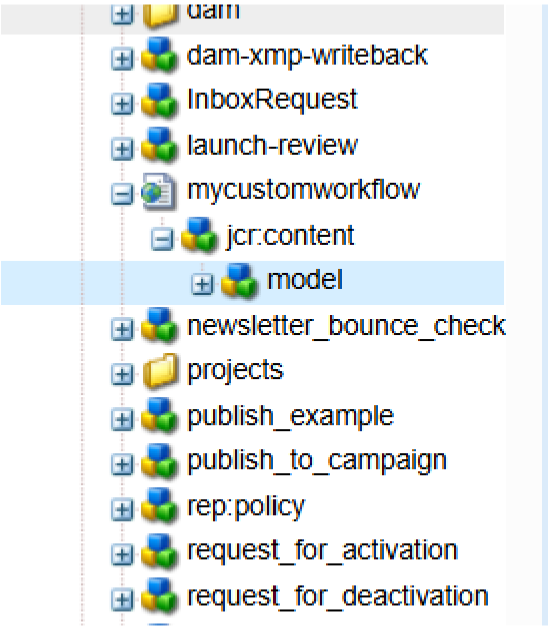
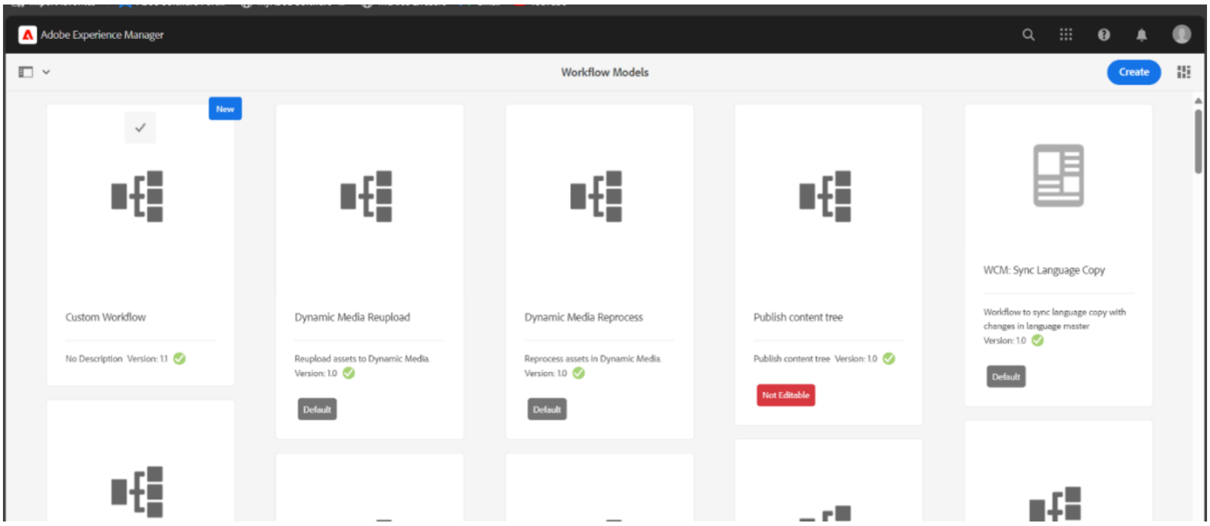
### Create Custom Workflow (My Custom Workflow)



dam
dam-xmp-writeback
InboxRequest
launch-review
mycustomworkflow
jcr:content
model
newsletter_bounce_check
projects
publish_example
publish_to_campaign
rep:policy
request_for_activation
request_for_deactivation

### Create Custom Workflow Process

```
@Component(service = WorkflowProcess.class, property = {
   "process.label=Print Page Title in Logs"
})
public class PrintPageTitleWorkflowProcess implements WorkflowProcess {

   @Reference
   ResourceResolverFactory resolverFactory;

   @Override
   public void execute(WorkItem item, WorkflowSession session, MetaDataMap args) throws WorkflowException {
      String payload = item.getWorkflowData().getPayload().toString();

      try (ResourceResolver resolver = resolverFactory.getServiceResourceResolver(Collections.singletonMap(
        ResourceResolverFactory.SUBSERVICE, "writeService"))) {

      Resource page = resolver.getResource(payload);
      if (page != null) {
        String title = page.getValueMap().get("jcr:title", "No Title");
        System.out.println("Page Title: " + title);
      }

    } catch (LoginException e) {
      e.printStackTrace();
    }
  }
}
```



Custom Workflow
No Description Version: 1.1

Dynamic Media Reupload
Reupload assets to Dynamic Media.
Version: 1.0

Dynamic Media Reprocess
Reprocess assets in Dynamic Media.
Version: 1.0

Publish content tree
Publish content tree Version: 1.0

WCM: Sync Language Copy
Workflow to sync language copy with changes in language master
Version: 1.0

### Create Event Handler to Print Resource Path

```
@Component(immediate = true, service = EventHandler.class,
     property = {
       EventConstants.EVENT_TOPIC + "=" + PageEvent.EVENT_TOPIC
     })
```

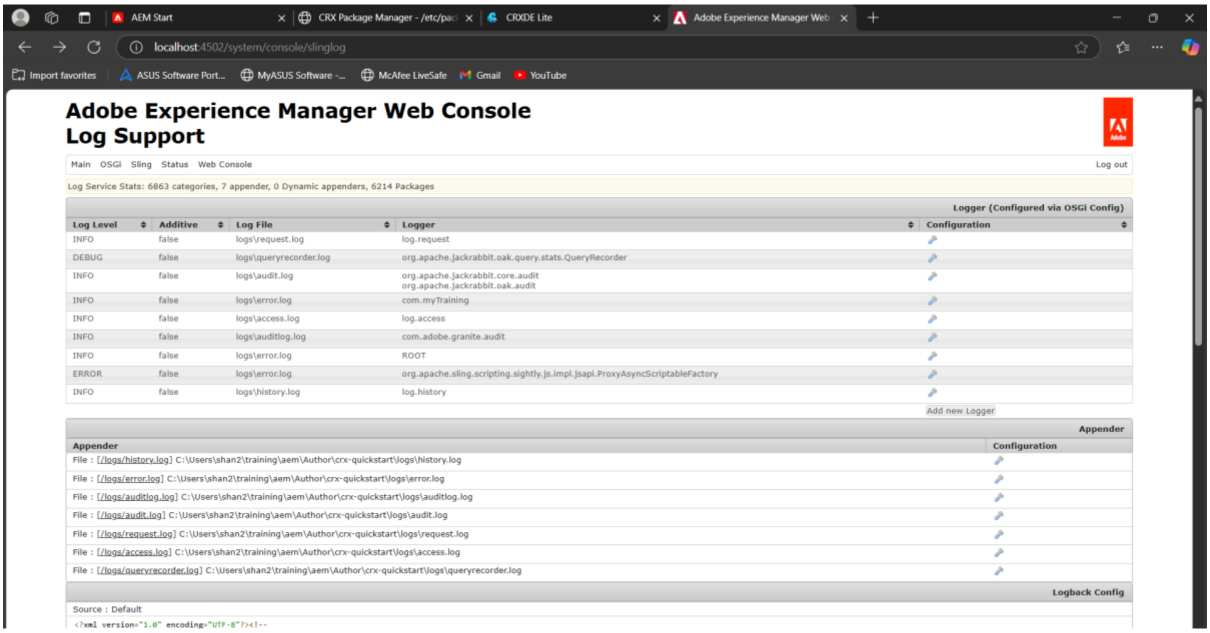
```
public class PageEventHandler implements EventHandler {

   @Override
   public void handleEvent(Event event) {
      String path = (String) event.getProperty("path");
      System.out.println("Page Event Triggered on path: " + path);
   }
}
```

### Create Sling Job to Print "Hello World"

```
@Component(service = Runnable.class,
        immediate = true,
        property = {
           JobConsumer.PROPERTY_TOPICS + "=custom/jobs/helloworld"
        })
public class HelloWorldJob implements JobConsumer {

   @Override
   public JobResult process(Job job) {
      System.out.println("Hello World from Sling Job!");
      return JobResult.OK;
   }
}
```

### Create Scheduler to Print "Yellow World" Every 5 Min

```
@Component(service = Runnable.class,
        configurationPolicy = ConfigurationPolicy.REQUIRE,
        property = {
            "scheduler.expression=0 0/5 * * * ?",
            "scheduler.concurrent=false"
        })
public class YellowWorldScheduler implements Runnable {


    @Override
    public void run() {
        System.out.println("Yellow World Scheduler Triggered!");
    }
}
```



Adobe Experience Manager Web Console
Log Support

Log Service Stats: 6863 categories, 7 appender, 0 Dynamic appenders, 6214 Packages

Logger (Configured via OSGi Config)

| Log Level | Additive | Log File | Logger | Configuration |
|---|---|---|---|---|
| INFO | false | logs\request.log | log.request | 🔧 |
| DEBUG | false | logs\queryrecorder.log | org.apache.jackrabbit.oak.query.stats.QueryRecorder | 🔧 |
| INFO | false | logs\audit.log | org.apache.jackrabbit.core.audit<br>org.apache.jackrabbit.oak.audit | 🔧 |
| INFO | false | logs\error.log | com.myTraining | 🔧 |
| INFO | false | logs\access.log | log.access | 🔧 |
| INFO | false | logs\auditlog.log | com.adobe.granite.audit | 🔧 |
| INFO | false | logs\error.log | ROOT | 🔧 |
| ERROR | false | logs\error.log | org.apache.sling.scripting.sightly.js.impl.jsapi.ProxyAsyncScriptableFactory | 🔧 |
| INFO | false | logs\history.log | log.history | 🔧 |

Appender

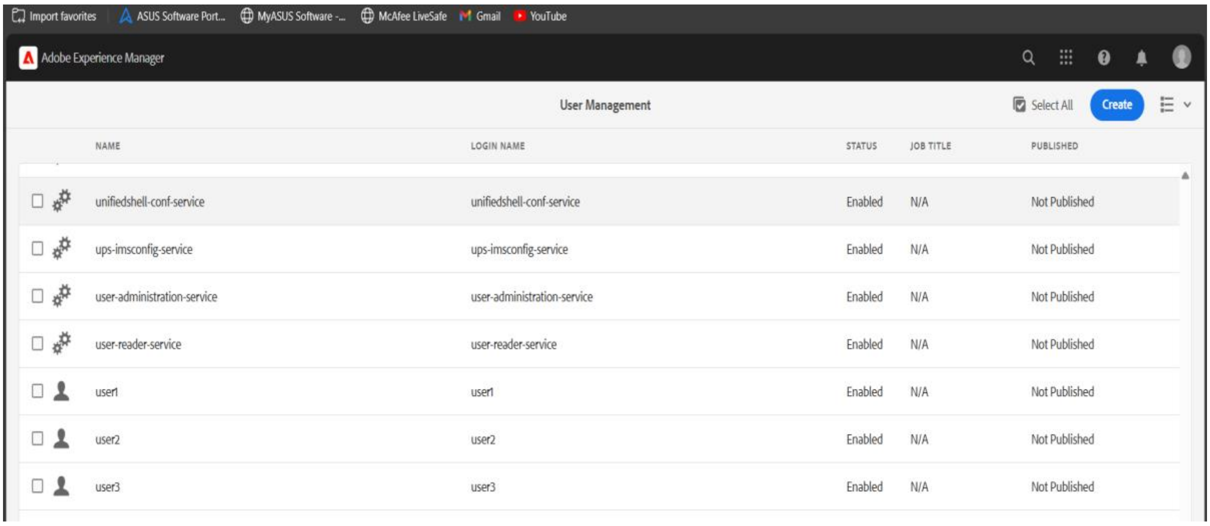
| Appender | Configuration |
|---|---|
| File : [/logs/history.log] C:\Users\shan2\training\aem\Author\crx-quickstart\logs\history.log | 🔧 |
| File : [/logs/error.log] C:\Users\shan2\training\aem\Author\crx-quickstart\logs\error.log | 🔧 |
| File : [/logs/auditlog.log] C:\Users\shan2\training\aem\Author\crx-quickstart\logs\auditlog.log | 🔧 |
| File : [/logs/audit.log] C:\Users\shan2\training\aem\Author\crx-quickstart\logs\audit.log | 🔧 |
| File : [/logs/request.log] C:\Users\shan2\training\aem\Author\crx-quickstart\logs\request.log | 🔧 |
| File : [/logs/access.log] C:\Users\shan2\training\aem\Author\crx-quickstart\logs\access.log | 🔧 |
| File : [/logs/queryrecorder.log] C:\Users\shan2\training\aem\Author\crx-quickstart\logs\queryrecorder.log | 🔧 |

Logback Config

Source : Default

```
<?xml version="1.0" encoding="UTF-8"?><!--
```

# Create 3 users and add them in a group(Dev author create this new group)



User Management

| | NAME | LOGIN NAME | STATUS | JOB TITLE | PUBLISHED |
|---|---|---|---|---|---|
| □ | unifiedshell-conf-service | unifiedshell-conf-service | Enabled | N/A | Not Published |
| □ | ups-imsconfig-service | ups-imsconfig-service | Enabled | N/A | Not Published |
| □ | user-administration-service | user-administration-service | Enabled | N/A | Not Published |
| □ | user-reader-service | user-reader-service | Enabled | N/A | Not Published |
| □ | user1 | user1 | Enabled | N/A | Not Published |
| □ | user2 | user2 | Enabled | N/A | Not Published |
| □ | user3 | user3 | Enabled | N/A | Not Published |