



CODEYLABS

**DRTE**

**Developer Documentation: Upload Signed Document On E Signature Log**



**DRTE**

# 1. Overview

The [uploadAndGetFileIdOfSignedDocument](#) (**Upload Signed Document from E-Signature Log Record**) method is a global Invocable Action provided by the DRTE package. It is designed to be called within a **Salesforce Flow** after a signing process is completed.

The method performs the following server-side operations:

1. **PDF Generation:** Renders the finalized document (including signatures) using the internal DRTE PDF engine.
2. **File Creation:** Generates a standard Salesforce **ContentVersion** (File).
3. **Automatic Linking:** Attaches the generated File to the specified **E-Signature Log** record.
4. **ID Return:** Returns the unique ID of the new File for use in subsequent Flow steps (e.g., sending an email with the attachment).

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## 2. Input Parameters

When configuring the "Apex Action" in Flow, the following input variables are available:

Parameter	API Name	Data Type	Required	Description
<b>Record ID</b>	recordId	Text	<b>Yes</b>	The Salesforce ID of the <b>E-Signature Log</b> record.
<b>Envelope Token</b>	token	Text	<b>Yes</b>	The unique security token/Envelope ID associated with the signing request.
<b>File Name</b>	fileName	Text	No	The desired name for the PDF file (omit ".pdf"). Defaults to the Token value if left blank.
<b>Footer Text</b>	footerText	Text	No	Custom text to appear in the footer of the generated PDF.

<b>Header Image URL</b>	headerImageURL	Text	No	A public URL for a logo to be rendered in the PDF header.
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### 3. Output Values

Parameter	Data Type	Description
<b>Output Value</b>	Text (String)	The ID of the generated <b>ContentVersion</b> record (The File ID).

### 4. How to Use in Salesforce Flow

#### Step 1: Trigger the Flow

Typically, this action is used in a **Record-Triggered Flow** on the `pscdnryrichtext__ESignature_Log__c` object when the **Status** changes to "Completed" or "Signed."

#### Step 2: Add the Apex Action

1. In the Flow Builder, add a new **Action** element.
2. Search for "**Upload Signed Document from E-Signature Log Record**".
3. Map your variables:
  - **Record ID:** `{!$Record.Id}`
  - **Envelope Token:** `{!$Record.pscdnryrichtext__Token__c}`
  - **File Name:** "Executed\_Contract\_{\$Record.Name}"

#### Step 3: Utilize the Output

Since the action returns the **File ID**, you can add a subsequent step to:

- Post the file to a Chatter feed.
- Send an Email Alert with the File attached (using the **ContentVersion** ID).
- Update the parent record (e.g., Opportunity) with a link to the new file.

### 5. Technical Considerations & Security

- **PDF Rendering Context:** This method uses `Page.getContentAsPDF()`. Please note that this is a **callout-like operation**. If you are calling this from a loop, ensure you stay within Salesforce governor limits for heap size and CPU time.

- **Atomic Operation:** The file insertion and the link to the recordId happen in a single transaction. If the file creation fails, the transaction rolls back to maintain data integrity.