Digital Asset Management (DAM) and Tasks Execution Guide

Steps to Check Custom Workflow in AEM
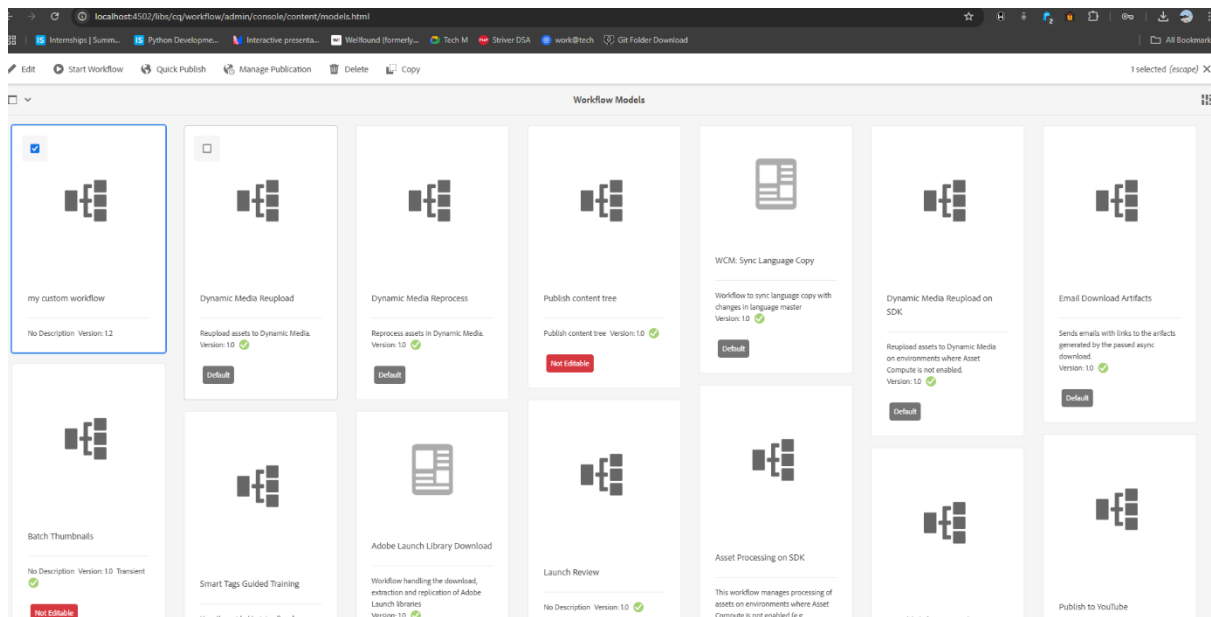
1. **Verify Workflow Model:**
   - **Navigate to AEM Start → Tools → Workflow → Models.**
   - **Ensure "my custom workflow" is listed.**
   - **Open it and confirm that the custom workflow process step is properly configured.**
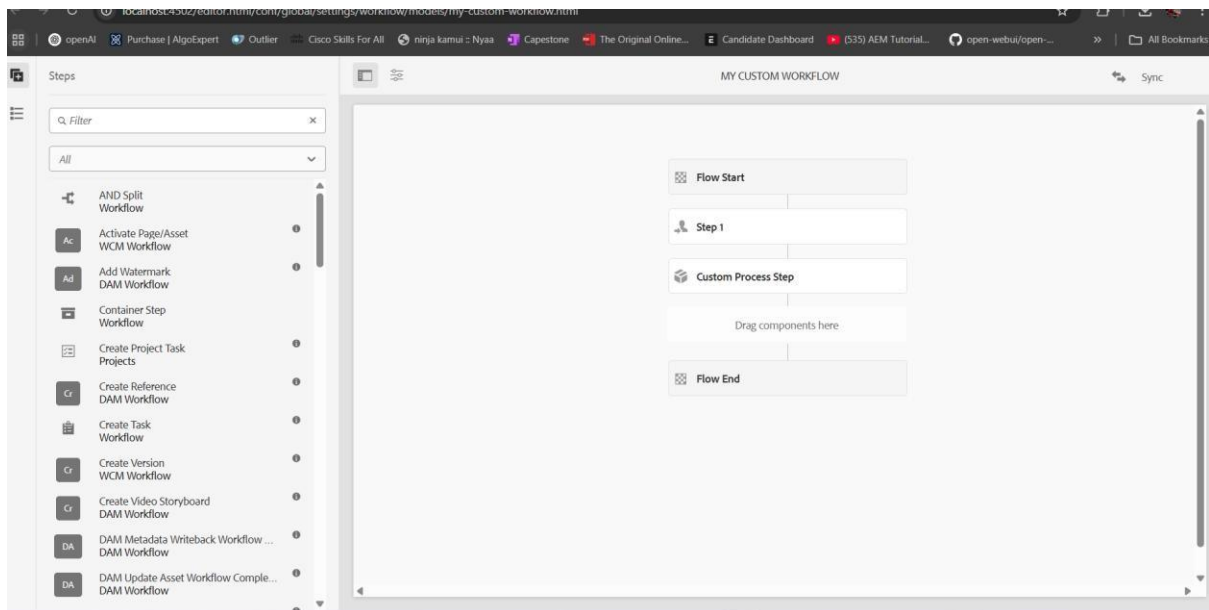
2. **Trigger the Workflow on a Page:**
   - **Go to AEM > Sites and select a page.**
   - **Click on Page Properties → Start Workflow.**
   - **Choose your custom workflow and start it.**

3. **Check Logs:**
   - **Open AEM error.log file located at crx-quickstart/logs/error.log.**
   - **Look for log statements that print the page title to confirm execution.**

2. Verify Event Handler

Execution Steps to Check:

• Perform an action that triggers the event (e.g., creating, modifying, or deleting a page or an asset).

Check Logs:

• Open error.log and look for log messages related to the resource path.

Verifying Sling Job Execution in AEM

1. Create the Sling Job Handler:

Custom Sling Job Handler (HelloWorldJobHandler.java):

Path: /apps/newsroom/core/jobs/HelloWorldJobHandler.java

```java
package com.newsroom.core.jobs;

import org.apache.sling.api.servlets.SlingAllMethodsServlet;

import org.apache.sling.api.resource.Resource;

import org.apache.sling.api.resource.ResourceResolver;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

@Component(service = JobHandler.class, immediate = true)

public class HelloWorldJobHandler implements JobHandler {

private static final Logger LOG = LoggerFactory.getLogger(HelloWorldJobHandler.class);

@Override

public void execute(JobExecutionContext context) {

LOG.info("Hello World from Sling Job!");

}

}
```

2. Schedule the Job:

o This job can be triggered through the Sling Job Scheduler. You can configure
it through AEM's OSGi console or create a scheduled job trigger.

Steps to Check:

1. Navigate to Jobs Console:

   o Go to AEM Start → Tools → Operations → Jobs.

   o Ensure your custom Sling Job appears in the list.

2. Check Logs:

   o Open error.log file located at crx-quickstart/logs/error.log

3.   Verify Scheduler

Execution Steps to Check:

•   Wait for **5 minutes** after deploying the scheduler.

•   **Check Logs:** o Open error.log and look for **"Yellow World"** printed at

every 5-minute interval.

Expected Output in Logs:

Yellow World printed by Scheduler

4.   Verify User Group &

Permissions Steps to Check:

•   Go to **AEM Start → Tools → Security → Groups**.

•   Find **"Dev Author"** group and open it.

•   Ensure the three users are **added**.

•   Check **Permissions:**

o   Go to **/useradmin** (http://localhost:4502/useradmin). o   Select the

group and verify **Read access** is set for /content and /dam.

o   Ensure **Replication Access** is enabled under **Replicator Permissions**.

Test Permissions by Logging in as a User in the Group

•   Login with one of the created users.

•   Try to **view** a page under /content and an asset in /dam.

•   Try **editing** or **deleting** content (should be restricted).

•   Try **replicating** content (should be allowed).

Edit Group Settings For Dev Author

Cancel   Save & Close ▾

🌐 Activate   🔄 Deactivate

Details   **Members**

Add Members to this Group

Select User or Group

| Type User or Group Name |

Group Members

👤	Developer User 1	✕
👤	Developer User 2	✕
👤	Developer User 3	✕

👥 Dev Author   Help

Properties | Groups | Members | **Permissions** | Impersonators | Preferences

: groups from being

Enter search query ✕ 🔍

Path	Read	Modify	Create	Delete	Read ACL	Edit ACL	Replicate	
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