfac16b06f9",
  "account": "https://api.dexatel.com/v1/accounts/self"
}
}
```


Method: Delete

Operation deletes the webhook.

URL	v1/webhooks/{webhook_id}
Method Type	DELETE
Authorization	API Key
Request Content-Type	-
Response Content-Type	-

Request Parameters

There are no request parameters.

Response Parameters

There are no response parameters.

Example of Delete method request body

```
DELETE: /v1/webhooks/48e200b7-be98-4360-b5c7-5dfac16b06f9
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Delete method response body

```
status - 204
```

Method: Read

Operation gets the details of the webhook.

URL	v1/webhooks/{webhook_id}
Method Type	GET
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Response Parameters

Name	Type	Description
data	object	Details of the webhook (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of webhook
account_id	string (uuid)	Unique identifier of account
url	string	Payload URL to which the webhook request is sent
secret	string	Webhook secret to sign the payload
event	string	Event type for which the webhook is fired. Possible values: <ul style="list-style-type: none"> message - the webhook will be fired in case of an inbound message delivery - the webhook will be fired in case of an available delivery report
create_date	string	Creation date of the webhook in UTC, formatted as yyyy-MM-dd HH:mm:ss

update_date	string	Update date of the webhook in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Webhook-related links (see Links object below)

Links object

Name	Type	Description
self	string	URL of the webhook
account	string	URL of the account

Example of Read method request body

```
GET: /v1/webhooks/48e200b7-be98-4360-b5c7-5dfac16b06f9
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Read method response body

```
status - 200
{
  "data": {
    "id": "48e200b7-be98-4360-b5c7-5dfac16b06f9",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "url": "https://mae.name",
    "secret": "secret4",
    "event": "DELIVERY",
    "create_date": "2022-03-02 08:29:21",
    "update_date": "2022-03-02 08:29:21",
    "links": {
      "self": "https://api.dexatel.com/v1/webhooks/48e200b7-be98-4360-b5c7-5dfac16b06f9",
      "account": "https://api.dexatel.com/v1/accounts/self"
    }
  }
}
```

Method: Query

Operation to query all webhooks.

URL	v1/webhooks
Method Type	GET
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Response Parameters

Name	Type	Description
data	list<object>	Details of the webhook (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of object
account_id	string (uuid)	Unique identifier of account
url	string	Payload URL to which the webhook request is sent
secret	string	Webhook secret to sign the payload
event	string	Event type for which the webhook is fired. Possible values: <ul style="list-style-type: none"> message - the webhook will be fired in case of an inbound message delivery - the webhook will be fired in case of an available delivery report
create_date	string	Creation date of the webhook in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the webhook in UTC, formatted as yyyy-MM-dd HH:mm:ss

Example of Query method request body

```
GET: /v1/webhooks
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Query method response body

```
status - 200
{
  "data": [
    {
      "id": "48e200b7-be98-4360-b5c7-5dfac16b06f9",
      "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
      "url": "https://mae.name",
      "secret": "secret4",
      "event": "DELIVERY",
      "create_date": "2022-03-02 08:29:21",
      "update_date": "2022-03-02 08:29:21"
    },
    {
      "id": "c108da42-bd40-4137-b352-1c31d47001cf",
      "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
      "url": "https://jayden.info",
      "secret": "secret5",
      "event": "MESSAGE",
      "create_date": "2022-03-02 08:30:03",
      "update_date": "2022-03-02 08:30:03"
    }
  ]
}
```

Error Codes

The following error codes are returned in response to a user's request which contains bad syntax or cannot be fulfilled.

Code	Description
1201	Webhook is not found
1202	No Webhook found for the account
1203	'data' is required
1204	'data.url' is required
1205	'data.secret' is required
1206	'data.event' is required
1207	'data.event' values should be in: [MESSAGE, DELIVERY]
1208	'data.url' is too long

Template

Templates are created for sending messages to larger groups of contacts (audience). Using templates multiple times will save time in creating campaigns. Furthermore, each recipient will receive personalized messages even when the templates are applied.

Method: Create

Operation creates a new template for the account.

URL	v1/templates
Method Type	POST
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description	Status
data	object	Details of the template (see Data object below)	Required

Data object

Name	Type	Description	Status
name	string	Name (unique identifier) of the template	Optional
text	string	Text of the template with variables	Required
channel	string	Channel for which the template can be used for. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp For example, if the template is created for the SMS or Viber channels, it cannot be used for the WhatsApp campaigns and vice versa	Required

Response Parameters

Name	Type	Description
data	object	Details of the template (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the template
account_id	string (uuid)	Unique identifier of the account
name	string	Name (unique identifier) of the template
text	string	Text of the template with variables
channel	string	Channel for which the template can be used for. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp For example, if the template is created for the SMS or Viber channels, it cannot be used for the WhatsApp campaigns and vice versa
create_date	string	Creation date of the template in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the template in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Template-related links (see Links object below)

Links object

Name	Type	Description
self	string	URL of the template
account	string	URL of the account

Example of Create method request body

```
POST: /v1/templates
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
Content-Type: application/json
{
  "data": {
```



```
"name": "appointment",
"text": "Hi {first_name}, you have an appointment at {timestamp}",
"channel": "sms"
}
}
```

Example of Create method response body

```
status - 201
{
  "data": {
    "id": "7c400ce5-1546-47b9-9a72-71f3a2615590",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "name": "template-1",
    "text": "compressing Village Frozen backing",
    "channel": "SMS",
    "create_date": "2022-03-02 08:43:08",
    "update_date": "2022-03-02 08:43:08",
    "links": {
      "self": "https://api.dexatel.com/v1/templates/7c400ce5-1546-47b9-9a72-71f3a2615590",
      "account": "https://api.dexatel.com/v1/accounts/self"
    }
  }
}
```

Method: Update

Operation updates the details of the template.

URL	v1/templates/{template_id}
Method Type	PUT
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description	Status
data	object	Details of the template (see Data object below)	Required

Data object

Name	Type	Description	Status
name	string	Name (unique identifier) of the template	Optional
text	string	Text of the template with variables	Optional

Response Parameters

Name	Type	Description
data	object	Details of the template (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the template
account_id	string (uuid)	Unique identifier of the account

name	string	Name (unique identifier) of the template
text	string	Text of the template with variables
channel	string	Channel for which the template can be used for. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp For example, if the template is created for the SMS or Viber channels, it cannot be used for the WhatsApp campaigns and vice versa
create_date	string	Creation date of the template in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the template in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Template-related links (see Links object below)

Links object

Name	Type	Description
self	string	URL of the template
account	string	URL of the account

Example of Update method request body

```
PUT: /v1/templates/28d35477-82b7-4a72-b746-49ed37839aaf
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
Content-Type: application/json
{
  "data": {
    "name": "Division",
    "text": "Dear {first_name} {last_name}, please be informed that you have an appointment on {date}"
  }
}
```

Example of Update method response body

```
status - 200
{
  "data": {
    "id": "28d35477-82b7-4a72-b746-49ed37839aaf",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "name": "Division",
    "text": "Dear {first_name} {last_name}, please be informed that you have an appointment on {date}",
    "channel": "SMS",
  }
}
```

```
"create_date": "2022-03-02 08:50:14",  
"update_date": "2022-03-03 07:59:29",  
"links": {  
  "self": "https://api.dexatel.com/v1/templates/28d35477-82b7-4a72-b746-49ed37839aaf",  
  "account": "https://api.dexatel.com/v1/accounts/self"  
}  
}  
}
```

Method: Delete

Operation deletes the template.

URL	v1/template/{template_id}
Method Type	DELETE
Authorization	API Key
Request Content-Type	-
Response Content-Type	-

Request Parameters

There are no request parameters.

Response Parameters

There are no response parameters.

Example of Delete method request body

```
DELETE: /v1/templates/28d35477-82b7-4a72-b746-49ed37839aaf
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Delete method request body

```
status - 204
```

Method: Read

Operation gets the details of the template.

URL	v1/template/{template_id}
Method Type	GET
Authorization	API Key
Request Content-Type	-
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Response Parameters

Name	Type	Description
data	object	Details of the template (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the template
account_id	string (uuid)	Unique identifier of the account
name	string	Name (unique identifier) of the template
text	string	Text of the template with variables
channel	string	Channel for which the template can be used for. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp For example, if the template is created for the SMS or Viber channels, it cannot be used for the WhatsApp campaigns and vice versa
create_date	string	Creation date of the template in UTC, formatted as yyyy-MM-dd HH:mm:ss

update_date	string	Update date of the template in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Template-related links (see Links object below)

Links object

Name	Type	Description
self	string	URL of the template
account	string	URL of the account

Example of Read method request body

```
GET: /v1/templates/28d35477-82b7-4a72-b746-49ed37839aaf
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Read method response body

```
status - 200
{
  "data": {
    "id": "28d35477-82b7-4a72-b746-49ed37839aaf",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "name": "template-3",
    "text": "COM Functionality backing Coordinator",
    "channel": "SMS",
    "create_date": "2022-03-02 08:50:14",
    "update_date": "2022-03-02 08:50:14",
    "links": {
      "self": "https://api.dexatel.com/v1/templates/28d35477-82b7-4a72-b746-49ed37839aaf",
      "account": "https://api.dexatel.com/v1/accounts/self"
    }
  }
}
```

Method: Query

Operation to query all templates.

URL	v1/templates
Method Type	GET
Authorization	API Key
Request Content-Type	-
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Query Parameters

Name	Type	Description
page_token	string	Token with the encoded pagination details
page_size	integer	Number of records to be retrieved

Response Parameters

Name	Type	Description
data	list<object>	Details of the template (see Data object below)
pagination	object	Details of the pagination (see Pagination object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the template
account_id	string (uuid)	Unique identifier of the account
name	string	Name (unique identifier) of the template
text	string	Text of the template with variables

channel	string	Channel for which the template can be used for. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp For example, if the template is created for the SMS or Viber channels, it cannot be used for the WhatsApp campaigns and vice versa
create_date	string	Creation date of the template in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the template in UTC, formatted as yyyy-MM-dd HH:mm:ss

Pagination object

Name	Type	Description
number	integer	Current page number
size	integer	Size of the page
total	integer	Total amount of the records
links	object	Pagination related links (see pagination Links object below)

Links object

Name	Type	Description
first	string	Link for the first page
current	string	Link for the current page
next	string	Link for the next page
previous	string	Link for the previous page

Example of query method request body

```
GET: /v1/templates
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Query method response body

```
status - 200
{
  "data": [
    {
```

```
"id": "28d35477-82b7-4a72-b746-49ed37839aaf",
"account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
"name": "template-3",
"text": "COM Functionality backing Coordinator",
"channel": "SMS",
"create_date": "2022-03-02 08:50:14",
"update_date": "2022-03-02 08:50:14"
},
{
  "id": "7c400ce5-1546-47b9-9a72-71f3a2615590",
  "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
  "name": "template-1",
  "text": "compressing Village Frozen backing",
  "channel": "SMS",
  "create_date": "2022-03-02 08:43:08",
  "update_date": "2022-03-02 08:43:08"
}
],
"pagination": {
  "number": 1,
  "size": 10,
  "total": 2,
  "links": {
    "first": "https://api.dexatel.com/v1/templates",
    "current": "https://api.dexatel.com/v1/templates"
  }
}
}
```

Error Codes

The following error codes are returned in response to a user's request which contains bad syntax or cannot be fulfilled.

Code	Description
1251	Template not found
1253	'data' is required
1254	'data.text' is required
1255	'data.text' is invalid
1256	'data.channel' is required
1257	'data.channel' value should be: [SMS, VIBER, WHATSAPP]
1258	'data.name' should be unique
1259	'data.name' is invalid
1260	'data.text' is too long

Audience

An audience is a group of contacts that can be targeted in the same campaign. The audiences and the contacts of the audiences are managed by the user through Audience API.

Audience endpoints are meant to control the audiences of the accounts.

Method: Create

Operation creates a new audience for the account.

URL	v1/audiences
Method Type	POST
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description	Status
data	object	Details of the audience (see Data object below)	Required

Data object

Name	Type	Description	Status
name	string	Name (unique identifier) of the audience	Default
channel	string	Channel to which contacts belong. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp 	Default
contacts	list<object>	Contacts list of the audience (see Contacts object below)	Optional

Contacts object

Name	Type	Description	Status
number	string (did)	Phone number of the contact	Required
first_name	string	First name of the contact	Optional
last_name	string	Last name of the contact	Optional
timestamp	string	Timestamp value	Optional
date	string	Date value to customize messages per contact	Optional
tags	list<string>	List of tags to differentiate and filter the users	Optional

Response Parameters

Name	Type	Description
data	object	Details of the audience (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the audience
account_id	string (uuid)	Unique identifier of the account
name	string	Name (unique identifier) of the audience
channel	string	Channel to which contacts belong. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp
contacts_count	integer	Number of contacts
create_date	string	Creation date of the audience in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the audience in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Audience-related links (see Links object below)

Links object

Name	Type	Description
self	string	URL of the audience
account	string	URL of the account
contacts	string	URL of the contacts

Example of Create method request body

```
POST: /v1/audiences
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
Content-Type: application/json
{
  "data": {
    "name": "Analyst",
    "channel": "sms",
    "contacts": [
      {
        "number": "18509042059",
        "first_name": "Earnest",
        "last_name": "Auer",
        "timestamp": "2022-01-01 12:00:00",
        "date": "2021-01-01",
        "tags": [
          "male",
          "adult"
        ]
      },
      {
        "number": "13156156710",
        "first_name": "Alfreda",
        "last_name": "Heathcote",
        "timestamp": "2020-01-01 12:00:00",
        "date": "2020-01-01",
        "tags": [
          "female",
          "adult"
        ]
      }
    ]
  }
}
```

Example of Create method response body

```
status - 201
{
  "data": {
    "id": "22089fd7-7b74-4815-8452-3a8e864affbc",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "name": "Delaware",
    "channel": "sms",
    "contacts_count": 2,
    "create_date": "2022-03-03 08:16:18",
    "update_date": "2022-03-03 08:16:18",
    "links": {
      "self": "https://api.dexatel.com/v1/audiences/22089fd7-7b74-4815-8452-3a8e864affbc",
      "account": "https://api.dexatel.com/v1/accounts/self",
      "contacts": "https://api.dexatel.com/v1/audiences/22089fd7-7b74-4815-8452-3a8e864affbc/contacts"
    }
  }
}
```

Method: Update

Operation updates the audience details

URL	v1/audiences/{audience_id}
Method Type	PUT
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description	Status
data	object	Details of the audience (see Data object below)	Required

Data object

Name	Type	Description	Status
name	string	Name (unique identifier) of the audience	Required

Response Parameters

Name	Type	Description
data	object	Details of the audience (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the audience
account_id	string (uuid)	Unique identifier of the account
name	string	Name (unique identifier) of the audience
text	string	Text of the template with variables

channel	string	Channel to which contacts belong. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp
contacts_count	integer	Number of contacts
create_date	string	Creation date of the audience in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the audience in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Audience -related links (see Links object below)

Links object

Name	Type	Description
self	string	URL of the audience
account	string	URL of the account
contacts	string	URL of the contacts

Example of Update method request body

```
PUT: /v1/audiences/22089fd7-7b74-4815-8452-3a8e864affbcX-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
Content-Type: application/json
{
  "data": {
    "name": "input"
  }
}
```

Example of Update method request body

```
status - 200
{
  "data": {
    "id": "22089fd7-7b74-4815-8452-3a8e864affbc",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "name": "input",
    "channel": "sms",
    "contacts_count": 2,
    "create_date": "2022-03-03 08:16:18",
    "update_date": "2022-03-03 08:16:18",
    "links": {
      "self": "https://api.dexatel.com/v1/audiences/22089fd7-7b74-4815-8452-3a8e864affbc",
```

```
"account": "https://api.dexatel.com/v1/accounts/self",  
  "contacts": "https://api.dexatel.com/v1/audiences/22089fd7-7b74-4815-8452-3a8e864affbc/contacts"  
}  
}  
}
```

Method: Delete

Operation deletes the audience.

URL	v1/audiences/{audience_id}
Method Type	DELETE
Authorization	API Key
Request Content-Type	-
Response Content-Type	-

Request Parameters

There are no request parameters.

Response Parameters

There are no response parameters.

Example of Delete method request body

```
DELETE: /v1/audiences/22089fd7-7b74-4815-8452-3a8e864affbc
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Delete method response body

```
status - 204
```

Method: Read

Operation gets the details of the audience.

URL	v1/audiences/{audience_id}
Method Type	GET
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Response Parameters

Name	Type	Description
data	object	Details of the audience (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the audience
account_id	string (uuid)	Unique identifier of the account
name	string (identifier)	Name (unique identifier) of the audience
channel	string	Channel to which contacts belong. Possible values: <ul style="list-style-type: none"> sms viber whatsapp
contacts_count	integer	Number of contacts
create_date	string	Creation date of the audience in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the audience in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Audience-related links (see Links object below)

Links object

Name	Type	Description
self	string	URL of the audience
account	string	URL of the account
contacts	string	URL of the contacts

Example of Read method request body

```
GET: /v1/audiences/22089fd7-7b74-4815-8452-3a8e864affbc
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Read method response body

```
status - 200
{
  "data": {
    "id": "22089fd7-7b74-4815-8452-3a8e864affbc",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "name": "Delaware",
    "channel": "sms",
    "contacts_count": 2,
    "create_date": "2022-03-03 08:16:18",
    "update_date": "2022-03-03 08:16:18",
    "links": {
      "self": "https://api.dexatel.com/v1/audiences/22089fd7-7b74-4815-8452-3a8e864affbc",
      "account": "https://api.dexatel.com/v1/accounts/self",
      "contacts": "https://api.dexatel.com/v1/audiences/22089fd7-7b74-4815-8452-3a8e864affbc/contacts"
    }
  }
}
```

Method: Query

Operation to query all audiences of the account.

URL	v1/audiences
Method Type	GET
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Query Parameters

Name	Type	Description
page_token	string	Token with the encoded pagination details
page_size	integer	Number of records to be retrieved

Response Parameters

Name	Type	Description
data	list<object>	Details of the audience (see Data object below)
pagination	object	Details of the pagination (see Pagination object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the audience
account_id	string (uuid)	Unique identifier of the account
name	string	Name (unique identifier) of the audience

channel	string	Channel to which contacts belong. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp
create_date	string	Creation date of the audience in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the audience in UTC, formatted as yyyy-MM-dd HH:mm:ss

Pagination object

Name	Type	Description
number	integer	Current page number
size	integer	Size of the page
total	integer	Total amount of the records
links	object	Pagination related links (see pagination Links object below)

Links object

Name	Type	Description
first	string	Link for the first page
current	string	Link for the current page
next	string	Link for the next page
previous	string	Link for the previous page

Example of Query method request body

```
GET: /v1/audiences
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Query method response body

```
status - 200
{
  "data": [
    {
      "id": "22089fd7-7b74-4815-8452-3a8e864affbc",
      "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
```

```
    "name": "Delaware",
    "channel": "sms",
    "create_date": "2022-03-03 08:16:18",
    "update_date": "2022-03-03 08:16:18"
  }
],
"pagination": {
  "number": 1,
  "size": 20,
  "total": 1,
  "links": {
    "current": "https://api.dexatel.com/v1/audiences?page_size=20",
    "first": "https://api.dexatel.com/v1/audiences?page_size=20"
  }
}
}
```


Error Codes

The following error codes are returned in response to a user's request which contains bad syntax or cannot be fulfilled.

Code	Description
1301	Audience is not found
1302	Invalid audience identifier
1303	'data.audience' name is required
1304	'data.name' is invalid
1305	'data.name' is too long
1306	'data.channel' is missing
1307	'data.channel' should be in: [SMS, WHATSAPP, VIBER]
1308	'data.contacts' must be at most [10] items in length
1309	Audience already exists

Contact

Contact endpoints are meant to manage the contacts of the audience. A contact is a phone number in the audience having personal details that are valid only in the scope of the audience.

Method: Create

Operation creates a new contact in the audience.

URL	v1/audiences/{audience_id}/contacts
Method Type	POST
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description	Status
data	object	Details of the contacts (see Data object below)	Required

Data object

Name	Type	Description	Status
number	string (did)	Phone number of the contact	Required
first_name	string	First name of the contact	Optional
last_name	string	Last name of the contact	Optional
timestamp	string	Timestamp value	Optional
date	string	Date value to customize messages per contact	Optional
tags	list<string>	List of tags to differentiate the users	Optional

Response Parameters

Name	Type	Description
data	object	Details of the contact (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the contact
account_id	string (uuid)	Unique identifier of the account
audience_id	string(uuid)	Unique identifier of the audience
number	string (did)	Phone number of the contact
first_name	string	First name of the contact
last_name	string	Last name of the contact
timestamp	string	Timestamp value
date	string	Date value to customize messages per contact
create_date	string	Creation date of the contact in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the contact in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Contact-related links (see Links object below)

Links object

Name	Type	Description
self	string	URL of the contact
account	string	URL of the account
audience	string	URL of the audience

Example of Create method request body

```
POST: /v1/audiences/76051e91-7ef0-4581-843e-923c4bac206f/contacts
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

```
Content-Type: application/json
{
  "data": {
    "number": "17088407149",
    "first_name": "Dan",
    "last_name": "Davis",
    "timestamp": "2022-01-01 12:00:00",
    "date": "2021-01-01",
    "tags": [
      "male",
      "adult"
    ]
  }
}
```

Example of Create method response body

```
status - 201
{
  "data": {
    "id": "fe84f52d-d05e-4af6-b93a-08dc0110f536",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "audience_id": "76051e91-7ef0-4581-843e-923c4bac206f",
    "number": "17088407149",
    "first_name": "Dan",
    "last_name": "Davis",
    "timestamp": "2022-01-01 12:00:00",
    "date": "2021-01-01",
    "create_date": "2022-03-03 09:07:36",
    "update_date": "2022-03-03 09:07:36",
    "links": {
      "self": "https://api.dexatel.com/v1/audiences/76051e91-7ef0-4581-843e-923c4bac206f/contacts/fe84f52d-d05e-4af6-b93a-08dc0110f536",
      "account": "https://api.dexatel.com/v1/accounts/self",
      "audience": "https://api.dexatel.com/v1/audiences/76051e91-7ef0-4581-843e-923c4bac206f"
    }
  }
}
```

Method: Update

Operation updates the details of the contact.

URL	v1/audiences/{audience_id}/contacts/{contact_id}
Method Type	PUT
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description	Status
data	object	Details of the contact (see Data object object)	Required

Data object

Name	Type	Description	Status
first_name	string	First name of the contact	Optional
last_name	string	Last name of the contact	Optional
timestamp	string	Timestamp value	Optional
date	string	Date value to customize messages per contact	Optional

Response Parameters

Name	Type	Description
data	object	Details of the audience (see Data object data)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the contact
account_id	string (uuid)	Unique identifier of the account
audience_id	string (uuid)	Unique identifier of the audience
number	string (did)	Phone number of the contact
first_name	string	First name of the contact
last_name	string	Last name of the contact
timestamp	string	Timestamp value
date	string	Date value to customize messages per contact
create_date	string	Creation date of the contact in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the contact in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Contact-related links (see Links object below)

Links object

Name	Type	Description
self	string	URL of the contact
account	string	URL of the account
audience	string	URL of the audience

Example of Update method request body

```
PUT: /v1/audiences/76051e91-7ef0-4581-843e-923c4bac206f/contacts/fe84f52d-d05e-4af6-b93a-08dc0110f536
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
Content-Type: application/json
{
  "data": {
    "first_name": "Veda",
    "last_name": "Wisoky",
    "timestamp": "2020-01-01 12:00:00",
```

```
"date": "2020-01-01"  
}  
}
```

Example of Update method response body

```
status - 200  
{  
  "data": {  
    "id": "fe84f52d-d05e-4af6-b93a-08dc0110f536",  
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",  
    "audience_id": "76051e91-7ef0-4581-843e-923c4bac206f",  
    "first_name": "Veda",  
    "last_name": "Wisoky",  
    "timestamp": "2020-01-01 12:00:00",  
    "date": "2020-01-01",  
    "create_date": "2022-03-03 09:07:36",  
    "update_date": "2022-03-03 09:07:36",  
    "links": {  
      "self": "https://api.dexatel.com/v1/audiences/76051e91-7ef0-4581-843e-923c4bac206f/contacts/fe84f52d-d05e-4af6-b93a-08dc0110f536",  
      "account": "https://api.dexatel.com/v1/accounts/self",  
      "audience": "https://api.dexatel.com/v1/audiences/76051e91-7ef0-4581-843e-923c4bac206f"  
    }  
  }  
}
```

Method: Delete

Operation deletes the contact.

URL	v1/audiences/{audience_id}/contacts/{contact_id}
Method Type	DELETE
Authorization	API Key
Request Content-Type	-
Response Content-Type	-

Request Parameters

There are no request parameters.

Response Parameters

There are no response parameters.

Example of Delete method request body

```
DELETE: /v1/audiences/76051e91-7ef0-4581-843e-923c4bac206f/contacts/fe84f52d-d05e-4af6-b93a-08dc0110f536
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Delete method request body

```
status - 204
```


Method: Read

Operation gets the details of the contact.

URL	v1/audiences/{audience_id}/contacts/{contact_id}
Method Type	GET
Authorization	API Key
Request Content-Type	-
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Response Parameters

Name	Type	Description
data	object	Details of the audience (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the contact
account_id	string (uuid)	Unique identifier of the account
audience_id	string (uuid)	Unique identifier of the audience
number	string (did)	Phone number of the contact
first_name	string	First name of the contact
last_name	string	Last name of the contact
timestamp	string	Timestamp value
date	string	Date value to customize messages per contact
create_date	string	Creation date of the contact in UTC, formatted as yyyy-MM-dd HH:mm:ss

update_date	string	Update date of the contact in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Contact-related links (see Links object below)

Links object

Name	Type	Description
self	string	URL of the contact
account	string	URL of the account
audience	string	URL of the audience

Example of Read method request body

```
GET: /v1/audiences/76051e91-7ef0-4581-843e-923c4bac206f/contacts/fe84f52d-d05e-4af6-b93a-08dc0110f536
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Read method response body

```
status - 200
{
  "data": {
    "id": "fe84f52d-d05e-4af6-b93a-08dc0110f536",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "audience_id": "76051e91-7ef0-4581-843e-923c4bac206f",
    "number": "17088407149",
    "first_name": "Dan",
    "last_name": "Davis",
    "create_date": "2022-03-03 09:07:36",
    "update_date": "2022-03-03 09:07:36",
    "links": {
      "self": "https://api.dexatel.com/v1/audiences/76051e91-7ef0-4581-843e-923c4bac206f/contacts/fe84f52d-d05e-4af6-b93a-08dc0110f536",
      "account": "https://api.dexatel.com/v1/accounts/self",
      "audience": "https://api.dexatel.com/v1/audiences/76051e91-7ef0-4581-843e-923c4bac206f"
    }
  }
}
```

Method: Query

Operation to query all contacts of the audience.

URL	v1/audiences/{audience_id}/contacts
Method Type	GET
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Query Parameters

Name	Type	Description
page_token	string	Token with the encoded pagination details
page_size	integer	Number of records to be retrieved

Response Parameters

Name	Type	Description
data	list<object>	Details of the audience (see Data object below)
pagination	object	Details of the pagination (see Pagination object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the contact
account_id	string (uuid)	Unique identifier of the account
audience_id	string(uuid)	Unique identifier of the audience
number	string (did)	Phone number of the contact

first_name	string	First name of the contact
last_name	string	Last name of the contact
timestamp	string	Timestamp value
date	string	Date value to customize messages per contact

Pagination object

Name	Type	Description
number	integer	Current page number
size	integer	Size of the page
total	integer	Total amount of the records
links	object	Pagination related links (see pagination Links object below)

Links object

Name	Type	Description
first	string	Link for the first page
current	string	Link for the current page
next	string	Link for the next page
previous	string	Link for the previous page

Example of Query method request body

```
GET: /v1/audiences/76051e91-7ef0-4581-843e-923c4bac206f/contacts
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Query method response body

```
status - 200
{
  "data": [
    {
      "id": "fe84f52d-d05e-4af6-b93a-08dc0110f536",
      "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
      "audience_id": "76051e91-7ef0-4581-843e-923c4bac206f",
      "number": "17088407149",
      "first_name": "Dan",
      "last_name": "Davis"
    }
  ]
}
```

```
  },
  {
    "id": "f95f13e7-3645-4558-8e6e-f723e5b7c2ed",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "audience_id": "76051e91-7ef0-4581-843e-923c4bac206f",
    "number": "18509042059",
    "first_name": "Seth",
    "last_name": "Jenkins"
  },
  {
    "id": "2aad8df6-fce1-4f5b-9e42-edb8aef9a798",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "audience_id": "76051e91-7ef0-4581-843e-923c4bac206f",
    "number": "13156156710",
    "first_name": "Germaine",
    "last_name": "Quitzon"
  }
],
"pagination": {
  "number": 1,
  "size": 5,
  "total": 3,
  "links": {
    "current": "https://api.dexatel.com/v1/76051e91-7ef0-4581-843e-923c4bac206f/contacts?page_size=5",
    "first": "https://api.dexatel.com/v1/76051e91-7ef0-4581-843e-923c4bac206f/contacts?page_size=5"
  }
}
}
```

Error Codes

The following error codes are returned in response to a user's request which contains bad syntax or cannot be fulfilled.

Code	Description
1351	Contact is not found
1352	Invalid contact identifier
1353	'data.number' is required
1354	'data.number' is invalid
1355	'data.number' is too long
1359	'data.tags' must be at most [10] items in length
1360	Contact already exists
1361	First name is too long
1362	Last name is too long
1363	Timestamp value is too long
1364	Date value is too long

Sender

Sender endpoints are meant to manage the senders of the account. Sender is a code belonging to the account, which can be used as a sender identifier for messages. Sender IDs can be alphanumeric Senders, Numeric Long Codes, and Short Codes. As an alphanumeric Sender ID, the user can set the name of the brand or company that the recipient will see as the Sender name of the message.

The length of Sender ID must be up to 11 characters, and it can include combinations of both alphabetical and numerical characters. Based on network operators, the other characters can be supported or not. SMS recipients cannot reply to alphanumeric Sender IDs. As a Numeric Long Code, the user can purchase a phone number from an available numbers list. The number can be up to 15 digits. For Short Code, the user needs to register the application manually and receive from 5 to 6 digits code which can be used as a Sender ID. In that case, the user can reply to the message.

Method: Create

Operation acquires a new sender for the account.

URL	v1/senders
Method Type	POST
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description	Status
data	object	Details of the sender (see Data object below)	Required

Data object

Name	Type	Description	Status
name	string	Name (unique identifier) of the sender	Required

code	string	User's company or brand name used as a sender identifier. Possible values: <ul style="list-style-type: none"> • did - up to 15 digits string, consisting of numbers only • short code - from 5 to 6 digits string consisting of numbers only • alphanumeric - up to 11 digits string, combination of alphabetical and numerical characters 	Required or Optional depending on the channel type for which the sender is created
channel	string	Channel for which the sender can be used for. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp Note: Every channel can use only its own senders	Required
country	string	ISO country code of the sender	Required or Optional depending on the channel type for which the sender is created

Response Parameters

Name	Type	Description
data	object	Details of the sender (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the sender
account_id	string (uuid)	Unique identifier of the account
name	string	Name (unique identifier) of the sender
code	string	User's company or brand name used as a sender identifier. Possible values: <ul style="list-style-type: none"> • did - up to 15 digits string, consisting of numbers only • short code - from 5 to 6 digits string consisting of numbers only • alphanumeric - up to 11 digits string, combination of alphabetical and numerical characters

channel	string	Channel for which the sender can be used for. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp Note: Every channel can use only its own senders
type	string	Type of the sender. Possible values: <ul style="list-style-type: none"> • alphanumeric • short-code • local • mobile • toll-free
status	string	Status of the sender. Possible values: <ul style="list-style-type: none"> • pending • available • rejected
country	string	ISO country code of the sender
create_date	string	Creation date of the sender in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the sender in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Sender-related links (see Links object below)

Links object

Name	Type	Description
self	string	URL of the sender
account	string	URL of the account

Example of Create method request body

```

POST: /v1/senders
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
Content-Type: application/json
{
  "data": {
    "name": "Dexatel",
    "code": "Alert",
    "channel": "sms",
    "country": "US"
  }
}

```

Example of Create method response body

```
status - 201
{
  "data": {
    "id": "5b10cfdc-dc74-432c-9b15-98b199fac1b2",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "name": "Dexatel",
    "code": "Alert",
    "channel": "sms",
    "type": "Alphanumeric",
    "status": "Pending",
    "country": "US",
    "create_date": "2022-03-04 08:08:13",
    "update_date": "2022-03-04 08:08:13",
    "links": {
      "self": "https://api.dexatel.com/v1/senders/5b10cfdc-dc74-432c-9b15-98b199fac1b2",
      "account": "https://api.dexatel.com/v1/accounts/self"
    }
  }
}
```

Method: Update

Operation updates the details of the sender.

URL	v1/ senders/{sender_id}
Method Type	PUT
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description	Status
data	object	Details of the sender (see Data object below)	Required

Data object

Name	Type	Description	Status
name	string	Name (unique identifier) of the sender	Optional

Response Parameters

Name	Type	Description
data	object	Details of the sender (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the sender
account_id	string (uuid)	Unique identifier of the account
name	string	Name (unique identifier) of the audience

code	string	User's company or brand name used as a sender identifier. Possible values: <ul style="list-style-type: none"> • did - up to 15 digits string, consisting of numbers only • short code - from 5 to 6 digits string consisting of numbers only • alphanumeric - up to 11 digits string, combination of alphabetical and numerical characters
channel	string	Channel for which the sender can be used for. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp Note: Every channel can use only its own senders
type	string	Type of the sender. Possible values: <ul style="list-style-type: none"> • alphanumeric • short-code • local • mobile • toll-free
status	string	Status of the sender. Possible values: <ul style="list-style-type: none"> • pending • available • rejected
country	string	ISO country code of the sender
create_date	string	Creation date of the sender in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the sender in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Sender-related links (see Links object)

Links object

Name	Type	Description
self	string	URL of the sender
account	string	URL of the account

Example of Update method request body

```
PUT: /v1/senders/5b10cfdc-dc74-432c-9b15-98b199fac1b2
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
Content-Type: application/json
{
  "data": {
```

```
"name": "Test"
}
}
```

Example of Update method response body

```
status - 200
{
  "data": {
    "id": "5b10cfdc-dc74-432c-9b15-98b199fac1b2",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "name": "Test",
    "code": "Alert",
    "channel": "sms",
    "type": "Alphanumeric",
    "status": "Pending",
    "country": "US",
    "create_date": "2022-03-04 08:08:13",
    "update_date": "2022-03-04 08:18:04",
    "links": {
      "self": "https://api.dexatel.com/v1/senders/5b10cfdc-dc74-432c-9b15-98b199fac1b2",
      "account": "https://api.dexatel.com/v1/accounts/self"
    }
  }
}
```

Method: Delete

Operation deletes the sender.

URL	v1/senders/{sender_id}
Method Type	DELETE
Authorization	API Key
Request Content-Type	-
Response Content-Type	-

Request Parameters

There are no request parameters.

Response Parameters

There are no response parameters.

Example of Delete method request body

```
DELETE: /v1/senders/5b10cfdc-dc74-432c-9b15-98b199fac1b2
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Delete method request body

```
status - 204
```

Method: Read

Operation gets the details of the sender.

URL	v1/senders/{sender_id}
Method Type	GET
Authorization	API Key
Request Content-Type	-
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Response Parameters

Name	Type	Description
data	object	Details of the sender (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the sender
account_id	string (uuid)	Unique identifier of the account
name	string	Name (unique identifier) of the sender
code	string	User's company or brand name used as a sender identifier. Possible values: <ul style="list-style-type: none"> • did - up to 15 digits string, consisting of numbers only • short code - from 5 to 6 digits string consisting of numbers only • alphanumeric - up to 11 digits string, combination of alphabetical and numerical characters
channel	string	Channel for which sender can be used for. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp Note: Every channel can use only its own senders

type	string	Type of the sender. Possible values: <ul style="list-style-type: none"> • alphanumeric • short-code • local • mobile • toll-free
status	string	Status of the sender. Possible values: <ul style="list-style-type: none"> • pending • available • rejected
country	string	ISO country code of the sender
create_date	string	Creation date of the sender in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the sender in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Sender-related links (see Links object below)

Links object

Name	Type	Description
self	string	URL of the sender
account	string	URL of the account

Example of Read method request body

```
GET: /v1/senders/5b10cfdc-dc74-432c-9b15-98b199fac1b2
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Read method response body

```
status - 200
{
  "data": {
    "id": "5b10cfdc-dc74-432c-9b15-98b199fac1b2",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "name": "Dexatel",
    "code": "Alert",
    "channel": "sms",
    "type": "Alphanumeric",
    "status": "Pending",
    "country": "US",
    "create_date": "2022-03-04 08:08:13",
```



```
"update_date": "2022-03-04 08:08:13",  
"links": {  
  "self": "https://api.dexatel.com/v1/senders/5b10cfdc-dc74-432c-9b15-98b199fac1b2",  
  "account": "https://api.dexatel.com/v1/accounts/self"  
}  
}  
}
```

Method: Query

Operation to query all senders.

URL	v1/senders
Method Type	GET
Authorization	API Key
Request Content-Type	-
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Query Parameters

Name	Type	Description
filter[channel]	string	Filters senders by the channel
filter[type]	string	Filters senders by the senders type
page_token	string	Token with the encoded pagination details
page_size	integer	Number of records to be retrieved

Response Parameters

Name	Type	Description
data	list<object>	Details of the sender (see Data object below)
pagination	object	Details of the pagination (see Pagination object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the sender
account_id	string (uuid)	Unique identifier of the account

name	string	Name (unique identifier) of the sender
code	string	User's company or brand name used as a sender identifier. Possible values: <ul style="list-style-type: none"> • did - up to 15 digits string, consisting of numbers only • short code - from 5 to 6 digits string consisting of numbers only • alphanumeric - up to 11 digits string, combination of alphabetical and numerical characters
channel	string	Channel for which sender can be used for. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp Note: Every channel can use only its own senders
type	string	Type of the sender. Possible values: <ul style="list-style-type: none"> • alphanumeric • short-code • local • mobile • toll-free
status	string	Status of the sender. Possible values: <ul style="list-style-type: none"> • pending • available • rejected
country	string	ISO country code of the sender
create_date	string	Creation date of the sender in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the sender in UTC, formatted as yyyy-MM-dd HH:mm:ss

Pagination object

Name	Type	Description
number	integer	Current page number
size	integer	Size of the page
total	integer	Total amount of the records
links	object	Pagination related links (see pagination Links object below)

Links object

Name	Type	Description
first	string	Link for the first page
current	string	Link for the current page
next	string	Link for the next page
previous	string	Link for the previous page

Example of Query method request body

```
GET: /v1/senders
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Query method response body

```
status - 200
{
  "data": [
    {
      "id": "5b10cfdc-dc74-432c-9b15-98b199fac1b2",
      "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
      "name": "Dexatel",
      "code": "Alert",
      "channel": "sms",
      "type": "Alphanumeric",
      "status": "Pending",
      "country": "US",
      "create_date": "2022-03-04 08:08:13",
      "update_date": "2022-03-04 08:08:13"
    }
  ],
  "pagination": {
    "number": 1,
    "size": 3,
    "total": 1,
    "links": {
      "first": "https://api.dexatel.com/v1/senders?page_size=3",
      "current": "https://api.dexatel.com/v1/senders?page_size=3"
    }
  }
}
```

Error Codes

The following error codes are returned in response to a user's request which contains bad syntax or cannot be fulfilled.

Code	Description
1402	Sender not found
1403	'data' is required
1404	'data.name' is required
1405	'data.name' is invalid
1406	'data.name' is too long
1407	'data.code' is invalid
1408	'data.code' is too long
1409	'data.code' is required
1410	'data.country' is required
1439	Invalid status
1440	'data.code' already ordered
1441	'data.name' exists on this channel
1414	'data.channel' value should be: [SMS, VIBER, WHATSAPP]

Number

The user can purchase a phone number. Number endpoints are meant for querying available phone numbers. To purchase phone numbers, the sender endpoints are used.

Method: Query

Operation to query all available numbers.

URL	v1/numbers
Method Type	GET
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Query Parameters

Name	Type	Description
country	string	ISO country code
city	string	Name of the city
type	string	Filters phone numbers by type

Response Parameters

Name	Type	Description
data	list<object>	Details of the number (see Data object below)

Data object

Name	Type	Description
number	string (did)	Filtered phone number
type	string (uuid)	Type of the phone number
country	string	ISO country code
city	string	City code
price	number	Monthly price for acquiring the number

Example of Query method request body

```
GET: /v1/numbers?type=local&country=US&city=Austin
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Query method response body

```
status - 200
{
  "data": [
    {
      "number": "17072982980",
      "type": "Local",
      "country": "US",
      "city": "Austin",
      "setupCost": "2.28",
      "monthlyCost": "2.28"
    },
    {
      "number": "14586585052",
      "type": "Local",
      "country": "US",
      "city": "Austin",
      "setupCost": "2.28",
      "monthlyCost": "2.28"
    },
    ...
    {
      "number": "14586585079",
      "type": "Local",
      "country": "US",
      "city": "Austin",
      "setupCost": "2.28",
      "monthlyCost": "2.28"
    }
  ]
}
```

Error Codes

The following error codes are returned in response to a user's request which contains bad syntax or cannot be fulfilled.

Code	Description
1411	Invalid number type specified
1412	Invalid country iso code

Message

Message endpoints are meant to send and monitor messages sent by the account. Message is a single one to one conversation entity.

A single SMS can contain 160 characters. If the message contains any characters not listed in the 7-bit alphabet, then the message encoding will be set to UCS-2. The message length is limited to 70 characters. Additionally, for long SMS messages exceeding above-mentioned limits, will be supported by splitting them into multiple segments. For WhatsApp and Viber messages the maximum limit of characters is 1024 and 1000 for any character set correspondingly.

Method: Create

Operation sends a message from a sender to one or many recipients.

URL	v1/messages
Method Type	POST
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description	Status
data	object	Details of the message (see Data object below)	Required

Data object

Name	Type	Description	Status
from	string (did)	Identifier of the sender	Required
to	list<string>	List of recipients who will receive the message	Required
channel	string	Delivery channel of the message. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp 	Required (Default value is sms)

text	string	Body of the message	Optional
image	string	URL of the image to be sent in the message	Optional
caption	string	Caption for image	Optional
button	object	Details of the button (see Button object below)	Channel
template	string (uuid)	Identifier of the template	Optional
variables	list<string>	List of the template values	Optional

Button object

Name	Type	Description	Status
caption	string	Text of the button element	Optional
url	string	URL to be redirected to	Required

Response Parameters

Name	Type	Description
data	list<object>	Details of the message (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the object
account_id	string (uuid)	Unique identifier of the account
text	string	Body of the message
from	string (did)	Identifier of the sender
to	list<string>	List of recipients who will receive the message, can be up to 10 recipients.
channel	string	Delivery channel of the message. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp
status	string	Initial status of the message

segments	integer	The count of sent messages
encoding	string	Encoding of the message. Possible values: <ul style="list-style-type: none"> • GSM -7 • UCS -2

Example of Create method request body

```
POST: /v1/messages
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
Content-Type: application/json
{
  "data": {
    "from": "Dexatel",
    "to": ["+17088407149"],
    "channel": "sms",
    "text": "Welcome to Dexatel's API"
  }
}
```

Example of Create method response body

```
status - 201
{
  "data": [
    {
      "id": "2e214e92-4d0f-4ec4-9952-583d086582d6",
      "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
      "text": "Welcome to Dexatel's API",
      "from": "Dexatel",
      "to": "17088407149",
      "channel": "SMS",
      "status": "delivered",
      "segments": 1,
      "encoding": "GSM-7"
    }
  ]
}
```

Method: Delete

Operation deletes the message. If the message is not sent yet, it will be canceled.

URL	v1/messages/{message_id}
Method Type	DELETE
Authorization	API Key
Request Content-Type	-
Response Content-Type	-

Request Parameters

There are no request parameters.

Response Parameters

There are no response parameters.

Example of Delete method request body

```
DELETE: /v1/messages/93157622-adc4-4a2d-9df3-b92d964abe2b
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Delete method request body

```
status - 204
```

Method: Read

Operation gets the message details.

URL	v1/messages/{message_id}
Method Type	GET
Authorization	API Key
Request Content-Type	-
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Response Parameters

Name	Type	Description
data	object	Details of the message (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the message
account_id	string (uuid)	Unique identifier of the account
from	string (did)	Identifier of the sender
to	string (did)	List of recipients who will receive the message
channel	string	Delivery channel of the message. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp
status	string	Initial status of the message
text	string	Text body of the message
image	string	URL of the image to be sent in the message
caption	string	Caption for image

button	object	Details of the button (see Button object below)
template	string (uuid)	Identifier of the template
create_date	string	Creation date of the message in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the message in UTC, formatted as yyyy-MM-dd HH:mm:ss
links	object	Message-related links (see Links object below)

Button object

Name	Type	Description
caption	string	Text of the button element
url	string	URL to be redirected to

Links object

Name	Type	Description
self	string	URL of the message
account	string	URL of the account
template	string	URL of the template

Example of Read method request body

```
GET: /v1/messages/93157622-adc4-4a2d-9df3-b92d964abe2b
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Read method response body

```
status - 200
{
  "data": {
    "id": "93157622-adc4-4a2d-9df3-b92d964abe2b",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "from": "Dexatel",
    "to": "17088407149",
    "channel": "SMS",
    "status": "delivered",
    "text": "Welcome to Dexatel's API",
    "create_date": "2022-03-04 08:40:36",
```

```
"update_date": "2022-03-04 08:41:05",  
"segments": 1,  
"encoding": "GSM-7",  
"links": {  
  "self": "https://api.dexatel.com/v1/messages/93157622-adc4-4a2d-9df3-b92d964abe2b",  
  "account": "https://api.dexatel.com/v1/accounts/self"  
}  
}  
}
```

Method: Query

Operation to query all messages.

URL	v1/messages
Method Type	GET
Authorization	API Key
Request Content-Type	-
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Query Parameters

Name	Type	Description
filter[channel]	string	Filters the messages by channel
page_token	string	Token with the encoded pagination details
page_size	integer	Number of records to be retrieved

Response Parameters

Name	Type	Description
data	list<object>	Details of the message (see Data object below)
pagination	object	Details of the pagination (see Pagination object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the message
account_id	string (uuid)	Unique identifier of the account
from	string (did)	Identifier of the sender

to	string (did)	List of recipients who will receive the message
channel	string	Delivery channel of the message. Possible values: <ul style="list-style-type: none"> • sms • viber • whatsapp
status	string	Delivery status of the message. Possible values: <ul style="list-style-type: none"> • scheduled • enroute • sent • received • delivered • failed,t2
text	string	Body of the message
create_date	string	Creation date of the message in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the message in UTC, formatted as yyyy-MM-dd HH:mm:ss
segments	integer	The count of message parts
encoding	string	Encoding of the message. Possible values: <ul style="list-style-type: none"> • GSM -7 • UCS -2

Pagination object

Name	Type	Description
number	integer	Current page number
size	integer	Size of the page
total	integer	Total amount of the records
links	object	Pagination related links (see pagination Links object below)

Links object

Name	Type	Description
first	string	Link for the first page
current	string	Link for the current page
next	string	Link for the next page
previous	string	Link for the previous page

Example of Query method request body

```
GET: /v1/messages
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Query method response body

```
status - 200
{
  "data": [
    {
      "id": "93157622-adc4-4a2d-9df3-b92d964abe2b",
      "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
      "from": "Dexatel",
      "to": "17088407149",
      "channel": "SMS",
      "status": "delivery",
      "text": "Welcome to Dexatel's API",
      "create_date": "2022-03-04 08:40:36",
      "update_date": "2022-03-04 08:41:05",
      "segments": 1,
      "encoding": "GSM-7"
    },
    {
      "id": "2e214e92-4d0f-4ec4-9952-583d086582d6",
      "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
      "from": "Dexatel",
      "to": "17088407149",
      "channel": "SMS",
      "status": "rejected",
      "text": "Welcome to Dexatel's API",
      "create_date": "2022-03-04 08:37:10",
      "update_date": "2022-03-04 08:40:19",
      "segments": 1,
      "encoding": "GSM-7"
    }
  ],
  "pagination": {
    "number": 1,
    "size": 10,
    "total": 2,
    "links": {
      "current": "https://api.dexatel.com/v1/messages?page_size=10",
      "first": "https://api.dexatel.com/v1/messages?page_size=10"
    }
  }
}
```

Error Codes

The following error codes are returned in response to a user's request which contains bad syntax or cannot be fulfilled.

Code	Description
1501	Message is not found
1502	Invalid message identifier
1503	'data.from' is required
1504	'data.from' is invalid
1505	Message sender is not found
1506	'data.to' is required
1507	'data.to' must be at most [10] items in length
1508	'data.text' is required
1509	'data.text' is invalid
1510	'data.text' is too long
1512	'data.template' is invalid
1513	Template is not found
1514	'data.variables' is required
1515	'data.channel' should be in: [SMS, WHATSAPP, VIBER]
1516	One of text, image or template should be specified
1517	Button messages are not supported for whatsapp channel
1518	Image messages are not supported for sms channel
1519	Button messages are not supported for sms channel
1520	'data.button' is required
1521	'data.schedule' is invalid
1522	'data.schedule' should be after current date
1523	Invalid recipient number(s)

Campaign

Campaign feature is intended to send a single message text to multiple destination numbers via a single API request. The Campaign API supports sending messages up to 10 000 destination numbers with one campaign.

Messages to all recipients may not be delivered instantly. Messages are dequeued for delivery based on the rate limits configured for the account.

Campaign endpoints are meant to send and monitor campaigns scheduled by the account.

Method: Create

Operation sends or schedules a campaign from a sender to recipients.

URL	v1/campaigns
Method Type	POST
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description	Status
data	object	Details of the campaign (see Data object below)	Required

Data object

Name	Type	Description	Status
name	string	Unique name of the campaign	Optional
template	string (uuid)	Identifier of the template	Required
audience	string (uuid)	Identifier of the audience	Required
from	string (did)	Identifier of the sender	Required
schedule	string	Scheduled date if there is any	Optional

Response Parameters

Name	Type	Description
data	List<object>	Details of the campaign (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the campaign
account_id	string (uuid)	Unique identifier of the account
template_id	string (uuid)	Unique identifier of the template
audience_id	string (uuid)	Unique identifier of the audience
name	string	Unique name of the campaign
from	string (did)	Identifier of the sender
status	string	Status of the campaign. Possible values: <ul style="list-style-type: none"> • scheduled • in_progress • canceled • failed • completed
schedule	string	Scheduled date if there is any
create_date	string	Creation date of the campaign in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the campaign in UTC, formatted as yyyy-MM-dd HH:mm:ss
messages	object	Details of the message (see Message object below)
links	object	Campaign-related links (see Links object below)

Messages object

Name	Type	Description
total	integer	Total count of all messages
delivered	integer	Count of delivered messages
failed	integer	Count of failed messages

Links object

Name	Type	Description
self	string	URL of the campaign
account	string	URL of the account
template	string	URL of the template
audience	string	URL of the audience

Example of Create method request body

```
POST: /v1/campaigns
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
Content-Type: application/json
{
  "data":{
    "template": "7c400ce5-1546-47b9-9a72-71f3a2615590",
    "audience": "76051e91-7ef0-4581-843e-923c4bac206f",
    "from": "Dexatel",
    "schedule": "2022-03-04 09:12:58"
  }
}
```

Example of Create method response body

```
status - 201
{
  "data": {
    "id": "c12827dd-2c7b-4ba1-b818-6bc5a6d818f8",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "template_id": "7c400ce5-1546-47b9-9a72-71f3a2615590",
    "audience_id": "76051e91-7ef0-4581-843e-923c4bac206f",
    "name": "campaign-2",
    "from": "Dexatel",
    "status": "scheduled",
    "schedule": "2022-03-04 12:18:13",
    "create_date": "2022-03-04 12:18:13",
    "update_date": "2022-03-04 12:18:13",
    "links": {
      "self": "https://api.dexatel.com/v1/campaigns/c12827dd-2c7b-4ba1-b818-6bc5a6d818f8",
      "account": "https://api.dexatel.com/v1/accounts/self",
      "template": "https://api.dexatel.com/v1/templates/7c400ce5-1546-47b9-9a72-71f3a2615590",
      "audience": "https://api.dexatel.com/v1/audiences/76051e91-7ef0-4581-843e-923c4bac206f"
    }
  }
}
```

Method: Update

Operation updates the details of a campaign or cancels a scheduled campaign by changing its status.

URL	v1/campaigns/{campaign_id}
Method Type	PUT
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description	Status
data	object	Details of the campaign (see Data object below)	Required

Data object

Name	Type	Description	Status
name	string	Name of the campaign	Optional
schedule	string	Scheduled date if there is any	Optional

Response Parameters

Name	Type	Description
data	list<object>	Details of the campaign (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the campaign
account_id	string (uuid)	Unique identifier of the account

template_id	string (uuid)	Unique identifier of the template
audience_id	string (uuid)	Unique identifier of the audience
name	string	Unique name of the campaign
from	string (did)	Identifier of the sender
status	string	Status of the campaign. Possible values: <ul style="list-style-type: none"> • scheduled • in_progress • completed • canceled • failed
schedule	string	Scheduled date if there is any
create_date	string	Creation date of the campaign in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the campaign in UTC, formatted as yyyy-MM-dd HH:mm:ss
messages	object	Details of the message (see Message object below)
links	object	Object-related links (see Links object below)

Messages object

Name	Type	Description
total	integer	Total count of all messages
delivered	integer	Count of delivered messages
failed	integer	Count of failed messages

Links object

Name	Type	Description
self	string	URL of the campaign
account	string	URL of the account
template	string	URL of the template
audience	string	URL of the audience

Example of Update method request body

```
POST: /v1/campaigns/754ab062-4f2e-4f04-99e7-1df3c731f49a
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
Content-Type: application/json
{
  "data":{
    "name": "campaign-7",
    "schedule": "2022-03-07 20:50:02"
  }
}
```

Example of Update method response body

```
status - 200
{
  "data": {
    "id": "754ab062-4f2e-4f04-99e7-1df3c731f49a",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "template_id": "7c400ce5-1546-47b9-9a72-71f3a2615590",
    "audience_id": "76051e91-7ef0-4581-843e-923c4bac206f",
    "name": "campaign-7",
    "from": "Dexatel",
    "status": "scheduled",
    "schedule": "2022-03-07 20:50:02",
    "create_date": "2022-03-07 08:07:44",
    "messages": {
      "total": 0,
      "delivered": 0,
      "failed": 0
    },
    "links": {
      "self": "https://api.dexatel.com/v1/campaigns/754ab062-4f2e-4f04-99e7-1df3c731f49a",
      "account": "https://api.dexatel.com/v1/accounts/self",
      "template": "https://api.dexatel.com/v1/templates/7c400ce5-1546-47b9-9a72-71f3a2615590",
      "audience": "https://api.dexatel.com/v1/audiences/76051e91-7ef0-4581-843e-923c4bac206f"
    }
  }
}
```

Method: Delete

Operation deletes the campaign. If the campaign is not sent yet, it will be canceled.

URL	v1/campaigns/{campaign_id}
Method Type	DELETE
Authorization	API Key
Request Content-Type	-
Response Content-Type	-

Request Parameters

There are no request parameters.

Response Parameters

There are no response parameters.

Example of Delete method request body

```
DELETE: /v1/messages/754ab062-4f2e-4f04-99e7-1df3c731f49a
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Delete method request body

```
status - 204
```

Method: Read

Operation gets the details of the campaign.

URL	v1/ campaigns/{campaign_id}
Method Type	GET
Authorization	API Key
Request Content-Type	-
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Response Parameters

Name	Type	Description
data	object	Details of the campaign (see Data object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the campaign
account_id	string (uuid)	Unique identifier of the account
template_id	string (uuid)	Unique identifier of the template
audience_id	string (uuid)	Unique identifier of the audience
name	string	Unique name of the campaign
from	string (did)	Identifier of the sender
status	string	Status of the campaign. Possible values: <ul style="list-style-type: none"> • scheduled • in_progress • completed • failed • canceled
schedule	string	Scheduled date if there is any

create_date	string	Creation date of the campaign in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the campaign in UTC, formatted as yyyy-MM-dd HH:mm:ss
messages	object	Details of the message (see Message object below)
links	object	Campaign-related links (see Links object below)

Messages object

Name	Type	Description
total	integer	Total count of all messages
delivered	integer	Count of delivered messages
failed	integer	Count of failed messages

Links object

Name	Type	Description
self	string	URL of the campaign
account	string	URL of the account
template	string	URL of the account
audience	string	URL of the audience

Example of Read method request body

```
GET: /v1/campaigns/c12827dd-2c7b-4ba1-b818-6bc5a6d818f8
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Read method response body

```
status - 200
{
  "data": {
    "id": "c12827dd-2c7b-4ba1-b818-6bc5a6d818f8",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "template_id": "7c400ce5-1546-47b9-9a72-71f3a2615590",
    "audience_id": "76051e91-7ef0-4581-843e-923c4bac206f",
    "name": "campaign-2",
    "from": "Dexatel",
    "status": "completed",
```

```
"schedule": "2022-03-04 12:18:13",
"create_date": "2022-03-04 12:18:13",
"update_date": "2022-03-04 12:18:13",
"messages": {
  "total": 2,
  "delivered": 0,
  "failed": 0
},
"links": {
  "self": "https://api.dexatel.com/v1/campaigns/c12827dd-2c7b-4ba1-b818-6bc5a6d818f8",
  "account": "https://api.dexatel.com/v1/accounts/self",
  "template": "https://api.dexatel.com/v1/templates/7c400ce5-1546-47b9-9a72-71f3a2615590",
  "audience": "https://api.dexatel.com/v1/audiences/76051e91-7ef0-4581-843e-923c4bac206f"
}
}
}
```

Method: Query

Operation to query all campaigns.

URL	v1/campaigns
Method Type	GET
Authorization	API Key
Request Content-Type	-
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Query Parameters

Name	Type	Description
page_token	string	Token with the encoded pagination details
page_size	integer	Number of records to be retrieved

Response Parameters

Name	Type	Description
data	List<object>	Details of the message (see Data object below)
pagination	object	Details of the pagination (see Pagination object below)

Data object

Name	Type	Description
id	string (uuid)	Unique identifier of the campaign
from	string (did)	Identifier of the sender
account_id	string (uuid)	Unique identifier of the account
template_id	string (uuid)	Unique identifier of the template

audience_id	string (uuid)	Unique identifier of the audience
name	string	Unique name of the campaign
status	string	Status of the campaign. Possible values: <ul style="list-style-type: none"> • scheduled • in_progress • completed • failed • canceled
schedule	string	Scheduled date if there is any
create_date	string	Creation date of the campaign in UTC, formatted as yyyy-MM-dd HH:mm:ss
update_date	string	Update date of the campaign in UTC, formatted as yyyy-MM-dd HH:mm:ss

Pagination object

Name	Type	Description
number	integer	Current page number
size	integer	Size of the page
total	integer	Total amount of the records
links	object	Pagination related links (see pagination Links object below)

Links object

Name	Type	Description
first	string	Link for the first page
current	string	Link for the current page
next	string	Link for the next page
previous	string	Link for the previous page

Example of Query method request body

```
GET: /v1/campaigns
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Query method response body

```
status - 200
"data": [
  {
    "id": "c12827dd-2c7b-4ba1-b818-6bc5a6d818f8",
    "from": "Dexatel",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "template_id": "7c400ce5-1546-47b9-9a72-71f3a2615590",
    "audience_id": "76051e91-7ef0-4581-843e-923c4bac206f",
    "name": "campaign-2",
    "status": "completed",
    "schedule": "2022-03-04T12:18:13.872",
    "create_date": "2022-03-04 12:18:13",
    "update_date": "2022-03-04 12:20:00"
  },
  {
    "id": "d78c9ce2-75e1-4dba-9b42-71ccbcbbe1f",
    "from": "Dexatel",
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "template_id": "7c400ce5-1546-47b9-9a72-71f3a2615590",
    "audience_id": "76051e91-7ef0-4581-843e-923c4bac206f",
    "name": "campaign-1",
    "status": "completed",
    "schedule": "2022-03-04T09:12:58.464",
    "create_date": "2022-03-04 09:12:58",
    "update_date": "2022-03-04 09:14:00"
  }
],
"pagination": {
  "number": 1,
  "size": 3,
  "total": 2,
  "links": {
    "current": "https://api.dexatel.com/v1/campaigns?page_size=3",
    "first": "https://api.dexatel.com/v1/campaigns?page_size=3"
  }
}
}
```


Error Codes

The following error codes are returned in response to a user's request which contains bad syntax or cannot be fulfilled.

Code	Description
1601	Campaign is not found
1602	Invalid campaign identifier
1603	'data.sender' is required
1604	'data.sender' is invalid
1605	'data.audience' is required
1606	'data.audience' is invalid
1607	'data.template' is required
1608	'data.template' is invalid
1609	'data.schedule' is invalid
1611	'data.status' can not be changed
1612	Campaign cannot be deleted
1613	Campaign audience and template do not match

Verification

Verification endpoints are meant to send verification messages and verify the existence of the recipient.

Method: Create

Operation sends a verification message from a sender to a recipient.

URL	v1/verifications
Method Type	POST
Authorization	API Key
Request Content-Type	JSON
Response Content-Type	JSON

Request Parameters

Name	Type	Description	Status
data	object	Details of the verification (see Data object below)	Required

Data object

Name	Type	Description	Status
sender	string (did)	Identifier of the sender	Required
phone	string (did)	Phone number of the recipient	Required
template	string (uuid)	Template of the message	Required
code_length	integer	Length of the code to be generated	Default

Response Parameters

Name	Type	Description
data	List<object>	Details of the verification (see Data object below)

Data object

Name	Type	Description
account_id	string (uuid)	Unique identifier of the account
message_id	string (uuid)	Unique identifier of the message
phone	string (did)	Phone number of the recipient
code	string	Verification code
create_date	string	Sent date of the verification in UTC, formatted as yyyy-MM-dd HH:mm:ss
expire_date	string	Expiration date of the verification in UTC, formatted as yyyy-MM-dd HH:mm:ss

Example of Create method request body

```
POST: /v1/verifications
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
Content-Type: application/json
{
  "data": {
    "sender": "Dexatel",
    "phone": "18509042059",
    "template": "083ce267-21ba-481a-9919-68ac75bbf458",
    "code_length": 4
  }
}
```

Example of Create method response body

```
status - 201
{
  "data": {
    "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
    "message_id": "e4fb1353-8ded-4ec7-991e-a757ea213106",
    "phone": "18509042059",
    "code": "2291",
    "create_date": "2022-03-04 12:50:57",
    "expire_date": "2022-03-04 14:50:57"
  }
}
```

Method: Query

Operation to query all verifications.

URL	v1/verifications
Method Type	GET
Authorization	API Key
Request Content-Type	-
Response Content-Type	JSON

Request Parameters

There are no request parameters.

Query Parameters

Name	Type	Description
phone	string (did)	Filters recipients by phone number
code	string	Filters by verification code
page_token	string	Token with the encoded pagination details
page_size	integer	Number of records to be retrieved

Response Parameters

Name	Type	Description
data	List<object>	Details of the verification (see Data object below)
pagination	object	Details of the pagination (see Pagination object below)

Data object

Name	Type	Description
account_id	string (uuid)	Unique identifier of the account
message_id	string (uuid)	Unique identifier of the message

phone	string (did)	Phone number of the recipient
code	string	Verification code
create_date	string	Sent date of the verification in UTC, formatted as yyyy-MM-dd HH:mm:ss
expire_date	string	Expiration date of the verification in UTC, formatted as yyyy-MM-dd HH:mm:ss

Pagination object

Name	Type	Description
number	integer	Current page number
size	integer	Size of the page
total	integer	Total amount of the records
links	object	Pagination related links (see pagination Links object below)

Links object

Name	Type	Description
first	string	Link for the first page
current	string	Link for the current page
next	string	Link for the next page
previous	string	Link for the previous page

Example of Query method request body

```
GET: /v1/verifications?phone=18509042059&code=2291
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of Query method response body

```
status - 200
{
  "data": [
    {
      "account_id": "72e47e47-95b9-41c2-bdcd-55dd9bb04e14",
      "message_id": "e4fb1353-8ded-4ec7-991e-a757ea213106",
      "phone": "18509042059",
      "code": "2291",
    }
  ]
}
```

```
    "create_date": "2022-03-04 12:50:57",
    "expire_date": "2022-03-04 14:50:57"
  }
],
"pagination": {
  "number": 1,
  "size": 3,
  "total": 1,
  "links": {
    "current": "https://api.dexatel.com/v1/verifications?page_size=3",
    "first": "https://api.dexatel.com/v1/verifications?page_size=3"
  }
}
}
```

Error Codes

The following status codes are returned in response to a user's request which contains bad syntax or cannot be fulfilled.

Code	Description
1620	'data' is required
1621	'data.sender' is required
1622	'data.phone' is required
1623	'data.template' is required
1624	'data.code_length' is invalid
1625	'data.template' is invalid
1626	'data.template' does not contain keyword {code}

Appendix

Errors

The REST API responds to each request with an HTTP response code. In case of a problem, the system responds with a list of errors.

Response

Name	Type	Description
errors	list<errors>	List of errors (see Errors object below)

Errors

Name	Type	Description
timestamp	string	Timestamp value
path	string	URL of the requested method
method	string	Request method type
status	integer	Bad response status. <ul style="list-style-type: none">• 4xx error status codes indicate an error because of the information provided• 5xx error status codes indicate server errors
message	string	Detailed error message
code	integer	Specific error codes

Example of method request body

```
GET: /v1/messages/93157622-adc4-4a2d-9df3-b92d964abe2b
X-Dexatel-Key: 94d2f2f2884848bca861264ad86d8ace
```

Example of method response body

```
status - 404
{
  "errors": [
    {
      "timestamp": "2022-03-07 08:22:22",
      "path": "/v1/messages",
```



```

    "method": "GET",
    "status": 404,
    "message": "Message is not found",
    "code": "1501"
  }
]
}

```

Success Status Codes

Code	Status	Description
200	OK	The request was successfully completed
201	Create	A new resource was successfully created
202	Accepted	The request was accepted
204	No Content	The server has fulfilled the request but does not need to return a response body

Error Status Codes

Code	Status	Description
400	Bad Request	The request cannot be understood by the server due to incorrect syntax
401	Unauthorized	Indicates that the request requires user authentication information
403	Forbidden	Unauthorized request. The client does not have access rights to the content
404	Not Found	The server cannot find the requested resource
405	Method Not Allowed	The request HTTP method is known by the server but has been disabled and cannot be used for that resource
409	Conflict	The request could not be completed due to a conflict with the current state of the resource
412	Precondition Failed	The client has indicated preconditions in its headers which the server does not meet
413	Payload Too Large	Request entity is larger than limits defined by server
414	URI Too Long	The URI requested by the client is longer than the server can interpret
415	Unsupported Media Type	The media type in Content-type of the request is not supported by the server
429	Too Many Requests	The user has sent too many requests in a given amount of time

Server Error Codes

Code	Status	Description
500	Internal Server Error	The server encountered an unexpected condition which prevented it from fulfilling the request
503	Service Unavailable	The server is not ready to handle the request
504	Gateway Timeout	The server is acting as a gateway and cannot get a response in time for a request

Error Codes

API error codes are four-digit integers (xxxx). The first digit is allocated for the API version, so for the first version, the code format will be 1xxx. The second digit specifies which segment error is related to (for example, message - 15xx). The last two digits specify the exact problem.

Generic

Code	Code Description
1001	Invalid value is provided
1002	Invalid URL is provided
1003	Invalid page size is provided, an integer in the range of 1 to 50 should be given
1004	Invalid page token is provided. The token should be a text value retrieved from the API
1005	Invalid JSON body
1006	Not enough funds
1007	Request data is missing
1009	Invalid Page Token
1012	Method not allowed
1013	Payload is too large
1014	URL is too long
1015	Unsupported media type
1029	Too many requests

Headers

API accepts headers in the request and sends responses with headers as metadata.

Request headers

Name	Type	Description
Content-Type	string	Content type of the payload, always expects application/json
X-Dexatel-Key	string	Authorization key

Response headers

Name	Type	Description
Location	string (URL)	Absolute path of newly created object
Content-Type	string	Content-type of the payload, which always sends application/json
Total-Count	integer	Total count of the records

Dexatel's request header

Name	Type	Description
X-Dexatel-Signature	string	Webhook's payload signed with a secret

Limits

The following limits apply for the API.

Request

Name	Limit
APS	10
APM	100
APH	1000
payload	10 KB
media	1 MB

Type

Name	Limit
string	1024 symbols (UTF8)
integer	1 to 1.000.000
number	1 to 1.000.000,00

Custom

Name	Limit
webhook	10
template	1.000
audience	1.000
contact in an audience	10.000
sender	1.000
message (active)	1.000.000
campaign (active)	1.000
campaign (scheduled)	10
recipient	10
page	100

Attribute Types

The following string attribute types are used throughout the API:

Type	Description	Example
uuid	8-4-4-4-12 format string consisting of hex characters (0-f)	01b620c7-8381-4cbf-995c-87456ae04830
date	UTC time	YYYY-DD-MM HH:MM:SS
url	URL starting with http or https	https://www.google.com
did	Up to 15 digits string, consisting of numbers only. The spaces, dashes and the plus at the beginning to be ignored	18001234567
identifier	Object name used as an identifier. Consists of letters, numbers, dashes and underscores	company-intro-template
name	Informative object name. Consists of letters, numbers, spaces, and allowed characters (. , : * _ ! ? % # + - = @ _ [] { } ()	late campaign 27/09
template	Template text with variables. Contains at least one variable value. Possible variable values are: <ul style="list-style-type: none"> • {first_name} • {last_name} • {date} • {timestamp} • {code} 	hi {first_name}, you have an appointment at {timestamp}

Uniqueness Constraints

Object attribute values are unique in some scope. When the uniqueness is attempted to be broken by an API request, the **409 error status code** is expected to be returned.

Constraints

Name	Description
object ID (uuid)	Is unique for all accounts
sender code	Is unique for all accounts
template name	Is unique in the scope of the account. The account cannot have more than one template with the same name
audience name	Is unique in the scope of the account. The account cannot have more than one audience with the same name
sender name	Is unique in the scope of the channel and account. Sender name is unique for each channel and account
contact	Is unique in the scope of the audience and the account. A contact cannot be added in the same audience more than once

