# Newfies Dialer : API Documentation

## bulkcontact :

Accepted methods: **POST**

### method *create*() :

API to create bulk contact

#### Attributes

- `contact` - contact number of the Subscriber
- `phonebook_id` - the phonebook Id to which we want to add the contact

#### CURL Usage:

```
curl -u username:password -i -H "Accept: application/json" -X POST http://127.0.0.1:8000/api/dialer_campaign/bulkcontact/ -d "phon
```

#### Example Response:

```
HTTP/1.0 200 OK
Date: Mon, 09 May 2011 07:25:44 GMT
Server: WSGIServer/0.1 Python/2.6.2
Vary: Authorization
Content-Type: application/json; charset=utf-8

2
```

#### Error:

- You have too many contacts per campaign. You are allowed a maximum of xxx
- The PhoneBook ID doesn't exist!
- The contact duplicated xxxx!

## campaign :

Accepted methods: **POST**, **GET**, **PUT**

### method *read*(campaign_id=&lt;optional&gt;) :

API to read all pending campaign, or a specific campaign if campaign_id is supplied

#### Attributes:

- `campaign_id` - Campaign ID

#### CURL Usage:

```
curl -u username:password -i -H "Accept: application/json" -X GET http://127.0.0.1:8000/api/dialer_campaign/campaign/
```

```
curl -u username:password -i -H "Accept: application/json" -X GET http://127.0.0.1:8000/api/dialer_campaign/campaign/%campaign_id%
```

#### Example Response:

```
[
    {
        "status": 1,
        "voipapp": {
            "gateway_id": 1,
            "updated_date": "2011-05-06 05:06:53",
            "description": "",
            "_state": "<django.db.models.base.ModelState object at                     0xa0889cc>",
            "created_date": "2011-04-08 08:00:09",
            "type": 1,
            "id": 1,
            "name": "Default_VoIP_App"
        },
        "startingdate": "2011-03-29 09:48:56",
        "name": "mylittlecampaign",
        "voipapp_data": "2000",
        "callmaxduration": 50,
        "intervalretry": 3000,
        "id": 2,
        "phonebook": [
            {
                "name": "mylittlecampaign",
```

```
            "id": 2
        }
    ],
    "frequency": 20,
    "maxretry": 3,
    "expirationdate": "2011-03-28 17:08:56",
    "aleg_gateway": {
        "updated_date": "2011-04-08 07:51:02",
        "status": 1,
        "protocol": "SIP",
        "description": "This is default gateway",
        "failover_id": null,
        "count_call": null,
        "hostname": "localhost",
        "_state": "<django.db.models.base.ModelState object at                      0xa088a8c>",
        "maximum_call": null,
        "count_in_use": null,
        "removeprefix": "",
        "addparameter": "",
        "secondused": null,
        "created_date": "2011-04-08 07:51:02",
        "addprefix": "",
        "id": 1,
        "name": "Default_Gateway"
    },
    "calltimeout": 60
    }
]
```

**Error**:

- Campaign(s) not found

## method *create*() :

API to create new campaign

**Attributes**:

- `name` - Name of the Campaign
- `description` - Short description of the Campaign
- `startingdate` - Starting date. Epoch Time, ie 1301414368
- `expirationdate` - Expiring date. Epoch Time, ie 1301414368
- `daily_start_time` - Per Day Starting Time, default '00:00:00'
- `daily_stop_time` - Per Day Stopping Time, default '23:59:59'
- `monday` - Set to 1 if you want to run this day of the week, default '1'
- `tuesday` - Set to 1 if you want to run this day of the week, default '1'
- `wednesday` - Set to 1 if you want to run this day of the week , default '1'
- `thursday` - Set to 1 if you want to run this day of the week, default '1'
- `friday` - Set to 1 if you want to run this day of the week, default '1'
- `saturday` - Set to 1 if you want to run this day of the week, default '1'
- `sunday` - Set to 1 if you want to run this day of the week, default '1'

**Campaign Settings**:

- `frequency` - Define the frequency, speed of the campaign. This is the number of calls per minute.
- `callmaxduration` - Define the max retry allowed per user.
- `maxretry` - Define the max retry allowed per user.
- `intervalretry` - Define the time to wait between retries in seconds
- `calltimeout` - Define the amount of second to timeout on calls

**Gateways**:

- `aleg_gateway` - Define the Gateway to use to reach the subscriber
- `voipapp` - Define Application to provide when the calls is established on the A-Leg
- `voipapp_data` - Define the additional data to pass to the application

**CURL Usage**:

```
curl -u username:password -i -H "Accept: application/json" -X POST http://127.0.0.1:8000/api/dialer_campaign/campaign/ -d "name=my
```

**Example Response**:

```
HTTP/1.0 200 OK
Date: Mon, 09 May 2011 06:14:18 GMT
Server: WSGIServer/0.1 Python/2.6.2
Vary: Authorization
Content-Type: application/json; charset=utf-8

{
    "status": 1,
    "voipapp": {
```

```
            "gateway_id": 1,
            "updated_date": "2011-05-06 05:06:53",
            "description": "",
            "_state": "<django.db.models.base.ModelState object at                    0x9899f4c>",
            "created_date": "2011-04-08 08:00:09",
            "type": 1,
            "id": 1,
            "name": "Default_VoIP_App"
        },
        "startingdate": "2011-03-29 09:48:56",
        "name": "mylittlecampaign",
        "voipapp_data": "2000",
        "callmaxduration": "50",
        "intervalretry": "3000",
        "id": 2,
        "phonebook": [
            {
                "name": "mylittlecampaign",
                "id": 2
            }
        ],
        "frequency": "20",
        "maxretry": "3",
        "expirationdate": "2011-03-28 17:08:56",
        "aleg_gateway": {
            "updated_date": "2011-04-08 07:51:02",
            "status": 1,
            "protocol": "SIP",
            "description": "This is default gateway",
            "failover_id": null,
            "count_call": null,
            "hostname": "localhost",
            "_state": "<django.db.models.base.ModelState object at                    0x9899fcc>",
            "maximum_call": null,
            "count_in_use": null,
            "removeprefix": "",
            "addparameter": "",
            "secondused": null,
            "created_date": "2011-04-08 07:51:02",
            "addprefix": "",
            "id": 1,
            "name": "Default_Gateway"
        },
        "calltimeout": "60"
}
```

**Error**:

- You have too many campaign. Max allowed 5
- The Gateway ID doesn't exist!
- The VoipApp doesn't exist!
- The Campaign name duplicated!

## method *update*(campaign_id) :

API to update campaign status

**Attributes**:

- `campaign_id` - Campaign ID
- `status` - new campaign status values (1:START, 2:PAUSE, 3:ABORT, 4:END)

**CURL Usage**:

```
curl -u username:password -i -H "Accept: application/json" -X PUT http://127.0.0.1:8000/api/dialer_campaign/campaign/%campaign_id%
```

**Example Response**:

```
{
    "status": "2",
    "voipapp": {
        "gateway_id": 1,
        "updated_date": "2011-05-06 05:06:53",
        "description": "",
        "_state": "<django.db.models.base.ModelState object at                    0x9d280cc>",
        "created_date": "2011-04-08 08:00:09",
        "type": 1,
        "id": 1,
        "name": "Default_VoIP_App"
    },
    "startingdate": "2011-03-29 09:48:56",
    "name": "mylittlecampaign",
    "voipapp_data": "2000",
    "callmaxduration": 50,
    "intervalretry": 3000,
    "id": 2,
    "phonebook": [
```

```
    {
        "name": "mylittlecampaign",
        "id": 2
    }
],
"frequency": 20,
"maxretry": 3,
"expirationdate": "2011-03-28 17:08:56",
"aleg_gateway": {
    "updated_date": "2011-04-08 07:51:02",
    "status": 1,
    "protocol": "SIP",
    "description": "This is default gateway",
    "failover_id": null,
    "count_call": null,
    "hostname": "localhost",
    "_state": "<django.db.models.base.ModelState object at                    0x9d20fac>",
    "maximum_call": null,
    "count_in_use": null,
    "removeprefix": "",
    "addparameter": "",
    "secondused": null,
    "created_date": "2011-04-08 07:51:02",
    "addprefix": "",
    "id": 1,
    "name": "Default_Gateway"
},
"calltimeout": 60
}
```

**Error**:

- Campaign not found.

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## contact :

Accepted methods: **POST**, **GET**, **PUT**

### method *read*(campaign_id=<optional>, contact=<optional>) :

API to read all pending contact, or a specific contact if contact_id is supplied

**Attributes**:

- `campaign_id` - Campaign ID
- `contact` - contact number of the subscriber

**CURL Usage**:

```
curl -u username:password -i -H "Accept: application/json" -X GET http://127.0.0.1:8000/api/dialer_campaign/contact/%campaign_id%/
```

```
curl -u username:password -i -H "Accept: application/json" -X GET http://127.0.0.1:8000/api/dialer_campaign/contact/%campaign_id%/
```

**Example Response**:

```
[
    {
        "status": null,
        "contact_id": 1,
        "last_attempt": null,
        "count_attempt": 0
    },
    {
        "status": null,
        "contact_id": 4,
        "last_attempt": null,
        "count_attempt": 0
    }
]
```

**Error**:

- No value for Campaign ID !

### method *create*() :

API to create new contact

**Attributes Details**:

- `contact` - contact number of the Subscriber
- `last_name` - last name of the Subscriber
- `first_name` - first name of the Subscriber
- `email` - email id of the Subscriber
- `description` - Short description of the Subscriber
- `additional_vars` - Additional setting of the Subscriber
- `phonebook_id` - the phonebook Id to which we want to add the Subscriber

**CURL Usage**:

```
curl -u username:password -i -H "Accept: application/json" -X POST http://127.0.0.1:8000/api/dialer_campaign/contact/ -d "contact=
```

**Example Response**:

```
{
    "status": 1,
    "contact": {
        "status": 1,
        "updated_date": "2011-05-09 02:16:29",
        "last_name": "belaid",
        "first_name": "areski",
        "email": "areski@gmail.com",
        "additional_vars": "",
        "phonebook": {
            "id": 1,
            "name": "Default_Phonebook",
            "description": "This is default phone book"
        },
        "contact": "650784355",
        "created_date": "2011-05-09 02:16:29",
        "description": null
    },
    "id": 1
}
```

**Error**:

- You have too many contacts per campaign. You are allowed a maximum of xxx
- The PhoneBook ID doesn't exist!
- The contact duplicated xxxxxxxxxxxxx

## method *update*(campaign_id=<optional>, contact=<optional>) :

API to update contact

**Attributes**:

- `campaign_id` - Campaign ID
- `contact` - contact number of the subscriber
- `status` - campaign subscriber status values (1:START, 2:PAUSE, 3:ABORT, 4:FAIL, 5:COMPLETE)

**CURL Usage**:

```
curl -u username:password -i -H "Accept: application/json" -X PUT http://127.0.0.1:8000/api/dialer_campaign/contact/%campagin_id%/
```

**Example Response**:

```
{
    "status": "2",
    "contact": {
        "status": 1,
        "updated_date": "2011-04-29 08:44:26",
        "name": "Belaid Arezqui",
        "additional_vars": "amount=1",
        "phonebook": {
            "id": 1,
            "name": "Default_Phonebook",
            "description": "This is default phone book"
        },
        "contact": "650784355",
        "created_date": "2011-04-29 08:44:26",
        "description": "Happy customer"
    },
    "id": 1
}
```

**Error**:

- CampaignSubscriber is not found

# phonebook :

Accepted methods: **POST**, **GET**

## method *read*(phonebook_id=&lt;optional&gt;) :

API to read all created phonebook, or a specific phonebook if phonebook_id is supplied

**Attributes**:

* `phonebook_id` - Phonebook ID

**CURL Usage**:

```
curl -u username:password -i -H "Accept: application/json" -X GET http://127.0.0.1:8000/api/dialer_campaign/phonebook/
```

```
curl -u username:password -i -H "Accept: application/json" -X GET http://127.0.0.1:8000/api/dialer_campaign/phonebook/%phonebook_i
```

**Example Response**:

```
[
    {
        "id": 2,
        "name": "mylittlephonebook",
        "description": ""
    },
    {
        "id": 1,
        "name": "Default_Phonebook",
        "description": "This is default phone book"
    }
]
```

**Error**:

* Phonebook not found

## method *create*() :

API to create new phonebook

**Attributes**:

* `name` - Name of the Phonebook
* `description` - Short description of the Campaign
* `campaign_id` - Campaign ID

**CURL Usage**:

```
curl -u username:password -i -H "Accept: application/json" -X POST http://127.0.0.1:8000/api/dialer_campaign/phonebook/ -d "name=m
```

**Example Response**:

```
{
    "id": 1,
    "name": "mylittlephonebook",
    "description": ""
}
```

**Error**:

* The Campaign ID doesn't exist!
* Error adding Phonebook!