

PushSMSCallout

The purpose of this API resource is to send SMS messages in bulk. It does not create records of smsMagicObject inside your Salesforce organization.

The Apex API class contains a **pushSMSCallout()** static method, which accepts the list of objects in **smagicinteract__smsMagic__c** and returns a text response.

You can use this API resource as follows:

```
String responseText = smagicinteract.ApexAPI.pushSMSCallout(smsObjectList);
```

There are two ways to use **PushSMSCallout**.

1. When we call from a trigger, it's necessary to use future annotation

```
@future(callout=true)
```

This is necessary because Salesforce does not permit making a callout directly from a trigger. Here is a code example:

```
trigger SendSmsToContact on Contact (after insert) {
    List conList=Trigger.new;
    List idList=new List();

    for(Contact key:conList){
        idList.add(key.id);
    }
    sendSmsToContactHelperClass.sendSms(idList);
}

public class SendSmsToContactHelperClass {
    @future(callout=true)
    public static void sendSms(List idList){
        String query='select id,MobilePhone,Name from Contact where id in : idList';
        List conList=Database.query(query);
        List smsObjectList = new List();
        String templateText = 'test SMS by Screen Magic';
        String senderId = 'smsMagic'; // Please replace the 'smsMagic' with your
        relevant sender ID.

        for(Contact contact:conList){
            smagicinteract__smsMagic__c smsObject = new smagicinteract__smsMagic__c();
            if(contact.MobilePhone != null){
                smsObject.smagicinteract__SenderId__c = senderId;
                smsObject.smagicinteract__PhoneNumber__c =contact.MobilePhone;
                smsObject.smagicinteract__Name__c =contact.Name;
                smsObject.smagicinteract__ObjectType__c = 'Contact';
            }
        }
    }
}
```

```

smsObject.smagicinteract__disableSMSOnTrigger__c =1;
smsObject.smagicinteract__external_field__c =
smagicinteract.ApexAPI.generateUniqueKey();
smsObject.smagicinteract__SMSText__c = templateText;
smsObjectList.add(smsObject);
}
}

/*
 * Note : When you are using pushSMSCallout method to send the SMS
 * please make sure that smagicinteract__disableSMSOnTrigger__c
 * should have value as 1.
 */
String response = smagicinteract.ApexAPI.pushSMSCallout(smsObjectList);
Database.insert(smsObjectList,false);
}
}

```

2. The other way to use **PushSMSCallout** is a direct callout—when we do not call from a trigger. Here is a code example.

```

String query='select id,MobilePhone,Name from Contact where id in : idList';
List conList=Database.query(query);
List smsObjectList = new List();
String templateText = 'test SMS by Screen Magic';
String senderId = 'smsMagic'; // Please replace the 'smsMagic' with your
relevant sender ID.
for(Contact contact:conList){
smagicinteract__smsMagic__c smsObject = new smagicinteract__smsMagic__c();
if(contact.MobilePhone != null){
smsObject.smagicinteract__SenderId__c = senderId;
smsObject.smagicinteract__PhoneNumber__c =contact.MobilePhone;
smsObject.smagicinteract__Name__c =contact.Name;
smsObject.smagicinteract__ObjectType__c = 'Contact';
smsObject.smagicinteract__disableSMSOnTrigger__c =1;
smsObject.smagicinteract__external_field__c =
smagicinteract.ApexAPI.generateUniqueKey();
smsObject.smagicinteract__SMSText__c = templateText;
smsObjectList.add(smsObject);
}
}
/*
 * Note : When you are using pushSMSCallout method to send the SMS
 * please make sure that smagicinteract__disableSMSOnTrigger__c
 * should have value as 1.
 */
String response = smagicinteract.ApexAPI.pushSMSCallout(smsObjectList);
Database.insert(smsObjectList,false);

```

Alternative method for PushSMSCallout

If you do not want to use **PushSMSCallout**, you can use the **SendSMS** code of trigger to send out SMS. When you insert an **SMShistory** record, it invokes a trigger code – which will send out an SMS message to your recipient. You'll need to set the value of **disableSMSOnTrigger** to 0.

Below is a sample code.

```
String query='select id,MobilePhone,Name from Contact where id in : idList';
List conList=Database.query(query);
List smsObjectList = new List();
String templateText = 'test SMS by Screen Magic';
String senderId = 'smsMagic'; // Please replace the 'smsMagic' with your
relevant sender ID.
for(Contact contact:conList){
    smagicinteract__smsMagic__c smsObject = new smagicinteract__smsMagic__c();
    if(contact.MobilePhone != null){
        smsObject.smagicinteract__SenderId__c = senderId;
        smsObject.smagicinteract__PhoneNumber__c =contact.MobilePhone;
        smsObject.smagicinteract__Name__c =contact.Name;
        smsObject.smagicinteract__ObjectType__c = 'Contact';
        smsObject.smagicinteract__disableSMSOnTrigger__c =0;
        smsObject.smagicinteract__external_field__c =
        smagicinteract.ApexAPI.generateUniqueKey();
        smsObject.smagicinteract__SMSText__c = templateText;
        smsObjectList.add(smsObject);
    }
}
Database.insert(smsObjectList,false);
```

Limitation

The maximum size of a callout request or response is 3 MB.