1. Create Custom Workflow (My Custom Workflow)
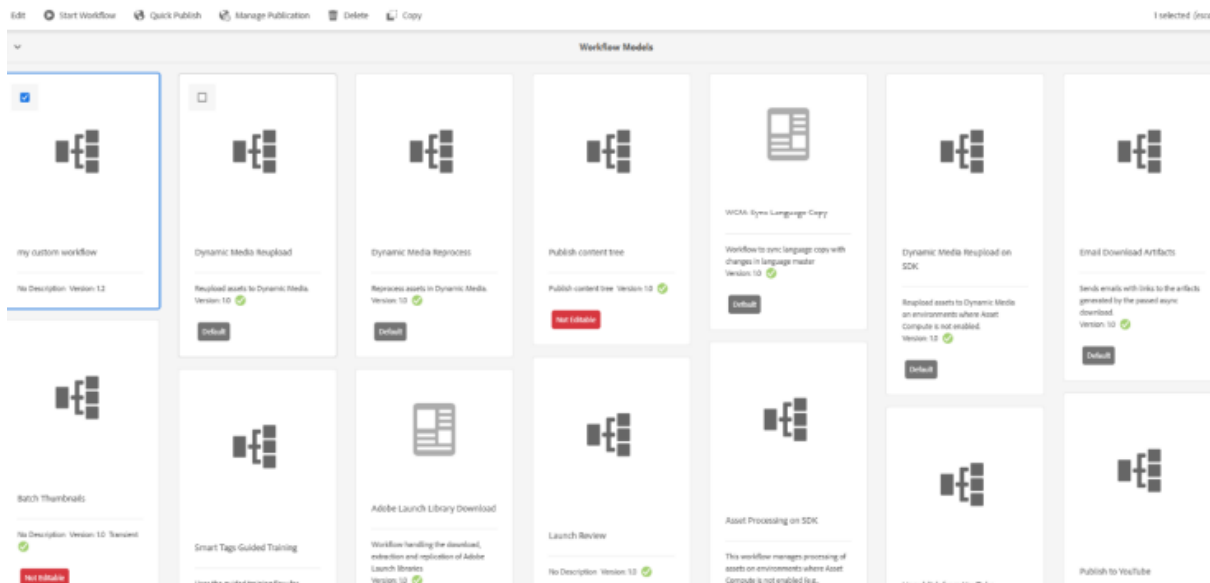
Steps:

1. **Create Workflow Model**:

   o Go to **AEM** Web Console: **Tools > Workflow > Models**

   o Click **Create** and give it a name like My Custom Workflow.

   o Define the **process steps** in this workflow model using **workflow launcher** or **workflow steps**.

2. **Define Custom Workflow Process**:

   o **Create a custom process step** that logs the page title when the workflow is executed.
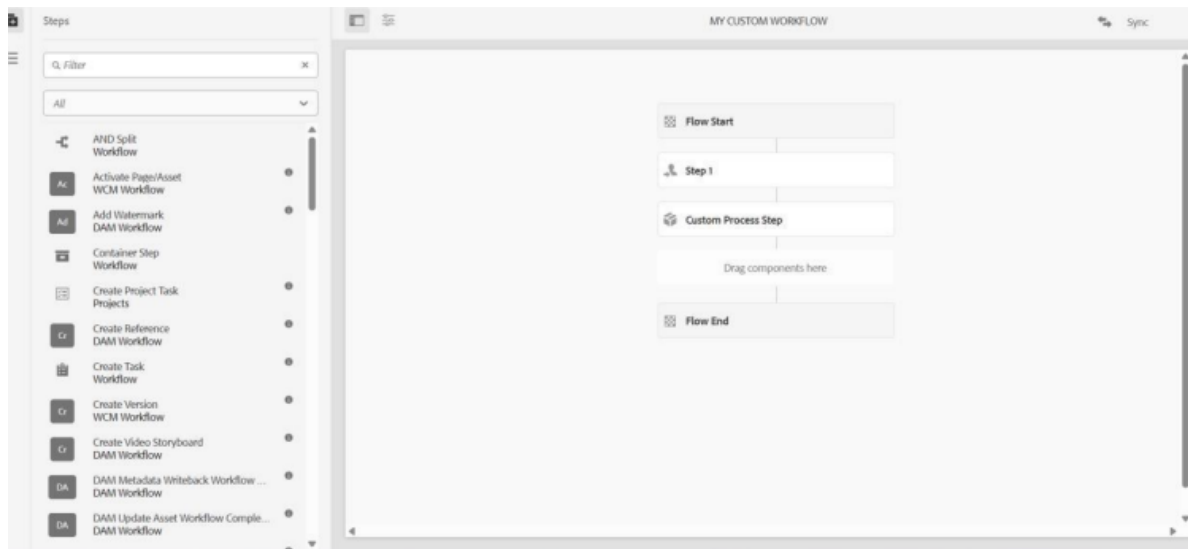

2. Create Custom Workflow Process and Print Page Title in Logs

1. Create the Workflow Processor

2. **Execute Workflow on Page**:

   o Once the workflow model is created, you can execute the **workflow on a page** by triggering it through a **launcher** or manually through AEM's **Workflow Manager**.

   o The page title will be printed in the **AEM logs** (error.log).

3. Create Event Handler in AEM and Print Resource Path in Logs

4. Create Sling Job to Print Hello World in Logs

1. **Create the Sling Job Handler**:

Custom Sling Job Handler (HelloWorldJobHandler.java):

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

java

Copy

```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!");

    }

}
```
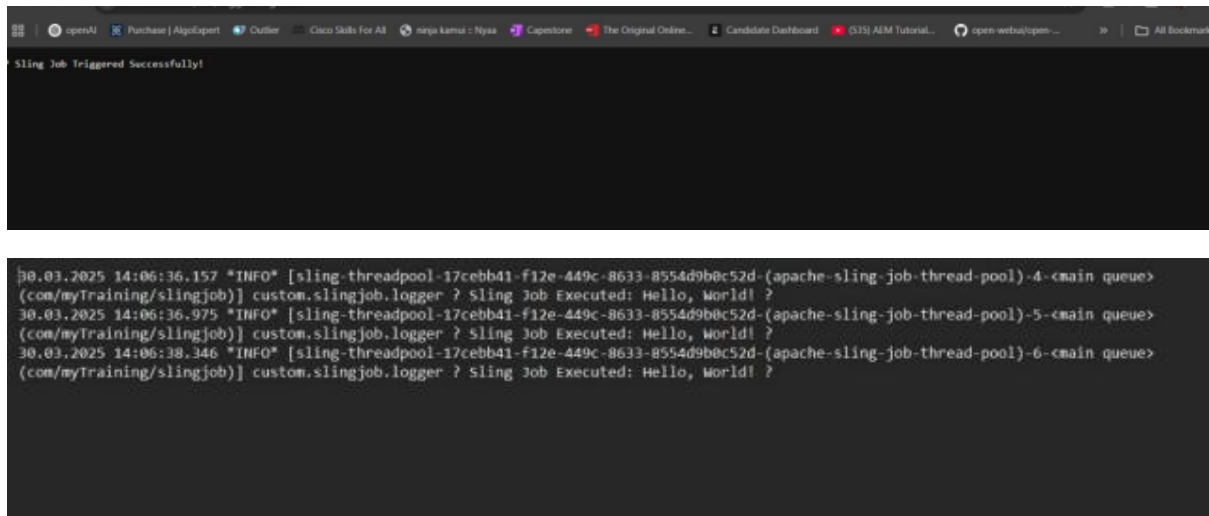
2. **Schedule the Job**:

   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.

5. Create a Scheduler to Print "Yellow World" in Logs Every 5 Minutes Using Cron Expression

6. Create 3 Users and Add Them to a Group

Steps:

1. **Create a New Group**:

   o Navigate to **AEM > Tools > Security > Users**.

   o Create a new group named **newsroom-dev-authors**.

2. **Create Users**:

   o Create 3 users, e.g.:

      ▪ user1

      ▪ user2

      ▪ user3

   o Add these users to the **newsroom-dev-authors** group.

3. **Assign Permissions**:

   o In **AEM Security**, go to the **Permissions** tab.

   o **Set Read-only permissions** on /content and /dam for this group.

   o **Grant replication access** by adding replication permissions under **Replication** for this group.

Edit Group Settings For Dev Author

Cancel   Save & Close ▾

🌐 Activate   🌐 Deactivate

Details   Members

ID *
dev author

Name
Dev Author

Description

New Photo

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   He

Properties Groups Members **Permissions** Impersonators Preferences

roups from being

Enter search query   ✕

Path	Read	Modify	Create	Delete	Read ACL	Edit ACL	Replicate	
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⊞ 🗀 content	☑*1	☐*1	☐*1	☐*1	☐*1	☐*1	☐*1	Details
⊞ 🗀 etc	☐*	☐*	☐*	☐*	☐*	☐*	☐*	Details
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News ⌄

☐ ▣ Campaigns campaigns		☐ ▫ us	›	☐ ▫ en	›	☐ ▫ Home		☐ ▫ news-page1
☐ ▣ Outbound Marketing outbound-marketing		☐ ▫ testPage				☐ ▫ About Us about_us		☐ ▫ news-page2
☐ ▫ myTraining	›					☐ ▫ Contact Us contact-us		☐ ▫ news-page3
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