

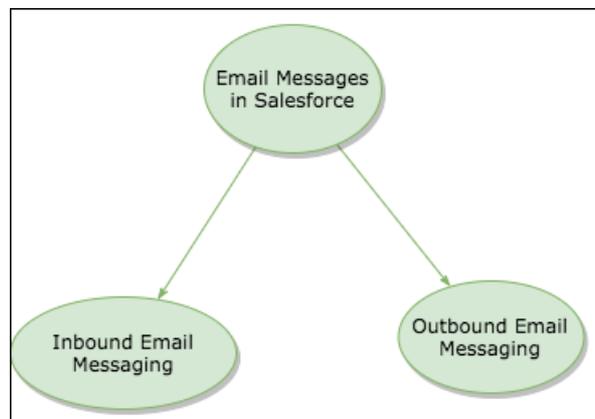
## Email Messages in Salesforce | Inbound, Outbound Messages

Email Messages in Salesforce are powerful, robust and provide secure functionality to send an Email from Salesforce. In this [Salesforce tutorial](#), we will learn about Email Programming, different types of email, What is Single Email Messages in Salesforce and Methods, What is Mass Email Message in Salesforce, Attaching files to outbound emails, Attaching documents to outbound email messages in Salesforce.

1. [Types of Email Services in Salesforce.](#)
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### Email Messages in Salesforce

Email Messages in Salesforce are powerful, robust and provide secure functionality to send an Email from Salesforce. It is very important to send and receive an Email from Salesforce to the external system then we use Email services. In Salesforce, we have two types of Email Services they are



1. Inbound Email Messaging
2. Outbound Email Messaging.

### Outbound Email Messaging

Outbound Email Messaging is used to send an Email to external system using Apex Code. They are 2 types of outbound Emails.

1. Single Email Message.
2. Mass Email Message.

### Single Email Message

Single Email Message instantiates an email object used for sending a single email message.

## Syntax

```
Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage();
```

```
Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage();
```

As shown in above class, **Messaging** name space provides classes and methods for Salesforce outbound and Inbound email services. The methods in the above class sends single email message to external system. To send single email message, first we have to create an object for SingleEmailmessage.

## SingleEmailMessage Methods

Single Email message consists of nearly 19 methods that can be used in Email messages in Salesforce.

### SetBccAddresses(bccAddresses)

This method will set Bcc Address to the whom the email should be sent. We can set up to 25 email addresses.

```
String[] toBccAddresses = new String[] {'tutorialkart@gmail.com',example@gmail.com};
```

```
String[] toBccAddresses = new String[] {'tutorialkart@gmail.com',example@gmail.com};  
mail.setBccAddress(tobccaddress);
```

### setCcAddresses(ccAddresses)

This method will set CcAddress to whom the mail should be sent. We can set up to 25 email address.

```
String[] toCcAddresses = new String[] {'tutorialkart@gmail.com',example@gmail.com};
```

```
String[] toCcAddresses = new String[] {'tutorialkart@gmail.com',example@gmail.com};  
mail.setCcAddress(tocccaddress);
```

### setToaddress()

This method will set the address, we can set up to 100 addresses.

```
String[] toAddress = new String[] {'tutorialkart@gmail.com',example@gmail.com};
```

```
String[] toAddress = new String[] {'tutorialkart@gmail.com',example@gmail.com};
mail.setToAddress(toaddress);
```

## setSubject(string)

setSubject( ) method will set the subject of mail.

```
myemail.setSubject('tu  
tutorialkart');
```

```
myemail.setSubject('tutorialkart');
```

## setPlainTextBody()

setPlainTextBody() will set the main body of the mail.

```
myemail.setPlainTextBo  
dy('Welcome to
```

```
myemail.setPlainTextBody('Welcome to tutorialkart');
```

## setHtmlBody(htmlBody)

setHtmlBody( ) will set the main body of the mail.

```
myemail.setHtmlBody('  
<h1> Subscribe to
```

```
myemail.setHtmlBody('<h1> Subscribe to tutorialkart.com'</h1>);
```

## MassEmailMessage

Through MassEmailMessage we can send a mass email messages to a recipient list that consists of contacts, Leads, Person accounts or users you can view in Salesforce.

## Messaging.MassEmailMessage

Messaging.MassEmailMessage class all the methods defined in the Email class and also Email base class methods.

## Signature : public MassEmailMessage()

Mass Email Message Methods

- **setDescription(description)** : This will give the description about the mail.
- **setTargetObjectIds(targetObjectIds)** : We can add upto 250 IDs per email. If you specify a value for the target Object Id's field optionally specify a WhatID's as well.
- **setWhatIds(whatIds)** : This values can be . any one of the following contact, case, opportunity and product.

## Syntax

```
Messaging.MassEmailM  
essage mail = new
```

```
Messaging.MassEmailMessage mail = new Messaging.MassEmailMessage();
```

## Salesforce Apex

▸ [What is Salesforce Apex?](#)

## Apex Basics

▸ [How to Enable Developing Mode in Salesforce?](#)

▸ [How to use Salesforce developer Console.](#)

▸ [Apex Data types.](#)

▸ [Apex - Variables](#)

▸ [Apex - Class](#)

▸ [Apex - Methods](#)

▸ [Apex - Constructors](#)

▸ [Apex - Scheduler](#)

▸ [What is Salesfore Batch Apex](#)

▸ [Batch Apex - Governor Limits](#)

▸ [Triggers in Salesforce](#)

▸ [Email Messages - Inbound, Outbound](#)

▸ [Apex - Interface](#)

▸ [Apex - DML statements](#)