

PDF Audit Trail Plugin

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Description

This is an Audit Trail plugin that intercepts assignment completion event. This plugin can be configured to store form with form data in .pdf extension of a completed assignment in the server or/and send out the attachment as email.

Plugin Info

Marketplace link:

Plugin Type: Audit Trail Plugin

Joget Version: Version 5.0 onward

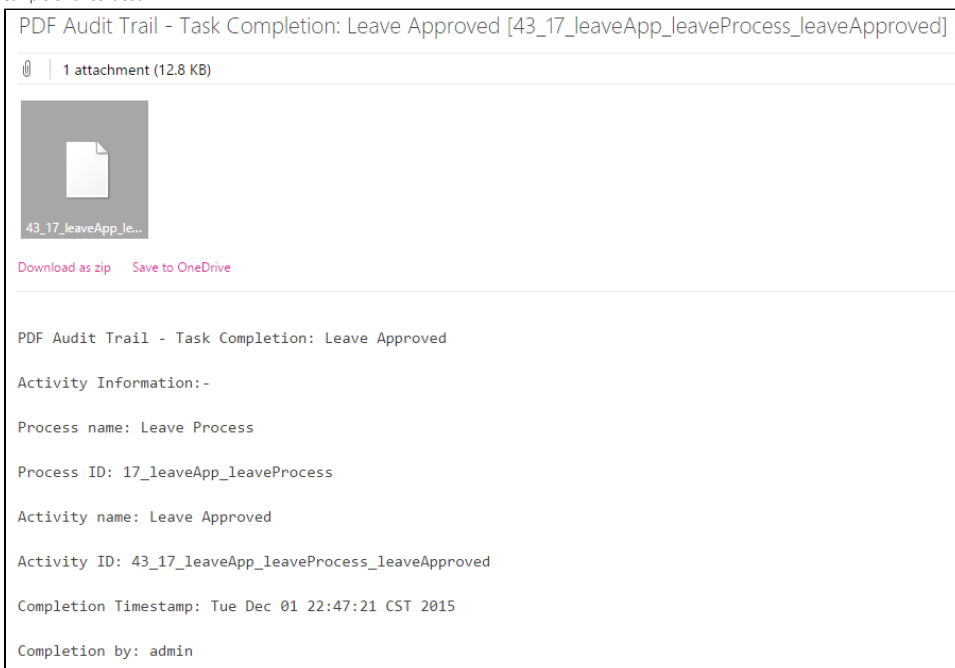
Joget Edition: Community and Enterprise

Installations

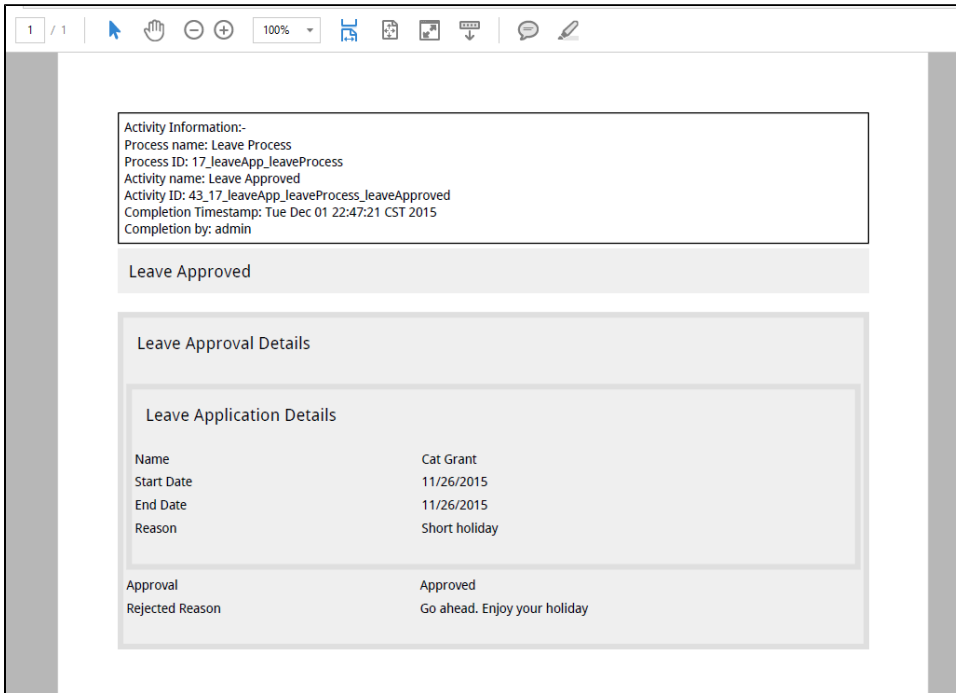
1. Upload the downloaded jar file through [Manage Plugins](#).
2. Go to your desired **App -> Properties & Export -> Set Plugin Default Properties** and choose **PDF Audit Trail**.
3. Configure.

Screenshots

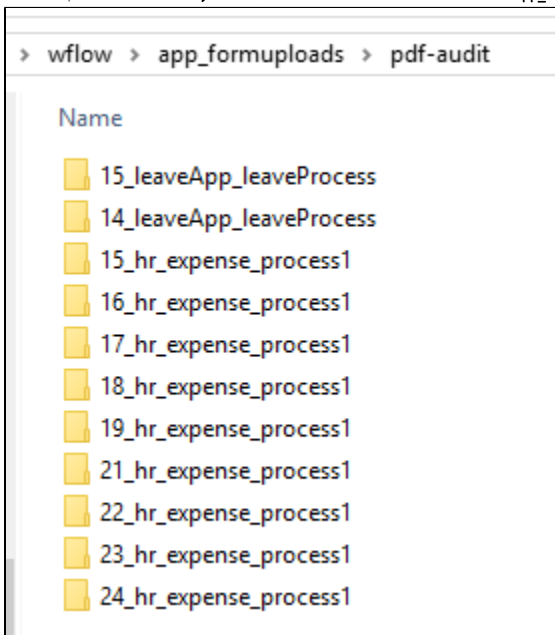
1. Sample email sent out.



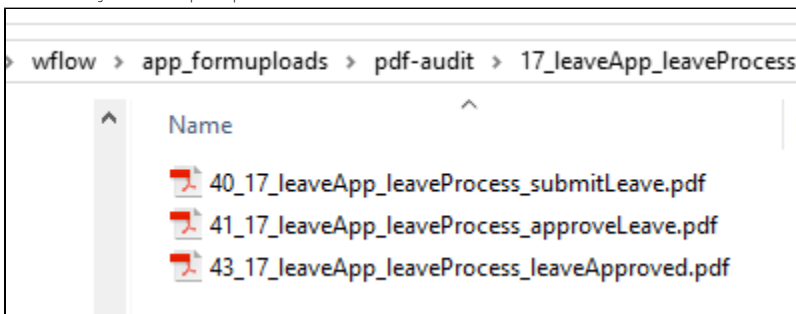
2. Sample pdf file generated.









3. With the option **Store File Locally** checked, PDF file created will be stored in **wflow/app_formuploads/pdf-audit/[Process Instance ID]** folder.





4. This is the listing of files for a specific process instance.






Configure PDF Audit Trail

Label	Description
SMTP Host	<p>Email Server SMTP Host</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p> Example</p> <p>smtp@gmail.com</p> </div>
SMTP Port	<p>Email Server SMTP Port</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p> Typically, port 465 for SSL security option and 587 for TLS</p> </div>
Security	<ul style="list-style-type: none"> • None • TLS • SSL
SMTP Username	<p>Email Server Account Username</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p> On Google email account, use your full email address.</p> </div>
SMTP Password	<p>Email Server Account Password</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p> Password submitted will be encrypted for security reason.</p> </div>
Store File Locally	<p>When checked, PDF file of the form submitted will be saved to the server.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p> Convenient toggle to enable/disable local file storing. File will be stored at <code>app_formuploads\pdf-audit\[PID]\[AID].pdf</code></p> </div>
Send Email	<p>When checked, PDF file of the form submitted will be sent out.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p> Convenient toggle to enable/disable Email sending.</p> </div>

Email

Label	Description
From	<p>Sender email address.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p> Example</p> <p>no-reply@your-company-name.com</p> </div>
To (Specific email address)	<p>Recipient fully qualified address.</p>
CC	<p>Fully qualified address is expected.</p> <p>Multiple values can be accepted by separating them with semicolons.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p> CC: lets you send a copy of a message to someone who's interested, but is not the primary recipient.</p> </div>

Send Separate Email to Performer	<p>When checked, a copy of email will be sent out to the actual performer himself/herself.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">  If you wish to give the performer of the activity a copy of the PDF, you may check this. </div>
Subject	Email subject
Email Message	Email Message
Include Activity Information in Email message	<p>When checked, additional information will be prepended to the email message.</p> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p>PDF Audit Trail - Task Completion: Leave Approved [43_17_leaveApp_leaveProcess_leaveApproved]</p> <p> 1 attachment (12.8 KB)</p> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;">  <p>43_17_leaveApp_le...</p> <p>Download as zip Save to OneDrive</p> </div> <div style="border: 2px solid red; padding: 5px; margin-top: 10px;"> <p>PDF Audit Trail - Task Completion: Leave Approved</p> <p>Activity Information:-</p> <p>Process name: Leave Process</p> <p>Process ID: 17_leaveApp_leaveProcess</p> <p>Activity name: Leave Approved</p> <p>Activity ID: 43_17_leaveApp_leaveProcess_leaveApproved</p> <p>Completion Timestamp: Tue Dec 01 22:47:21 CST 2015</p> <p>Completion by: admin</p> </div> </div>
HTML Content?	Check if "Message" is intended to be a HTML content.

Customize PDF

Name	Description
Formatt ing (CSS)	<p>CSS to be included when generating pdf file.</p> <p>The Advanced > Formatting (CSS) field gives you formatting options (font size and color) for the output.</p> <p>Available CSS Classes:</p> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <pre> * - 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 </pre> </div>

```

.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

```

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;}
```

Header (HTML)	Header in HTML to be included when generating pdf file.
Repeat header on every page?	If checked, the Header (HTML) 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 Footer (HTML) will be included in every subsequent pages in the generated pdf file.
Include Activity Information in PDF	

When checked, activity information will be prepended to the top of the pdf file.

Activity Information:-
Process name: Leave Process
Process ID: 17_leaveApp_leaveProcess
Activity name: Leave Approved
Activity ID: 43_17_leaveApp_leaveProcess_leaveApproved
Completion Timestamp: Tue Dec 01 22:47:21 CST 2015
Completion by: admin

Leave Approved

Leave Approval Details

Leave Application Details

Name	Cat Grant
Start Date	11/26/2015
End Date	11/26/2015
Reason	Short holiday

Approval	Approved
Rejected Reason	Go ahead. Enjoy your holiday

Activity Exclusion

Label	Description
Activity Exclusion	Define activities not to be included in this plugin.

Changes Log

Version	Items
5.0.0	<ul style="list-style-type: none">Initial release

Support

Report bugs to [dev\[at\]joget\[dot\]org](mailto:dev[at]joget[dot]org).