Message Object Expressions

When you create a message, a message object is created with the message's metadata, which you can use in an expression. To use the current message object in the message body or message subject, use the *msg* prefix, for example, *msg.To.DisplayName*.
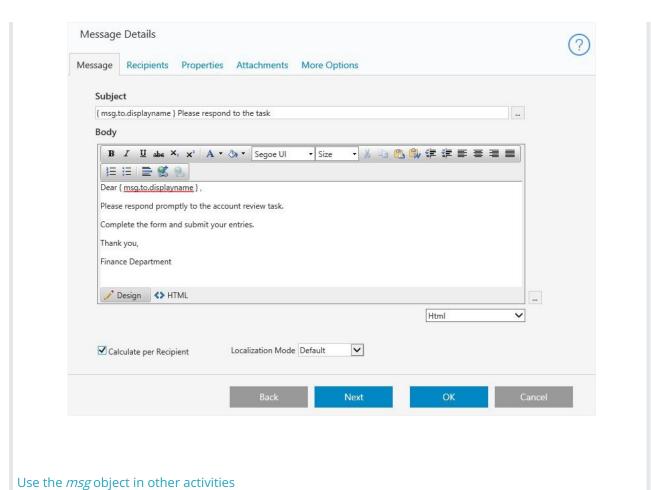
The message object contains the following fields, which you can use in an expression.

- ActivityInstanceId
- Body
- CreatedById
- Email
- Important
- IsRead
- Subject
- To (this field refers to the message recipient and has the following sub-fields)
    - CalendarId
    - DateFormat
    - DisplayName
    - Email
    - FirstName
    - LastName
    - UserId
    - UserName
- ToId

Specify recipients' first name in a message

When you send a message to multiple recipients, you can address the message to the recipients by their first name in the message body or message subject.

1. On the **Message** tab, select the **Calculate Per Recipient** check box. If you do not select this option, the *msg* object is not calculated per recipient and cannot return each recipient's attributes..
2. In the **Subject and/or Body** section, type msg.to.DisplayName.

Message Details

Message   Recipients   Properties   Attachments   More Options

Subject

{ msg.to.displayname } Please respond to the task

Body

Dear { msg.to.displayname } ,

Please respond promptly to the account review task.

Complete the form and submit your entries.

Thank you,

Finance Department

Design   <> HTML

Html

☑ Calculate per Recipient   Localization Mode Default

Back   Next   OK   Cancel

Use the *msg* object in other activities

To use the *msg* object in another activity, use the following expression.

```
.(metadata).Tasks.TaskView.(metadata).
```