

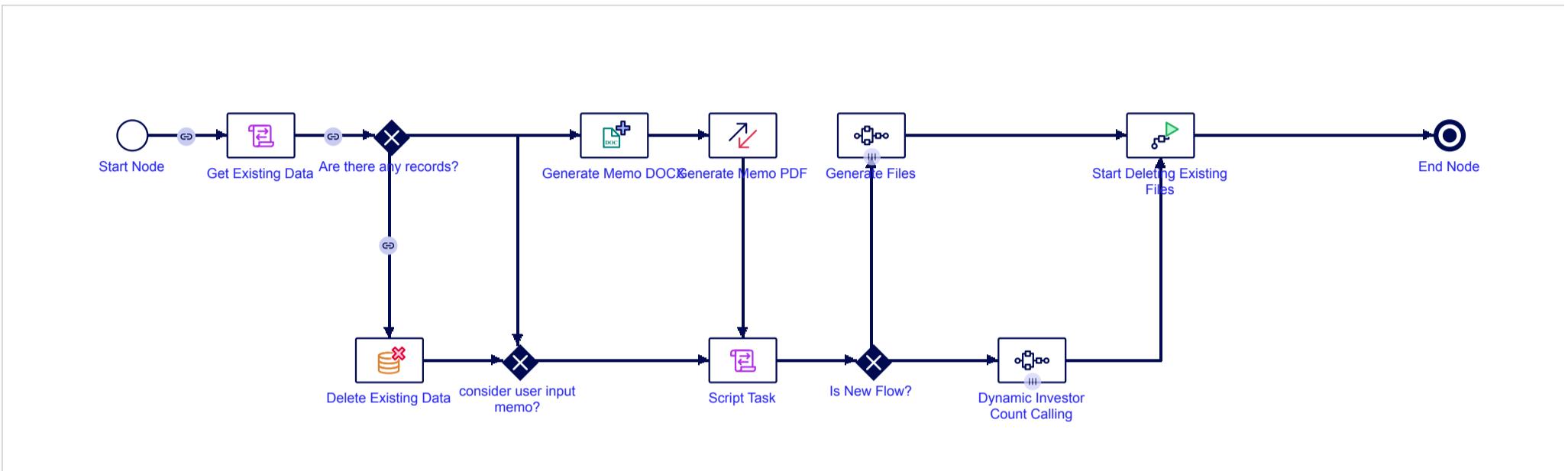
EAP Invoke Output Files Generation

This Process model is used to invoke output files generation

1 Process Model Properties

| | |
|----------------------|--|
| Process Display Name | = rule!EAP_RULE_GenerateProcessName(id: pv!requestId, processModelName: "EAP Invoke Output Files Generation RequestId") |
| Model Id | 6292 |
| UUID | 0006ec57-7bea-8000-1cef-7f0000014e7a |
| Last updated | by gopinath.m1@wipro.com |

2 Process Model Diagram



3 Process Model Contents

Process Start Form Type SAIL Form

Process Variables (7)

| Name | Type | Multiple | Default Value | Parameter | Required | Hidden |
|---------------------------------|---------------------------|----------|---------------|-----------|----------|--------|
| existingGeneratedAttachmentList | EAP_T_IntTransAttachments | Yes | | No | No | No |
| investorCounterValue | Text | Yes | | No | No | No |
| memoDocument | Document | No | | No | No | No |
| memoDocumentData | EAP_MemoDocumentData | No | | Yes | No | No |
| memoPDFDocumentId | Number (Integer) | No | 0 | No | No | No |
| requestId | Number (Integer) | No | 0 | Yes | Yes | No |
| userInputMemoDoc | Document | No | | Yes | No | No |

Lanes

| Label | Size (px) | Lane Assignment | Attended | Assignees / Run As |
|--|-----------|-----------------|----------|--------------------|
| This process model does not have any lanes | | | | |

Nodes

| Id | GUI Id | Name | Task Display Name | Lane | Attended | Assignees / Run As |
|-------|--------|--------------------------------|--------------------------------|------|----------|--------------------|
| 56555 | 12 | Are there any records? | Are there any records? | | No | Process Initiator |
| 56552 | 8 | Delete Existing Data | Delete Existing Data | | No | Process Initiator |
| 56560 | 3 | Dynamic Investor Count Calling | Dynamic Investor Count Calling | | No | Process Initiator |
| 56550 | 1 | End Node | End Node | | No | Process Initiator |
| 56554 | 17 | Generate Files | Generate Files | | No | Process Initiator |
| 56553 | 5 | Generate Memo DOCX | Generate Memo DOCX | | No | Process Initiator |
| 56551 | 7 | Generate Memo PDF | Generate Memo PDF | | No | Process Initiator |
| 56557 | 6 | Get Existing Data | Get Existing Data | | No | Process Initiator |
| 56561 | 9 | Is New Flow? | Is New Flow? | | No | Process Initiator |
| 56558 | 4 | Script Task | Script Task | | No | Process Initiator |
| 56556 | 11 | Start Deleting Existing Files | Start Deleting Existing Files | | No | Process Initiator |
| 56549 | 0 | Start Node | Start Node | | No | Process Initiator |
| 56559 | 2 | consider user input memo? | consider user input memo? | | No | Process Initiator |

Annotations

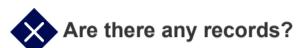
| GUI Id | Text |
|--|------|
| This process model does not have any annotations | |

Connections

| Start Node | End Node | Chained |
|----------------------|-------------------------------|---------|
| Start Node | Get Existing Data | Yes |
| Generate Memo PDF | Script Task | No |
| Delete Existing Data | consider user input memo? | No |
| Generate Memo DOCX | Generate Memo PDF | No |
| Generate Files | Start Deleting Existing Files | No |

| Start Node | End Node | Chained |
|--------------------------------|--------------------------------|---------|
| Are there any records? | Delete Existing Data | Yes |
| Are there any records? | consider user input memo? | No |
| Start Deleting Existing Files | End Node | No |
| Get Existing Data | Are there any records? | Yes |
| Script Task | Is New Flow? | No |
| consider user input memo? | Generate Memo DOCX | No |
| consider user input memo? | Script Task | No |
| Dynamic Investor Count Calling | Start Deleting Existing Files | No |
| Is New Flow? | Generate Files | No |
| Is New Flow? | Dynamic Investor Count Calling | No |

4 Process Model Nodes



| | |
|--------------------------|---------------------------------------|
| Node Type | XOR (core.4) |
| UUID | 0002ec57-8bee-8000-1cf6-7f0000014e7a |
| Description | |
| Task Display Name | Are there any records? |
| Assignment | unattended, run as: Process Initiator |
| Other | |

Conditions

| Condition | Result | Path Label |
|--|---------------------------------|------------|
| If alisNullOrEmpty(pv!existingGeneratedAttachmentList) | go to consider user input memo? | No |
| If none of the above are TRUE | go to Delete Existing Data | |



| | |
|--------------------------|---|
| Node Type | Delete from Data Store Entities (appian.system.smart-services.delete-from-data-store) |
| UUID | 0003ec57-8bee-8000-1cf6-7f0000014e7a |
| Description | |
| Task Display Name | Delete Existing Data |
| Assignment | unattended, run as: Process Initiator |
| Other | |

Inputs

| Name | Type | Multiple | Value | Save Into | Required | Generated | Hidden from designer |
|-----------------|-----------------------|----------|---|-----------|----------|-----------|----------------------|
| DataToDelete | EntityDataIdentifiers | Yes | = alentityDataIdentifiers(entity: cons!EAP_DE_INT_TRANS_ATTACHMENTS, identifiers: pv!existingGeneratedAttachmentList.transaction_attachment_id) | | Yes | No | No |
| DeletionComment | Text | No | | | No | No | No |



| | |
|---|---|
| Node Type | SUB_PROC (internal.38) |
| UUID | 0001ed4d-aa0e-8000-2049-7f0000014e7a |
| Description | |
| Task Display Name | Dynamic Investor Count Calling |
| Assignment | unattended, run as: Process Initiator |
| Multiple Instances | Run one instance for each item in <i>investorCounterValue</i> |
| Instances will be run one at a time | |
| Other | |
| Is Asynchronous | No |
| Data from sub-process can be included in reports on the parent process model | |
| Sub-Process Model | EAP Transform Scheduled Data PDF |

Input Variables

| Sub-Process Variable | Set From |
|----------------------|---|
| PDFMemoDocument | = if(and(cons!EAP_MERGE_USER_INPUT_MEMO, alisNotNullOrEmpty(pv!userInputMemoDoc)), todocument(pv!userInputMemoDoc), todocument(pv!memoPDFDocumentId)) |
| investorId | =index(pv!investorCounterValue, tp!instanceIndex, null()) |
| memoDocumentData | =memoDocumentData |
| requestId | =requestId |
| storeProcedureName | ="Dynamic_Investor_Check" |

Output Variables

| Sub-Process Variable | Save Into |
|---|-----------|
| <i>This Sub-process does not have any output mappings</i> | |



| | |
|--------------------------|---------------------------------------|
| Node Type | End Node (core.1) |
| UUID | 0001ec57-7bea-8000-1cef-7f0000014e7a |
| Description | |
| Task Display Name | End Node |
| Assignment | unattended, run as: Process Initiator |
| Other | |



Generate Files

| | |
|---|---|
| Node Type | SUB_PROC (internal.38) |
| UUID | 0001ec57-90d3-8000-1cf3-7f0000014e7a |
| Description | |
| Task Display Name | Generate Files |
| Assignment | unattended, run as: Process Initiator |
| Multiple Instances | Instances will be run in parallel |
| Other | Run this many: =length(cons!EAP_TXT_PDF_GENERATION_SP_NAME) |
| Is Asynchronous | No |
| Data from sub-process can be included in reports on the parent process model | |
| Data from sub-process can be included in reports on the parent process model | Yes |
| Sub-Process Model | EAP Transform Scheduled Data PDF |

Input Variables

| Sub-Process Variable | Set From |
|----------------------|---|
| PDFMemoDocument | = if(and(cons!EAP_MERGE_USER_INPUT_MEMO, alisNotNullOrEmpty(pv!userInputMemoDoc)), todocument(pv!userInputMemoDoc), todocument(pv!memoPDFDocumentId)) |
| memoDocumentData | =memoDocumentData |
| requestId | =requestId |
| storeProcedureName | =cons!EAP_TXT_PDF_GENERATION_SP_NAME[tplinstanceindex] |

Output Variables

| Sub-Process Variable | Save Into |
|--|-----------|
| This Sub-process does not have any output mappings | |



Generate Memo DOCX

| | |
|--------------------------|--|
| Node Type | Generate Docx (internal.docxtemplatemerge) |
| UUID | 0002ec57-80b5-8000-1cf3-7f0000014e7a |
| Description | |
| Task Display Name | Generate Memo DOCX |
| Assignment | unattended, run as: Process Initiator |
| Other | |

Inputs

| Name | Type | Multiple | Value | Save Into | Required | Generated | Hidden from designer |
|----------------------------|----------|----------|---|-----------|----------|-----------|----------------------|
| BodyTemplate | Document | No | EAP Memo Template | | Yes | No | Yes |
| CreateNewDoc | Boolean | No | True | | Yes | No | Yes |
| DocToReplace | Document | No | | | No | No | Yes |
| NewDocDesc | Text | No | | | No | No | Yes |
| NewDocName | Text | No | ="Distribution Notice Memo To_" & pv!memoDocumentData.to & "_" & text(now(),"YYYYMMDDHHSSMM") | | No | No | Yes |
| RuntimeBodyTemplate | Document | No | =cons!EAP_DOCUMENT_MEMO_TEMPLATE | | No | No | Yes |
| SaveInFolder | Folder | No | =cons!EAP_FLDR_TRANSFORMED_DOCUMENT | | No | No | Yes |
| ae-key-RoCAmount | Text | No | ="14.3" | | No | No | Yes |
| ae-key-TotalAmount | Text | No | ="29.6" | | No | No | Yes |
| ae-key-amount | Text | No | ="29.6" | | No | No | Yes |
| ae-key-cc | Text | No | =pv!memoDocumentData.cc | | No | No | Yes |
| ae-key-currentIncomeAmount | Text | No | ="4.4" | | No | No | Yes |
| ae-key-date | Text | No | =text(pv!memoDocumentData.date, "mmmm dd, yyyy") | | No | No | Yes |
| ae-key-from | Text | No | =pv!memoDocumentData.from | | No | No | Yes |
| ae-key-fundName | Text | No | =pv!memoDocumentData.fundName | | No | No | Yes |
| ae-key-gainlossAmount | Text | No | ="10.8" | | No | No | Yes |
| ae-key-quarterEndDate | Text | No | =text(pv!memoDocumentData.quarterEndDate, "mmmm dd, yyyy") | | No | No | Yes |
| ae-key-subject | Text | No | =pv!memoDocumentData.subject | | No | No | Yes |
| ae-key-to | Text | No | =pv!memoDocumentData.to | | No | No | Yes |
| ae-key-wireTransferDate | Text | No | =text(pv!memoDocumentData.wireTransferDate, "mmmm dd, yyyy") | | No | No | Yes |

Outputs

| Expression | Operation | Variable |
|----------------|--------------|--------------|
| AC!NewDocument | is stored as | memoDocument |



Generate Memo PDF

| | |
|--------------------------|---|
| Node Type | PDF From DOCX (documentFromDynamicTemplate.PDFfromDOCX) |
| UUID | 0005ec57-80b5-8000-1cf3-7f0000014e7a |
| Description | |
| Task Display Name | Generate Memo PDF |
| Assignment | unattended, run as: Process Initiator |
| Other | |

Inputs

| Name | Type | Multiple | Value | Save Into | Required | Generated | Hidden from designer |
|-------------------|----------|----------|-------------------------------------|-----------|----------|-----------|----------------------|
| CreateNewDocument | Boolean | No | True | | Yes | No | No |
| DocxFile | Document | No | =pv!memoDocument | | Yes | No | No |
| ExistingDocument | Document | No | | | No | No | No |
| NewDocumentDesc | Text | No | | | No | No | No |
| NewDocumentName | Text | No | =document(pv!memoDocument, "name") | | No | No | No |
| PDFOptions | Any Type | No | | | No | No | No |
| SaveInFolder | Folder | No | =cons!EAP_FLDR_TRANSFORMED_DOCUMENT | | No | No | No |

Outputs

| Expression | Operation | Variable |
|-----------------------|--------------|-------------------|
| ac!NewDocumentCreated | is stored as | memoPDFDocumentId |

Get Existing Data

Node Type Unattended Multiple Questions (internal.16)
UUID 0001ec57-8bee-8000-1cf6-7f0000014e7a
Description
Task Display Name Get Existing Data
Assignment unattended, run as: Process Initiator
Other

Outputs

| Expression | Operation | Variable |
|--|--------------|---------------------------------|
| rule!EAP_QE_IntTransAttachments(requestId: pv!requestId, documentType: { "Output", "OUTPUT", "FinalZip" }) | is stored as | existingGeneratedAttachmentList |
| rule!EAP_DYN_INV_getDistinctInvestorsID(requestId:pv!requestId) | is stored as | investorCounterValue |

Is New Flow?

Node Type XOR (core.4)
UUID 0002ed4d-ad30-8000-204d-7f0000014e7a
Description
Task Display Name Is New Flow?
Assignment unattended, run as: Process Initiator
Other

Conditions

| Condition | Result | Path Label |
|---|--|------------|
| If and(rule!EAP_Utils_CheckIsNotNull(pv!investorCounterValue), false()) | go to Dynamic Investor Count Calling | |
| If none of the above are TRUE | go to Generate Files | |

Script Task

Node Type Unattended Multiple Questions (internal.16)
UUID 0001ed4d-ad30-8000-204d-7f0000014e7a
Description
Task Display Name Script Task
Assignment unattended, run as: Process Initiator
Other

Start Deleting Existing Files

Node Type [Deprecated] Start Process (appian.system.smart-services.start-process-2)
UUID 0004ec57-80b5-8000-1cf3-7f0000014e7a
Description
Task Display Name Start Deleting Existing Files
Assignment unattended, run as: Process Initiator
Other

Inputs

| Name | Type | Multiple | Value | Save Into | Required | Generated | Hidden from designer |
|-------------------|---------------|----------|--|-----------|----------|-----------|----------------------|
| ProcessModel | Process Model | No | =cons!EAP_PM_DELETE_DOCUMENT_PROCESS | Yes | No | No | |
| ProcessParameters | Any Type | No | = { documentIdList: flatten({ pv!existingGeneratedAttachmentList.appian_document_id, if(and(cons!EAP_MERGE_USER_INPUT_MEMO, alisNotNullOrEmpty(pv!userInputMemoDoc)), {}, { tointeger(pv!memoDocument), pv!memoPDFDocumentId }) }) } | | No | No | No |

Outputs

| Expression | Operation | Variable |
|------------|--------------|--------------|
| {} | is stored as | memoDocument |

Start Node

Node Type Start Node (core.0)
UUID 0000ec57-7bea-8000-1cef-7f0000014e7a
Description
Task Display Name Start Node
Assignment unattended, run as: Process Initiator
Other

consider user input memo?

Node Type XOR (core.4)
UUID 0001ed25-f9f2-8000-1f88-7f0000014e7a
Description
Task Display Name consider user input memo?
Assignment unattended, run as: Process Initiator
Other

Conditions

| Condition | Result | Path Label |
|--|--|------------|
| If and(cons!EAP_MERGE_USER_INPUT_MEMO, alisNotNullOrEmpty(pvluserInputMemoDoc)) | go to Script Task | |
| If none of the above are TRUE | go to Generate Memo DOCX | |