



360 Mass Mailer

Global Methods



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Mass Mailer

360 DEGREE CLOUD TECHNOLOGIES PVT. LTD.

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Mass Mailer – Global Methods

A. TDC_EC.globalEmailsender.sendEmailExt(<var1>, <var2>, <var3>)

This method is used to send emails through the **Mass Mailer framework**. It requires three parameters and must be called from **synchronous Apex**.

Usage

```
// For Salesforce Template
TDC_EC.globalEmailsender.sendEmailExt(1stParams, 'SF:{!TemplateId}',
    fileId);

// For Provider Template (e.g., SendGrid)
TDC_EC.globalEmailsender.sendEmailExt(1stParams, 'SG:{!TemplateId}',
    fileId);
```

Parameters

1. <var1> → 1stParams (List of Parameters)
 - a. Must be of type: List<TDC_EC.globalEmailsender.paramExt>
 - b. paramExt is a wrapper class containing the following fields:
 - i. **Record Id (Required)** – Salesforce record Id (e.g., Contact, Lead, or custom record).
 - ii. **To Email (Required)** – Recipient email address.
 - iii. **From Email (Required)** – Sender email address.
 - iv. **Cc Email** – (Optional) CC recipient(s).
 - v. **Bcc Email** – (Optional) BCC recipient(s).
 - vi. **Reply-To Email** – (Optional) Email address for replies.
2. <var2> → Template Details
 - a. Format: 'SG:{!TemplateId}' or 'SF:{!TemplateId}'
 - b. **Salesforce Template:**
 - i. Prefix: SF: followed by Salesforce Email Template Id
 - ii. Example: SF:00XXXXXXXXXXXXXXX
 - c. **Provider Template (SendGrid):**
 - i. Prefix: SG: followed by SendGrid Template Id
 - ii. Example: SG:d-xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
3. <var3> → File Id (Optional)
 - a. Provide a **document/file Id** if including an attachment.
 - b. Use null if no attachment is required.

Example:

```
TDC_EC.globalEmailsender.sendEmailExt(lstParams, 'SF:{!TemplateId}',
null);
```

c. Limitations:

- i. Maximum file size: **5 MB**
- ii. Only **one file** per transaction

Sample Apex Code

```
// Query the Contact record
List<Contact> conList = [
    SELECT Id, LastName, Email
    FROM Contact
    WHERE Id = 'replaceContactID'
];

// Prepare parameter list
List<TDC_EC.globalEmailsender.paramExt> lstParams = new
List<TDC_EC.globalEmailsender.paramExt>();

TDC_EC.globalEmailsender.paramExt paramRecord = new
TDC_EC.globalEmailsender.paramExt(
    conList[0].Id,           // Record Id
    conList[0].Email,       // To Email
    'fromemail@example.com', // From Email
    '',                     // CC Email (optional)
    '',                     // BCC Email (optional)
    ''                      // Reply-To Email (optional)
);

lstParams.add(paramRecord);
// Prepare attachment list (optional)
List<String> FileId = new List<String>();
FileId.add('replaceFileId'); // Use null if no attachment

// Call the global email sender method
TDC_EC.globalEmailsender.sendEmailExt(lstParams, 'SF:{!TemplateId}',
FileId);
```

B. TDC_EC.globalEmailsender.sendEmail(<Var>) – Invocable Method

This method is a **global invocable method** designed for **Flows** and **Process Builder**.

It accepts a list of WrapParam objects, where each object defines the details of the email to be sent.

Method Signature

```
@InvocableMethod(Label='Send Email from Process Builder')
global static void sendEmail(List<WrapParam> parameter)
```

<var> → WrapParam Fields

Field	Description
recordId	Salesforce record Id (e.g., Contact, Lead, or custom object).
templateDetails	Email template: • Salesforce → SF:00XXXXXXXXXXXXXX • SendGrid → SG:d-xxxxxxx...
toEmailDetails	Recipient email address (comma-separated for multiple emails).
fromEmailWithName	Sender email (e.g., Support < support@domain.com >).

Sample Apex Code

```
// Prepare the list for WrapParam records
List<TDC_EC.globalEmailsender.WrapParam> wrapParams = new
List<TDC_EC.globalEmailsender.WrapParam>();

// Create a single parameter instance
TDC_EC.globalEmailsender.WrapParam param = new
TDC_EC.globalEmailsender.WrapParam();

param.recordId = '003XXXXXXXXXXXXX'; // Contact/Lead/Custom
Record Id
param.templateDetails = 'SF:00XXXXXXXXXXXXX'; // SF Template Id OR
SG Template Id
param.toEmailDetails = 'toemail@example.com';

param.fromEmailWithName = 'fromemail@example.com';
param.ccEmailWithName = ''; // (Optional) CC
param.bccEmailWithName = ''; // (Optional) BCC
param.replyToEmailWithName = ''; // (Optional) Reply-To
```

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```
param.documentIds = ''; // (Optional) File Id

// Add to list
wrapParams.add(param);

// Call the invocable method
TDC_EC.globalEmailsender.sendEmail(wrapParams);
```