CommunityLIVE

October 1-5, 2023
Las Vegas, Nevada

Accelerate Digital Transformation with Intelligence Services

CommunityLIVE 2023

TABLE OF CONTENTS

ALFRESCO INTELLIGENCE SERVICES - OCR

Apply Content Model

1. On your assigned server, log into **Alfresco Share**
   a. Username = demo | Password = demo
2. Click **Admin Tools** from the top navigation in Share
3. From the left side menu, click **Model Manager**
4. **Import Model**
   a. Click Import Model
   b. Click Choose Files
   c. Navigate to your downloaded copy of **CLM.zip** and select it
   d. Click Open
   e. Click Import
5. Make model **Active**

Apply the Javascript

1. Copy the code from **OCR_BaseCode.js**
2. **Upload** the **OCR_BaseCode** to the console
3. **Save** the script as **textract-invoice#.js**
4. **Update** the script's title to **Textract Invoice#**

User Site

1. **Complete** the following **fields**:
   a. Type = Collaboration Site
   b. Name = Your name + Site (e.g. David's Site)
   c. Visibility = Public

Folder Structure

1. **Complete** the following **New Folder** fields:
   a. Name = OCR Example
   b. Save
2. **Create** the following **sub folder**:
   a. Name = Invoices

Folder Rules

1. **Complete** the following **fields**:

   a. Name = Add Aspects

   b. When = Items are created or enter this folder

   c. If all criteria are met: = All Items

   d. Perform Action

       i. Add aspect = Invoice Document

       ii. Add aspect = AI Text Lines

       iii. Request AI renditions = aiTextract

2. **Complete** the following **fields**:

   a. Name = Execute Script

   b. When

       i. Items are created or enter this folder

       ii. Items are updated

   c. If all criteria are met: = All Items

   d. Perform Action

       i. Execute script = Textract Invoice**#**

Upload a File

1. Drag and drop Invoice-Investment.pdf onto the Invoices folder icon

Review Results

SHARE

1. Open **Invoice-Investment.pdf**
2. Find the **Properties panel** on the right by scrolling down the page
3. Review the **Invoice Details** section

ADW

1. Open **Invoice-Investment.pdf**
2. Review **Invoice Document** and **AI Data tabs**

Create Content Model

1. **Complete** the following **fields**:

   a. Namespace = http://www.alfresco.org/model/id/1.0**#**

   b. Prefix = ids**#**

   c. Name = IDS**#**

2. Click the **model name**

3. Click **Create Custom Type**

4. **Complete** the following **fields**:

   a. Name = identification**#**

   b. Parent Type = cm:content

   c. Display Label = Identification**#**

5. Click **Create**

6. Click **Create Aspect**

7. **Complete** the following **fields**:

   a. Name = passport**#**

   b. Parent Aspect = None

   c. Display Label = US Passport**#**

8. Click **Create**

9. Click the **aspect name** to create properties

10. Create the **Passport properties**

    a. Click Create Property

    b. Complete the following fields for the listed passport properties:

       i. Name

       ii. Display Label

       iii. Data Type

    The passport properties include:

    - Surname, Date of Expiration, Sex, Passport Number, Date of Birth, Given Name, Nationality, Place of Birth

11. For the **passport aspect**, click the dropdown under **Actions**

12. Click **Layout Designer**

13. Drag and drop the **single column panel** icon onto the layout area

14. Click **Apply Default Layout**

15. Click **Show Models**

16. Use the **Actions** dropdown to make the model status **Active**

Apply the Javascript

1. **Copy** the code from **PassportBaseCode.js**

2. **Upload** the **PassportBaseCode** to the console

3. **Save** the script as **passport-textract#.js**

4. **Update** the script's title to **Textract Passport#**

Folder Structure

1. **Create** the following **New Folder**:

   a. Name = Passport Example

Folder Rules

1. **Complete** the following **fields**:

   a. Name = Add Aspects

   b. When = Items are created or enter this folder

   c. If all criteria are met: = All Items

   d. Perform Action

      i. Add aspect = US Passport (Display Label for Aspects)

      ii. Add aspect = AI Text Lines

      iii. Request AI renditions = aiTextract

2. **Complete** the following **fields**:

   a. Name = Execute Script

   b. When

      i. Items are created or enter this folder

      ii. Items are updated

   c. If all criteria are met: = All Items

   d. Perform Action

      i. Execute script = Textract Passport#

3. Click **Create**

Hyland™

Upload a File

1. Drag and drop **SamplePassport.png** onto the Passport Example folder icon

Review Results

SHARE

1. Open **SamplePassport.png**
2. Find the **Properties panel** on the right by scrolling down the page
3. Review the **Passport properties**

ADW

1. Open **SamplePassport.png**
2. Review **US Passport** and **AI Data** tabs

Troubleshooting

1. Disable **Execute JS** rule
2. Run Rules
3. Review **passport** in ADW & Share
4. Enable the **Execute JS** rule.
5. Run Rules
6. Go to the **passport** and select **Use in Javascript Console**
7. Click **Execute** and review console output
8. **Duplicate** the Admin Tools **Tab** & go to Model Manager
9. **Update** JS
10. Grab a different passport from the resources on your desktop and drop it into the Passport folder.

ALFRESCO INTELLIGENCE SERVICES - ICR

Content Model

1. Using existing Contracts model.

Apply Javascript

1. **Copy** the code from **HandwrittenTextract.js**
2. **Upload** the **Handwritten Textract** code to the console

3. **Save** the script as **textract-handwritten-data#.js**

4. **Update** the script's title to **Extract Handwritten Data#**

Folder Structure

1. **Create** the following New Folder **fields**:

   a. Name = ICR Example

2. **Create** the following **sub folder**:

   a. Name = Handwritten Applications

Folder Rules

1. **Complete** the following **fields**:

   a. Name = Add Aspects

   b. When = Items are created or enter this folder

   c. If all criteria are met: = All Items

   d. Perform Action

      i. Add aspect = Hand Written Document

      ii. Add aspect = AI Text Lines

      iii. Request AI renditions = aiTextract

2. **Complete** the following **fields**:

   a. Name = Execute Script

   b. When

      i. Items are created or enter this folder

      ii. Items are updated

   c. If all criteria are met: = All Items

   d. Perform Action

      i. Execute script = Extract Handwritten Data#

Upload a File

1. Drag and drop **Handwritten-Document.pdf** onto the Handwritten Applications folder icon

Review Results

SHARE

1. Open **Handwritten-Document.pdf**

2. Find the **Properties panel** on the right by scrolling down the page
3. Review the **Shift and Team** Details section

ADW

1. Open **Handwritten-Document.pdf**
2. Review **Handwritten Document** and **AI Data** tabs

ALFRESCO INTELLIGENCE SERVICES - REKOGNITION

Apply Javascript

1. **Upload** the **AI-Rekognition.js** code to the console
2. **Save** the script as **AI-Rekognition#.js**
3. **Update** the script's title to **Rekognition Apply Tags#**

Folder Structure

1. **Complete** the following New Folder **fields**:
   a. Name = Rekognition

Folder Rules

1. **Complete** the following **fields**:
   a. Name = Add Aspects
   b. When = Items are created or enter this folder
   c. If all criteria are met: = All Items
   d. Perform Action
      i. Add aspect = AI Labels
      ii. Request AI renditions = aiLabels
2. **Complete** the following **fields**:
   a. Name = Execute Script
   b. When
      i. Items are created or enter this folder
      ii. Items are updated
   c. If all criteria are met: = All Items
   d. Perform Action
      i. Execute script = Rekognition Apply Tags#

3. Click **Create**

Upload a File

1. Drag and drop the **NY Driver License** onto the Rekognition folder icon

Review Results

SHARE

1. Open the **Rekognition** folder
2. Review the tags that have been attached to the image.

ADW

1. Navigate to the **driver license**
2. Review **AI Data** tab

ACTIVITY

Create an additional rule for the Rekognition folder that will move images with an x-ray tag to a new folder. Use your prior learning experience to fill in any steps. Please use the following information to guide you to the expected outcome.

- Rule name = Next Steps
- New folder = Healthcare
- Images in the Rekognition Activity folder – Use some for setup and some for testing

ALFRESCO INTELLIGENCE SERVICES - COMPREHEND PII

Security Marks

1. **Create** a **Human Resources#** Security Group with the following:
   a. Group Type = Any
   b. Marks
      i. Address
      ii. Name

API

1. From the **Demo Platform** landing page, click **Governance Services API Explorer**

2. **Login** to use APIs

3. Scroll down to **security-groups**

4. **Copy** the **id** value for group Human Resources**#**

5. **Paste** the security group value into the **securityGroupId** field

6. **Copy** the name and id for your **security marks**

Apply Javascript

1. **Upload** the **PII_BaseCode.js** to the console

2. **Save** the script as **AI-PIIDetection#.js**

3. **Update** the script's title to **Detect PII#**

Update Javascript

1. **Update** schema type **if statements** with security mark values

2. **Update requestBody** variable for security marks with API values:

   a. Id

   b. GroupId

   c. EC2 with server address

Folder Structure

1. **Create** a new folder: **PII Detection**

Folder Rules

1. Add Aspects

   a. Perform Action

      i. Add aspect – Ai PII Entities Detected

      ii. Request AI renditions – aiPiiEntities

2. Execute Script

   a. Perform Action

      i. Execute Script – Detect PII**#**

Upload a File

1. **Upload** a file from the AIS resources folder to the **PII folder**

2. **Confirm** the correct **output**

Security Check

1. **Logout** as your user

2. **Log in** as:
   username – test
   password – demo

3. **Confirm** any **differences** experienced.

ACTIVITY

Create a similar PII process to apply the security marks to the *individual* files you upload to a folder. Marks will be applied to each file when respective values are identified in the file. The following information is provided to assist you. You will need to use some of your prior experience to fill in the steps that are not provided to get the expected outcome.

1. Create and name a new security group. Include these marks:

   a. SSN

   b. Date_Time

   c. Phone

   d. IP_Address

2. Use the base JavaScript file (PII Detection) to create a new .js file with a different file name for this activity. Continue to append your **#** to your work. Update the code as necessary.

3. Use files from the PII Activity folder to test.

4. Conduct a security access check with your test user.