

Email Tool

- [Introduction](#)
- [Email Tool Properties](#)
 - [Configure Email Tool](#)
 - [Configure SMTP Settings](#)
 - [Configure Email Attachments](#)
- [Images In Email Tool](#)
- [Download Demo App](#)
- [Related Tutorials](#)

Introduction

Email Tool enables one to send emails as part of a workflow process.
You can also use the Email Tool in Post Form Submission Processing to send out an email when the user submits the form on:

- Data creation, or
- Data update or
- Both Data creation and Data update.

Email Tool Properties

Configure Email Tool

Configure Email Tool ⓘ

Configure Email Tool > SMTP Settings > Attachments

To (Specific email address)

To (Participant ID)

CC

BCC




Subject

Message


HTML Content?

Figure 1: Email Tool Properties

Name	Description
To (Specific email address)	Recipient fully qualified address or usernames where you have already setup emails for the users(Example: admin,cat).

To (Participant ID)	<p>Participant ID(s) according to the process flow it resides in.</p> <p>Multiple values can be accepted by separating them with semicolons.</p> <div> When To (Specific email address) and To (Participant ID) are both populated, email will be sent to both.</div>
CC	<p>Fully qualified address is expected.</p> <p>Multiple values can be accepted by separating them with semicolons.</p> <div> CC: lets you send a copy of a message to someone who's interested, but is not the primary recipient.</div>
BCC	<p>Fully qualified address is expected.</p> <p>Multiple values can be accepted by separating them with semicolons.</p> <div> Both Cc and Bcc forward a copy of the message to everyone you've listed. The main difference between Cc or Carbon copy and Bcc (Blind carbon copy) is that, with the latter, the recipients do not get to know each other.</div>
Subject	Email Subject.
Message	Email Message.
HTML Content?	Check if "Message" is intended to be a HTML content.

Configure SMTP Settings

 If you leave the SMTP settings below empty, Joget will read the default SMTP configuration values from the [General Settings > SMTP Settings](#) page.

SMTP Settings

Configure Email Tool > SMTP Settings > Attachments

From

SMTP Host

SMTP Port


Security

SMTP Username

SMTP Password



Figure 2: SMTP Settings

Name	Description
From	<p>Sender email address.</p> <div> Example no-reply@your-company-name.com</div>

SMTP Host	Email Server SMTP Host <div> <i>i</i> Example smtp.gmail.com </div>
SMTP Port	Email Server SMTP Port <div> <i>i</i> Typically, port 465 for SSL security option and 587 for TLS </div>
Security	<ul style="list-style-type: none"> None TLS SSL <p>Alternatively, you can click on the "hash" symbol to allow the input of hash variables.</p>
SMTP Username	Email Server Account Username <div> <i>i</i> On Google email account, use your full email address. </div>
SMTP Password	Email Server Account Password <div> <i>i</i> Password submitted will be encrypted for security reason. </div>

i **Quick Test**
 Hit on the "Send Test Email" button to quickly validate and test the email settings.

Configure Email Attachments

Attachments

Form

f1

Form Upload Fields

FIELD ID	EMBED?
FileUpload	<input checked="" type="checkbox"/>
RichText	<input checked="" type="checkbox"/>

Files

PATH	TYPE	FILE NAME	EMBED?
https://a.beta.joget	URL	cat.jpg	<input checked="" type="checkbox"/>

Figure 3: Attachments

ICS Attachment

Attach event calendar details that are used by email and calendar programs E.g Microsoft Outlook, Google Calendar, and Apple Calendar

Attach ICS File

☒

Event Name

Start Date Time *

End Date Time

Date Format *

Timezone

All Day?

☐

Event Description

Location

Organizer Email

Figure 4: ICS Attachment

Name	Description										
Form	File attachment source form.										
Form Upload Fields	<div>Field ID: File attachment field ID(s) in the Form selected above.</div> <div>Embed: Click the checkbox to embed the image attachment in the email and display the image using HTML, for example:</div> <div></div>										
Files	<div>This attribute allows one to define the file attachment freely by defining a system path or absolute URL.</div> <table><tr><th>Name</th><th>Description</th></tr><tr><td>Path</td><td>Source file path & filename.</td></tr><tr><td>Type</td><td><ul style="list-style-type: none">System PathURL</td></tr><tr><td>File Name</td><td>File name to be used in Email attachment.</td></tr><tr><td>Embed</td><td><div>Click the checkbox to embed the image attachment in the email and display the image using HTML, for example:</div><div></div></td></tr></table> <div>See Send Datalist as attachment in Email Tool for more information.</div>	Name	Description	Path	Source file path & filename.	Type	<ul style="list-style-type: none">System PathURL	File Name	File name to be used in Email attachment.	Embed	<div>Click the checkbox to embed the image attachment in the email and display the image using HTML, for example:</div> <div></div>
Name	Description										
Path	Source file path & filename.										
Type	<ul style="list-style-type: none">System PathURL										
File Name	File name to be used in Email attachment.										
Embed	<div>Click the checkbox to embed the image attachment in the email and display the image using HTML, for example:</div> <div></div>										

Attach ICS File	<p>Check this option to prepare an event and attach as an ICS file in the email.</p> <p>When this attribute is checked, one will need to populate the details for the calendar ICS file in the fields below.</p> <ul style="list-style-type: none"> • Event Name • Start Date Time • End Date Time • Date Format • Timezone (e.g. America/Los_Angeles) (Reference: https://en.wikipedia.org/wiki/List_of_tz_database_time_zones) • All Day? • Event Description • Location • Organizer Email • Attendees <p>Important: The organizer or sender email must not be the same as your destination/recipient email. If sender and recipient emails are the same, you will not see the "Add to calendar" box in your email.</p>
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The screenshot displays the Microsoft Outlook interface for a meeting invitation. The ribbon at the top has the 'Meeting' tab selected. Below the ribbon is a toolbar with icons for 'Save & Close', 'Delete', 'Forward', 'Appointment', 'Scheduling Assistant', 'Online Meeting', 'Meeting Notes', and response buttons: 'Accept', 'Tentative Decline', and 'Decline'. A message box states: 'The organizer has not requested a response for this meeting.' The meeting details are as follows:

Organizer	sample@joget.org		
Subject	Meeting		
Location	Starbucks KLCC		
Start time	Sat 3/2/2018	9:00 AM	<input type="checkbox"/> All day event
End time	Sat 3/2/2018	6:00 PM	

The meeting body contains the text: 'Meeting content to be followed.'

Figure 5: Sample .ics File Opened using Microsoft Outlook

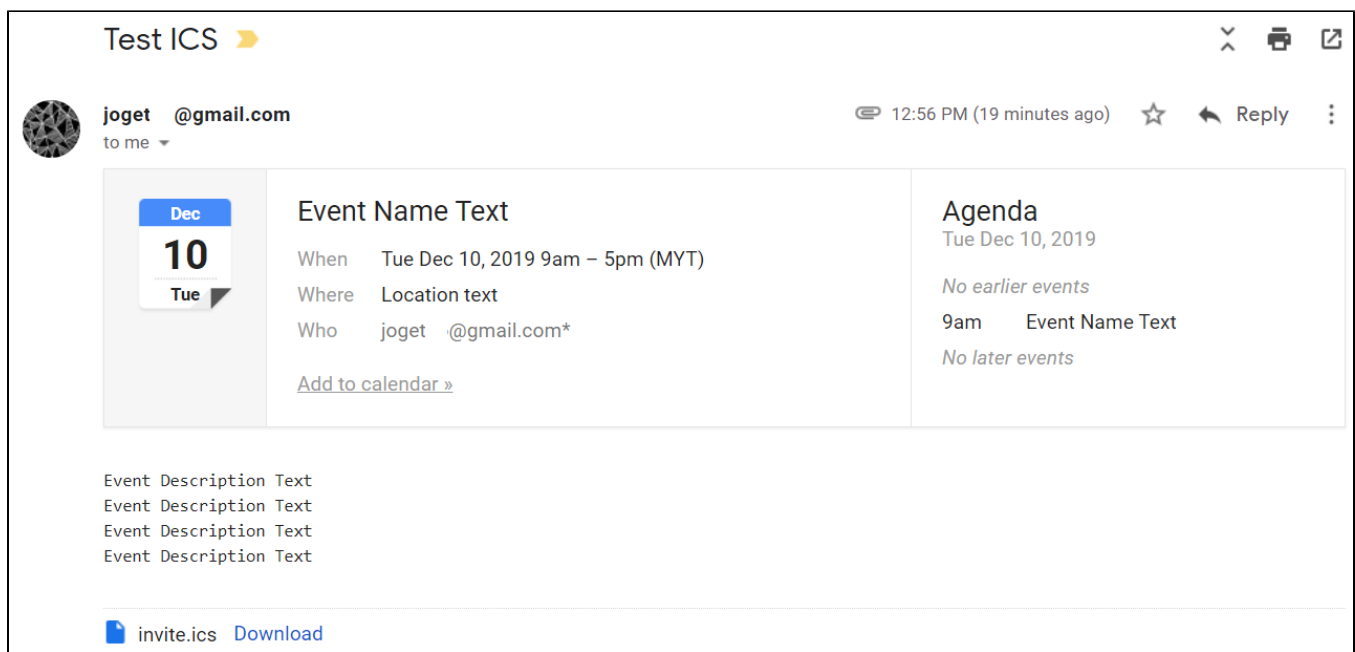


Figure 6: Sample .ics File Opened using Gmail

Images In Email Tool

In Joget DX, we introduced a new `img2base64` hash variable escape char to convert images tag src in Rich text editor field to base64 data string so that Email Tool can display the image. The syntax is: `#form.tableName.richTextFieldId?img2base64#`

Note: Google Gmail will not allow images having base64 data.

Alternatively, starting from Joget DX v7.0.7, we can now easily embed images via the **"Embed"** option in the **"Files"** property.

See this section: [Configure Email Attachments](#)

Sample app available below.

Download Demo App

- [APP_email_tool_with_ics_attachment_dx_kb.jwa](#)
- [APP_embed_image_email_dx.jwa](#) (Requires Joget DX v7.0.7 or higher)

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