

# Export Form Email Tool

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## Introduction

**Export Form Email Tool** is a process tool that allows you to send out an **email with a PDF attachment of the form.**

Apart from configuring the normal email plugin, the only other configuration you will need to do is to select the form to be attached and the desired file name for the PDF attachment.

You can also use the Export Form 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.

## Export Form Email Tool Properties

### Configure Export Email Tool

Configure Export Form Email ?

Form \*

File Name \* ?

☐ Hide Fields Without Value

☐ Show Unselected Options for Multi Options Field

Figure 1: Export Form Email Tool Properties

Name	Description
Form	Form to be used to generate pdf file. Record row will be matched with current process instance ID.
File Name	Intended pdf file name to appear in Email attachment.
Hide fields without value	When checked, any field without value keyed in will not appear in the generated pdf file.
Show unselected options for multi options field	When checked, unchecked/unselected options will appear in the generated pdf file in elements like Select Box, Radio Button.

Email Info

Email Info

To (specific email address)

To (participant ID)

CC

BCC



Subject

Message


☐ HTML Content?

Figure 2: Email Info

Name	Description
To (Specific email address)	Recipient fully qualified address.
To (Participant ID)	<div>Participant ID(s) according to the process flow it resides in.</div> <div>Multiple values can be accepted by separating them with semicolons.</div> <div><div><div></div><div>When <b>To (Specific email address)</b> and <b>To (Participant ID)</b> are both populated, email will be sent to both.</div></div></div>

CC	<p>Fully qualified address is expected.</p> <p>Multiple values can be accepted by separating them with semicolons.</p> <div> <b>CC:</b> 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 (<b>Blind carbon copy</b>) 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.

Email 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.

Email - SMTP Settings

From ?

SMTP Host ?

SMTP Port ?

Security ?



<#>v

SMTP Username


SMTP Password


Figure 3: Email SMTP Settings

Name	Description
------	-------------

From	Sender email address. <div><div> Example no-reply@your-company-name.com</div></div>
SMTP Host	Email Server SMTP Host <div><div> Example smtp.gmail.com</div></div>
SMTP Port	Email Server SMTP Port <div><div> Typically, port <b>465</b> for <b>SSL</b> security option and <b>587</b> for <b>TLS</b></div></div>
Security	<ul style="list-style-type: none"><li>• None</li><li>• TLS</li><li>• SSL</li></ul> <p>Alternatively, you can click on the "hash" symbol to allow the input of hash variables.</p>
SMTP Username	Email Server Account Username
SMTP Password	Email Server Account Password

Digital Signature

 **DIGITAL SIGNATURE**

Key Store File Path (P12) 


Key Store Passphrase

Issuer Alias

Figure 4: Digital Signature Settings

Name	Description
Key Store File Path (P12)	File path of the .pfx (or .p12) file under the "wflow" folder in your Joget DX installation folder.
Key Store Passphrase	The .jks file's Passphrase.
Issuer Alias	The digital certificate's or signature's Issuer name (alias).

Error Handling


 ERROR HANDLING

Number of Retry When Fail to Send Out Email

Retry Interval (Seconds)

Figure 5: Error Handling Settings

Name	Description
Number of Retry When Fail to Send Out Email	Number of Retries when the email is failed to be sent.
Retry Interval (Seconds)	Frequency of retries in seconds.



Quick Test

Hit on the "Send Test Email" button to quickly validate and test out your email settings.

Advanced

Advanced

Formatting (CSS)

1

Header (HTML)

1

☐ Repeat Header on Every Page?

Footer (HTML)

1

☐ Repeat Footer on Every Page?

Figure 6: Advanced Settings

Name	Description
Formatting (CSS)	<p>CSS to be included when generating pdf file.</p> <p>The <b>Advanced &gt; Formatting (CSS)</b> field gives you formatting options (font size and color) for the output.</p> <p><u><a href="#">Available CSS Classes:</a></u></p>

```

    *
- Wildcard. Everything in the form.

.form-section
- Container of a section

.form-section-title
- Container of section title

.form-column
- Container of column

.form-cell
- Container of field

.label
- Label of field

//Sub Form
.subform-container
- Container of a Subform

.subform-title
- Container of Subform title

.subform-section
- Container of section in Subform

.subform-section-title
- Container of section title in Subform

.subform-column
- Container of column in Subform

.subform-cell
- Container of field in Subform

.header
- Container of configured header

.footer
- Container of configured footer
```

[blocked URL](#)

Figure 5: This figure illustrates the CSS classes used in the form layout.

### Example

```
//Change all word to blue color
*, .form-cell{
  color:blue;
}

//Change all word to smaller size
*, .form-cell{
  font-size:10px;
}

//Change all label format to underline
.label{
  text-decoration:underline;
}

//Transform all header format to uppercase
.form-section-title{
  text-transform:uppercase;
}
```

### Font & Unicode

There are a few fonts (added by default) that you can use in CSS formatting. They are:

`serif, sans-serif, monospace, Courier, TimesRoman`

For Unicode content, you can use the following fonts for Asian languages (i.e., Chinese, Traditional Chinese, Japanese, Korean):

`STSong-Light, MSung-Light, HeiseiMin-W3, HYGoThic-Medium`

Note : "STSong-Light" gives the best result for Chinese; "MSung-Light" for Traditional Chinese; "HeiseiMin-W3" for Japanese; and "HYGoThic-Medium" for Korean.



```
*{font-family:HYGoThic-Medium;}
```

**Example for adding non supported font:**

Method 1: Add the following CSS into Export Form Email Tool > "Formatting (CSS)" field:

```
@font-face {  
  src: url(http://localhost:8080/THSarabun.ttf);  
  -fs-pdf-font-embed: embed;  
  -fs-pdf-font-encoding: Identity-H;  
}  
*{font-family: 'TH SarabunPSK';}
```

Download the THSarabun.ttf font file and copy it to "Tomcat Directory/webapps/ROOT" folder.

Method 2: From Joget v6.0.16, it now supports adding additional font for datalist pdf export and FormPdfUtil by adding the font file to folder "wflow/fonts" directory and configure the font in "fonts.csv" file in the same directory with format "font family name, file name, encoding". For the sample, kindly refer to the [fonts.csv](#) file.

Header (HTML)	Header in HTML to be included when generating pdf file.
Repeat header on every page?	If checked, the <b>Header (HTML)</b> will be included in every subsequent pages in the generated pdf file.
Footer (HTML)	Footer in HTML to be included when generating pdf file.
Repeat footer on every page?	If checked, the <b>Footer (HTML)</b> will be included in every subsequent pages in the generated pdf file.

## Configure Email Attachments

Attachments

Form

Form Upload Fields

1. Form Upload Fields

Field ID

☐ Embed?

+ Add

Files

1. Files

Path

Type

System Path

File Name

☐ Embed?

+ Add

Figure 7: Attachment Settings

## 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 \*

This field is mandatory

End Date Time

Date Format \*

Timezone

☐ All Day?

<#>

Event Description

Location

Organizer Email

Attendees

1. Attendees



Name \*

Email \*

☐ Required

Add

This field is mandatory

Figure 8: ICS Attachment Settings

Name	Description										
Form	File attachment source form.										
Form Upload Fields	<div>Field ID: File attachment field ID(s) in the <b>Form</b> selected above.</div> <div>Embed: Click the checkbox to embed the image attachment in the email and display the image using HTML, for example: <pre>&lt;img src="cid:#form.table.FileUpload?url#" /&gt;</pre></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 &amp; filename.</td></tr><tr><td>Type</td><td><ul style="list-style-type: none"><li>System Path</li><li>URL</li></ul></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: <pre>&lt;img src="cid:cat.jpg" /&gt;</pre></div></td></tr></table> <div>See <a href="#">Send Datalist as attachment in Email Tool</a> for more information.</div>	Name	Description	Path	Source file path & filename.	Type	<ul style="list-style-type: none"><li>System Path</li><li>URL</li></ul>	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: <pre>&lt;img src="cid:cat.jpg" /&gt;</pre></div>
Name	Description										
Path	Source file path & filename.										
Type	<ul style="list-style-type: none"><li>System Path</li><li>URL</li></ul>										
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: <pre>&lt;img src="cid:cat.jpg" /&gt;</pre></div>										
Attach ICS File	<div>Check this option to prepare an event and attach as an ICS file in the email.</div> <div>When this attribute is checked, one will need to populate the details for the calendar ICS file in the fields below.</div> <ul style="list-style-type: none"><li>Event Name</li><li>Start Date Time</li><li>End Date Time</li><li>Date Format</li><li>Timezone (e.g. America/Los_Angeles) (Reference: <a href="https://en.wikipedia.org/wiki/List_of_database_time_zones">https://en.wikipedia.org/wiki/List_of_database_time_zones</a>)</li><li>All Day?</li><li>Event Description</li><li>Location</li><li>Organizer Email</li><li>Attendees ( Name and Email are mandatory fields if one chooses to add attendees)</li></ul> <div>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.</div>										

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