



for AEM Connect Plus  
Version 6.1.1

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# About this Guide

The images and topics contained in this guide are not representative of every GlobalLink® product installation. Each GlobalLink product installation is configured to meet the needs of the intended users, who may or may not require certain features and options. Therefore, the features and options covered in this guide may differ from those available on your GlobalLink product installation.

## Conventions

### Typographical

The following table explains the typographical conventions used in this guide.

<b>Bold</b>	User interface controls, commands, and keywords in body text.
<i>italic</i>	Represents an input field where user input is expected.
<...>	Generic parameters that must be replaced by specific code or text.

### Icons

The following table explains the icon conventions used in this guide.



Note:

This icon designates a note or helpful suggestion or reference relating to the surrounding text.



Best Practice:

This icon designates a suggestion for best practice relating to the surrounding text.



Alert:

This icon designates a warning or alert relating to the surrounding text. In this situation, the user should exercise caution to avoid an undesirable result.

# 1. About GlobalLink Connect

GlobalLink Connect serves as a bridge between your back-end systems and our industry-leading Globalization Management Suite, allowing you to use the full functionality of your CMS, DMS, e-commerce, PIM, and database platforms to manage multilingual content.

## Globalization Management Suite

The GlobalLink Globalization Management Suite (GMS) is a modular set of translation technology products that provide enterprise solutions for organizations. It consists of the following server components:

- **GlobalLink Project Director**—An automated translation workflow system that leverages and communicates with the other GlobalLink products through a published Web services API
- **GlobalLink TM Server**—A robust, scalable server-based translation memory solution
- **GlobalLink Term Manager**—A web-based terminology management tool that allows any translation manager to modify, review, search, or delete existing terms
- **GlobalLink TransStudio Online**—A web-based translation tool that offers translators instant access to translation memories and terminology lists
- **GlobalLink TransStudio Review**—A web-based translation review tool with an intuitive user interface that allows translated content to be reviewed quickly and effectively
- **GlobalLink Translation & Review Portal**—A web-based, collaborative application that streamlines the linguistic review process

The integration with AEMP involves Web services communication between AEMP and GlobalLink Project Director (PD).

## GlobalLink Connect for AEM

GlobalLink Connect for AEM, referred to as AEMP, integrates seamlessly with AEM providing the following functions:

- Support of multiple configurations
- Integration with standard and non-standard languages and structure
- Allowing synchronization of source and target
- Providing on-page review
- Allowing granular control of synchronization
- Providing translation memory updating tools
- Sending pages, tags, and binaries for translation

## AEMP PD Localization Workflow

The AEM, AEMP, and Project Director (PD) interaction workflow:

1. A web page is created or updated in the AEM repository.
2. The web page is sent to PD manually from AEM using workflows through AEMP.

3. The workflow installed with the package is GlobalLink Recursive. This workflow sends the components configured on the selected page as well as all referenced pages. If you want to embed translation into a different workflow, contact your AEM support representative.



Other available workflows are:

- **GlobalLink Single**—The workflow only sends components configured on both the source and target page. Components that exist on the source page but not the target page are excluded.
- **GlobalLink Recursive**—The workflow sends those components that are configured on the selected page including, the referenced pages, and creates missing components on the target pages.
- **GlobalLink Recursive Split**—The workflow sends a page as well as along with all pages referenced on it. This action splits the file, so each page is a unique XML file while remaining a single submission.



AEM 6.3+ users should continue to use the Granite versions of each workflow. And AEM 6.4 and 6.5 users should use the new adaptor workflow location built during the adaptor workflow configuration. Refer to your administrator.

## 2. Get Started

This section describes the AEMP installation requirements and the adaptor user interface.



All installation and configuration files are in the installation package provided by GlobalLink. You can also access the package through Adobe Experience Manager (AEM) Package Share.

## Use Requirements

Use Adobe Experience Manager (AEM) to connect to Project Director (PD) with the GlobalLink AEMP adaptor. Have the following data ready before you connect AEM to PD for both staging and production server types:

- PD URL
- User name
- Password
- Project short codes
- Default classifier



User credentials are client-specific. Do not share credentials.

## Software Requirements

The requirements described must be met to complete the AEMP Adaptor installation.

Product	Versions
AEM	AEM 6.5.0 (SP1 and higher), 6.4.0 (SP1 and higher), 6.3.0 (SP1 and higher)
GlobalLink Project Director	4.19 or later
JDK	1.8.0 or later

## Installation Prerequisites

You must meet these installation prerequisites before installing the adaptor:

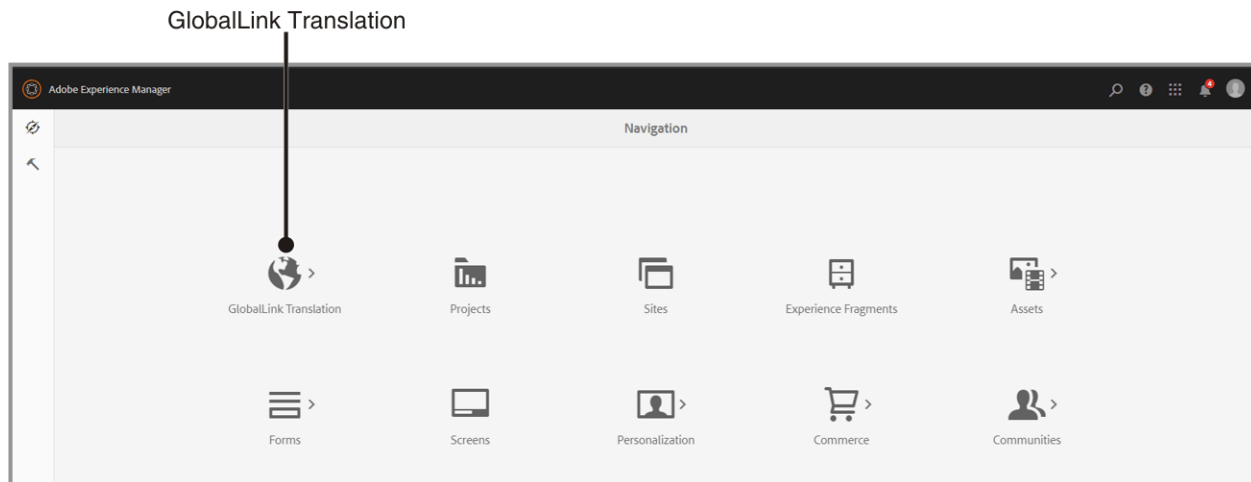
- Log in with system administrator privileges
- Have the AEMP adaptor package ready to install
- Create a language copy of the master site in AEM for each required language
- Map AEM users

## Explore the User Interface

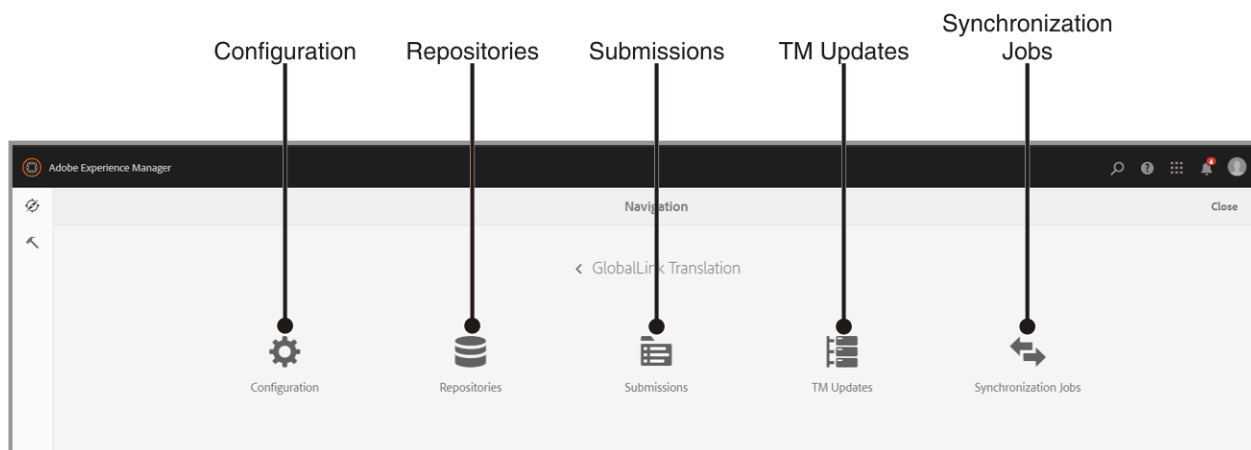
You can initiate and monitor content translation requests from within AEM using GlobalLink AEMP. Access AEMP by clicking the **AEM Navigation Pager**, from the **GlobalLink** menu.

## Adobe Experience Manager

You can access the **GlobalLink** menu from both the **AEM Navigation Pager—Adobe Experience Manager** and the **GlobalLink Translation** button.



## GlobalLink Menu

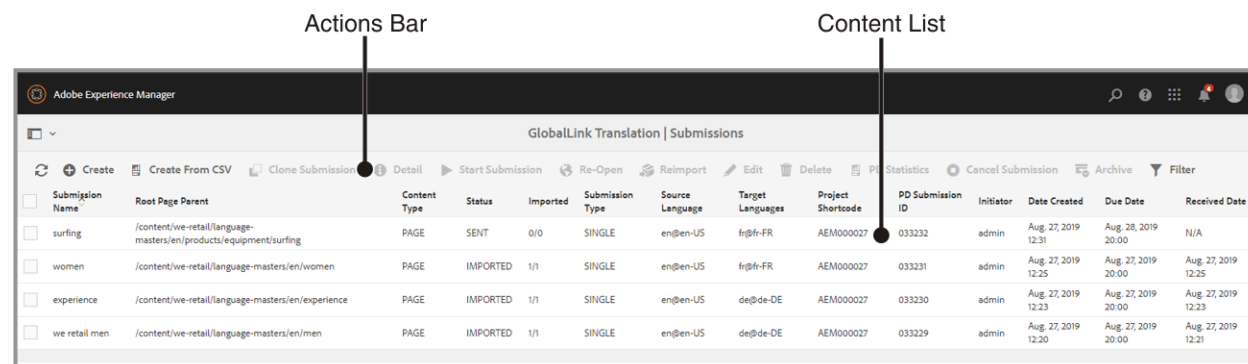


The available functions of the **GlobalLink** menu are:

- **Configuration**—Enter a variety of adaptor settings.
- **Repositories**—Enter a variety of repository settings.
- **Submissions**—Manage your submissions.
- **TM Updates**—Manage your translation memory.
- **Synchronization Jobs**—Align all of your non-translatable nodes.



## GlobalLink Action Page



The actions on the **GlobalLink** menu are:

Action	Explanation
<b>Actions Bar</b>	<ul style="list-style-type: none"> <li>• <b>Create</b>—Generate a submission.</li> <li>• <b>Create from CSV</b>—Generate a submission from a CSV file.</li> <li>• <b>Clone Submission</b>—Copy an existing submission to resend.</li> <li>• <b>Detail</b>—Display the details for the selected submission.</li> <li>• <b>Start Submission</b>—Export a submission to Project Director (PD).</li> <li>• <b>Re-Open</b>—Change the submission to <b>Sent</b> to enable it for downloading.</li> <li>• <b>Reimport</b>—Download a submission from PD.</li> <li>• <b>Edit</b>—Modify a submission.</li> <li>• <b>Delete</b>—Remove a submission from the dashboard.</li> <li>• <b>PD Statistics</b>—Retrieve your submission statistics from PD.</li> <li>• <b>Cancel Submission</b>—Remove the selected submission from PD.</li> <li>• <b>Archive</b>—Move a submission from the dashboard to the archive.</li> <li>• <b>Filter</b>—Limit the list of submissions to a select criteria.</li> </ul>
<b>Content List</b>	Display of all submissions.

# 3. AEM System User Setup

You must create, assign permissions, and map the AEM system users before installing the AEMP adaptor. If you map your system users after installation, you must reinstall the adaptor.

## Create an AEM System User

To create an AEM system user:

1. Log in as system administrator.
2. Go to **Content Repository Extreme** at:

```
http://localhost:4502/crx/explorer/index.jsp
```

3. Click **User Administration**.
4. Click **Create System User**.



Do not click **Create User** by mistake.

5. Enter *gl-service* in the user ID field.
6. Click the green check mark at the side.
7. Click **Close**.

The system user is created.

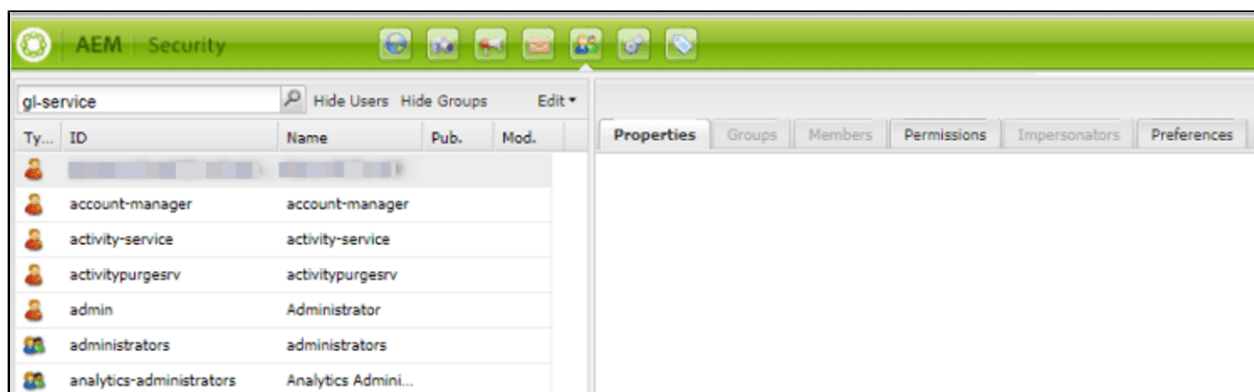
## Assign User Permissions

You must assign user permissions for each user you create.

To assign user permissions:

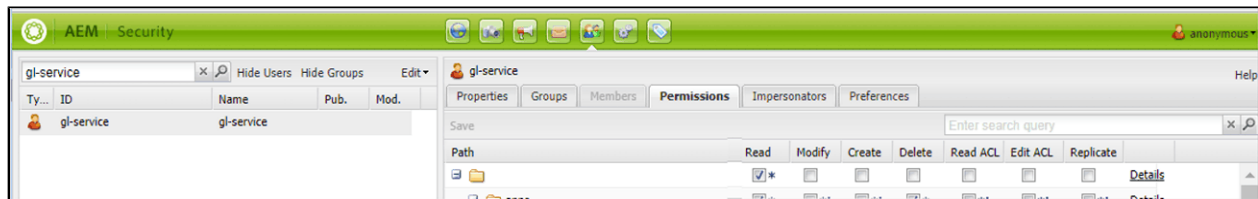
1. Go to:

```
http://localhost:4502/useradmin
```



2. Enter **gl-service** in the search field.

- Double-click **gl-service** to open the user information properties.
- On the **Permissions** tab, select only the **Read** permission for the root folder.



- Select the **Modify**, **Create**, and **Delete** permissions for the other folders in the root folder.

For first-time adaptor installations, provide full permissions to `/apps/`. You can change to specific nodes after adaptor installation.

- Update the permissions for the `/apps/globalink-adaptor/` node immediately after completing installation.

Path	Read	Modify	Create	Delete	Read ACL	Edit ACL	Replicate	
/	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/apps	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/apps/clientlibs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/apps/community-components	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/apps/conf-OF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/apps/core	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/apps/cq	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/apps/dam	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/apps/globalink-adaptor	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details

- Select permissions for `/content/` and, or necessary sub-nodes, such as the, **we-retail site**

/dam	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/dam/assets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/dam/catalogs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/dam/collections	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/dam/dam:batch	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/dam/formsanddocuments	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/dam/formsanddocuments-themes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/dam/jcr:content	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/dam/mobileappimages	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/dam/mobilecontentfragments	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/dam/projects	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/dam/templates	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/dam/we-retail	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/dam/we-retail-screens	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details

/content	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/campaigns	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/catalogs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/communities	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/community	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/community-components	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/cq:tags	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/dam	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/experience-fragments	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/forms	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/i	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/launches	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/mobileapp	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/projects	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/screens	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/sites	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/usergenerated	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details
/content/we-retail	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Details

- Permissions for workflows:
  - If **AEM 6.3**—Select permissions for `/etc/workflow/models/globalink-adaptor/` and `/etc/workflow/models/instances/`

- **If AEM 6.4 or 6.5**—Select permissions for `/var/workflow/models/globallink-adaptor/` and `/var/workflow/models/instances/`
- Permissions for tags:
  - **If AEM 6.3**—Select `/etc/tags/` or necessary sub-nodes, such as, `we-retail site`.
  - **If AEM 6.4, 6.5 or higher**—Select `/content/cq:tags/` or necessary sub-nodes, such as, `we-retail site`.

socialconfig

tags

asset-type

audience

ballistic-products

brand

built-for

community

compatibility

content-type

crucial-general

crucial-products

default

experience-fragments

facebook

form-factor

forum

host-device

interface

language

latest

lexar-products

micron-products

operating-system

properties

we-retail

workflow

taskmanagement

✓

✗

✗

✗

✗

✗

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#### 6. Click **Save**.

The user is assigned the new permissions and added to the **Repository** folder.

## Create a User Mapping

To create a user mapping:

#### 1. Go to **Web Console Manager** at:

```
http://localhost:4502/system/console/configMgr/
```

#### 2. Search for **Apache Sling Service User Mapper Service**.

#### 3. Click **+** and add the following to **Service Mappings**:

```
gs4tr-globallink-adaptors-aem-bundle:gl-service=gl-service
```

#### 4. Click **Save**.

The new user mapping is created and saved.

# 4. AEMP Adaptor Installation

## Preinstallation from 5.8.x and 5.9.x

This version has a new location of the Project Director (PD) connection configuration node and adaptor data in the `/apps/globallink-adaptor` folder. If you are upgrading from 5.8.x or 5.9.x, you must perform these preinstallation upgrade steps.

To upgrade your installation:

1. Backup to an AEM compatible zip package, the content of:

```
/libs/globallink-adaptor/config/repositories
```

2. Backup to an AEM compatible zip package, the content of:

```
/libs/globallink-adaptor/submissions
```

Your upgrade is complete.



The backups are used in the event of folder content loss during the upgrade.

## Install the Adaptor

Before installing the adaptor, you must meet all software prerequisites. Refer to [Software Requirements](#).



Use installation and configuration files from one of two locations: the installation package provided by GlobalLink or the AEM Package Share.

To install the adaptor:

1. Using the package manager, upload the **GlobalLink-Connect Plus-x.x.x** package to the AEM instance.
2. Click **Install**.
3. Go to the web console manager:

```
http://localhost:4502/system/console/configMgr
```

4. Search for and open the `Apache Felix Event Admin Implementation` file.
5. Set the **Timeout** to `15000`.
6. Close `Apache Felix Event Admin Implementation`.
7. Locate and open the **Apache Sling GET Servlet** configuration, then verify that **JSON Max Results** is set to a minimum of 1000.
8. Close the **Apache Sling GET Servlet**.
9. Locate and open the **Day CQ Link Externalizer** configuration, then verify that the local domain URL matches the domain and port of AEM author access to facilitate the **Preview Feature**.

10. Close the **Day CQ Link Externalizer** configuration.
11. Locate and open **CRXDE Lite**.
12. Do one of the following:
  - **If AEM 6.4 or 6.5—Remove**
    - `/etc/workflow/models/globalink-adaptor-*` and
    - `/etc/workflow/scripts/globalink-adaptor`
  - **If AEM 6.3—Remove**
    - `/var/workflow/models/globalink-adaptor-*` and
    - `/apps/workflow/scripts/globalink-adaptor`
13. Verify:
  - a) Removal of `/libs/globalink-adaptor/`
  - b) Restoration of repositories and submissions from old version
    - `/apps/globalink-adaptor/config/repositories/`
    - `/apps/globalink-adaptor/submissions/`

The AEMP adaptor is installed.



If you receive a CSRF error when attempting to view the GlobalLink UI, add:

```
http://<aem_url>/(<bin|apps>)/globalink-.*
```

*Apache Sling Referrer Filter > Allow Regexp Host* and restart your AEM instance.

## Install the Touch Editor Module

The Touch Editor module is an independent module used to submit content from the **Touch Editor** in AEM.

To install the module:

1. Go to the **Package Manager**.
2. Upload the **GlobalLink Connect Plus Touch Editor – x.x.x** package into your AEM instance.
3. Click **Install**.

## Configure AEM Dispatcher Module

If you are using **AEM Dispatcher** as a caching or load balancing tool, you can filter the adaptor path to prevent it always being cached on AEM. This eliminates adaptor upgrades and changes from being replicated in the Dispatcher configuration.

To install the Dispatcher module:

1. Open the **AEM Dispatcher** filter configuration, file and add:

```
/0007
{
  /glob "/apps/globalink-adaptor/*"
  /type "deny"
}
```

2. Save and close the file.

The adaptor is whitelisted on the **AEM Dispatcher** configuration.

## Uninstall the Adaptor

To uninstall the adaptor:

1. Go to **Package Manager > GlobalLink package**.
2. Click **Uninstall**.

The adaptor is uninstalled.

# 5. Assign Non-Admin User Permissions











After you have installed the adaptor, you must assign permissions to all non-administrator users.

To assign non-administrator user permissions:

1. Go to:

`http://<localhost>:4502/useradmin`

2. Search for groups or users using the search bar.
3. Double-click the group or user to open the user information in the right pane.
4. On the **Permissions** tab, select **Read** permissions—at the minimum—to the `/apps/globallink-adaptor` folders.

Ty...	ID	Name	Pub.	Mod.	Properties	Groups	Members	Permissions	Impersonators	Preferences		
	content-authors	Authors			Save							
Path					Read	Modify	Create	Delete	Read A...	Edit ACL	Replicate	
					<input checked="" type="checkbox"/> *	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">Details</a>
 apps					<input checked="" type="checkbox"/> *	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">Details</a>
 clientlibs					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">Details</a>
 community-components					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">Details</a>
 conf-DF					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">Details</a>
 core					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">Details</a>
 cq					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">Details</a>
 dam					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">Details</a>
 globallink-adaptor					<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">Details</a>

The user permissions are assigned.



# 6. AEMP Adaptor Configuration

You can configure your AEMP adaptor through the **Configuration** page.

## Configure General Connection Settings

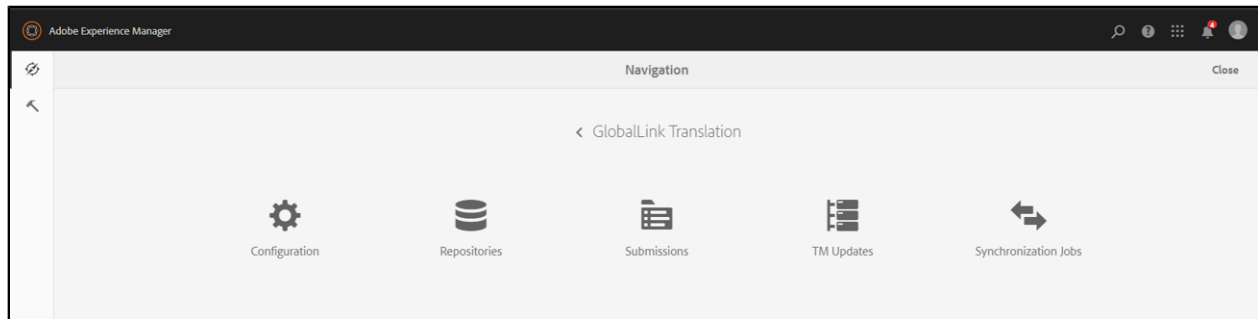
You can configure the connection between the adaptor and Project Director (PD).



If your site requires different configurations, you can create additional repositories defined by unique root paths. Any content that does not belong to a user defined repository retains default repository settings.

To configure general connection settings:

1. On the **AEM Navigation Pager** dashboard, click **Configuration**.



2. On the **Configuration** dialog, click the **General** tab.

- Enter data in the general adaptor configuration option fields.

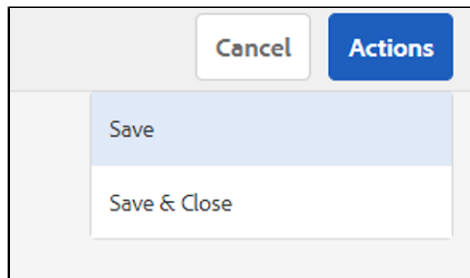
The screenshot shows the 'GlobalLink Translation | Configurations' interface with the 'General' tab selected. The configuration fields are as follows:

- Web Services Url:** A text input field containing 'https://pdUrltranslations.com/PD/services'. It is marked as required with a red asterisk and has an information icon.
- Username:** A text input field containing 'connect-aemp'. It is marked as required with a red asterisk and has an information icon.
- Password:** A password input field with masked characters '.....'. It is marked as required with a red asterisk and has an information icon.
- Test Connection:** A button located below the password field.
- Scheduler period:** A dropdown menu showing '5'. It is marked as required with a red asterisk and has an information icon.
- Submissions per import:** A dropdown menu showing '10'. It is marked as required with a red asterisk and has an information icon.
- Environment:** A dropdown menu showing 'STAGING'.
- Append daytime to client identifier:** An unchecked checkbox.

Required fields are marked with a red asterisk.

Field	Action
<b>Web Services URL</b>	Enter the URL for the PD instance that is connected to AEM followed by / <i>services</i> , such as, <code>https://yourPDserver.translations.com/PD/services</code> .
<b>Username</b>	Enter your PD instance credentials for creating submissions.
<b>Password</b>	Enter the PD user password.
<b>Scheduler period</b>	Select the frequency in minutes to for AEM to poll PD for completed submissions.
<b>Submissions per import</b>	Select the number of submissions in each import for AEM to poll PD for completed submissions.
<b>Environment</b>	Select client AEMP environment connection source as: <b>Dev</b> , <b>QA</b> , <b>Staging</b> , or <b>Production</b>
<b>Append daytime to client identifier</b>	Select to enable automatic PD cancellation of old submissions when you submit a new version.

- Click **Action > Save**.



The general connection settings are configured.

## Configure Proxy Server Settings

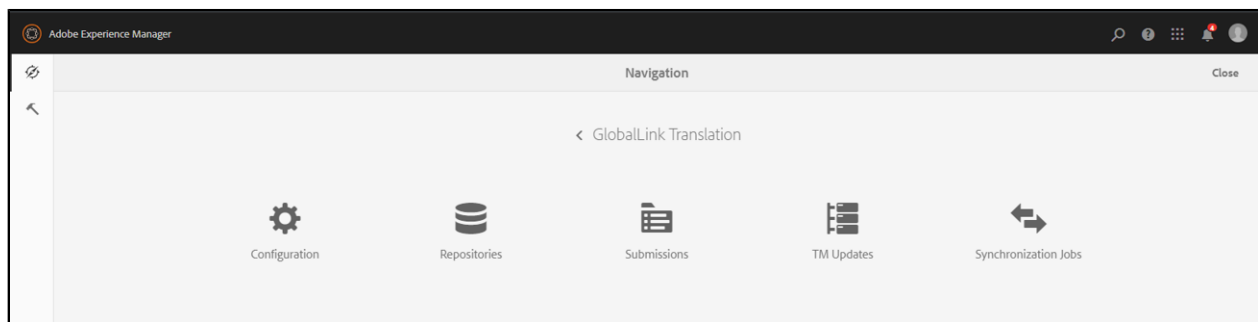
You can configure a proxy server for the adaptor and Project Director (PD) interaction.



If your site requires different configurations, you can create additional repositories defined by unique root paths. Any content that does not belong to a user defined repository retains default repository settings.

To configure a proxy server:

1. On the **AEM Navigation Pager** dashboard, click **Configuration**.



- On the **Configuration** dialog, click the **Proxy** tab.

**GlobalLink Translation | Configurations**

General **Proxy** Notifications Appearance Log Users Preview Server Workflows Permissions

☒ Enable proxy server

Proxy server configuration

Host:\*  ⓘ

Port:\*  ⓘ

Username:  ⓘ

Password:  ⓘ

Required fields are marked with a red asterisk.

Field	Action
<b>Enable proxy server</b>	Select to enable the proxy server.
<b>Host</b>	Enter your proxy server host name.
<b>Port</b>	Select your proxy server port number.
<b>Username</b>	Enter your user ID for proxy authentication.
<b>Password</b>	Enter password for proxy authentication.

- Click **Actions > Save**.

Cancel Actions

Save

Save & Close

The proxy server settings are configured.

## Configure Dashboard Appearance Settings

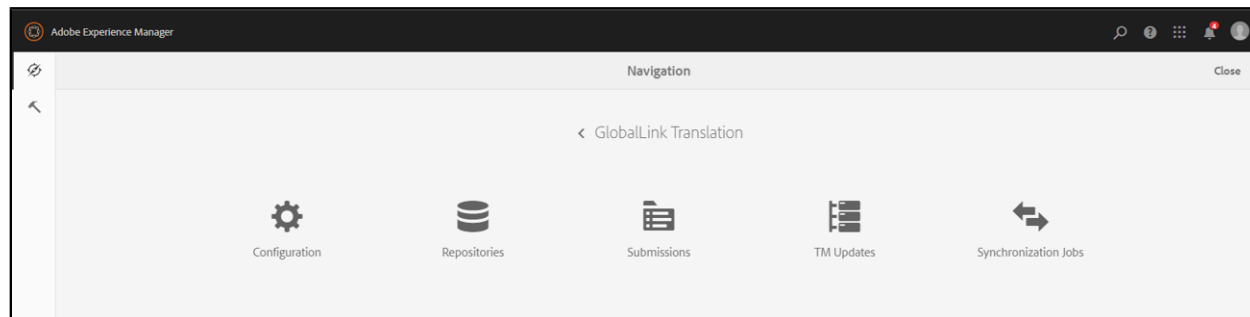
You can configure the appearance of the adaptor dashboard.



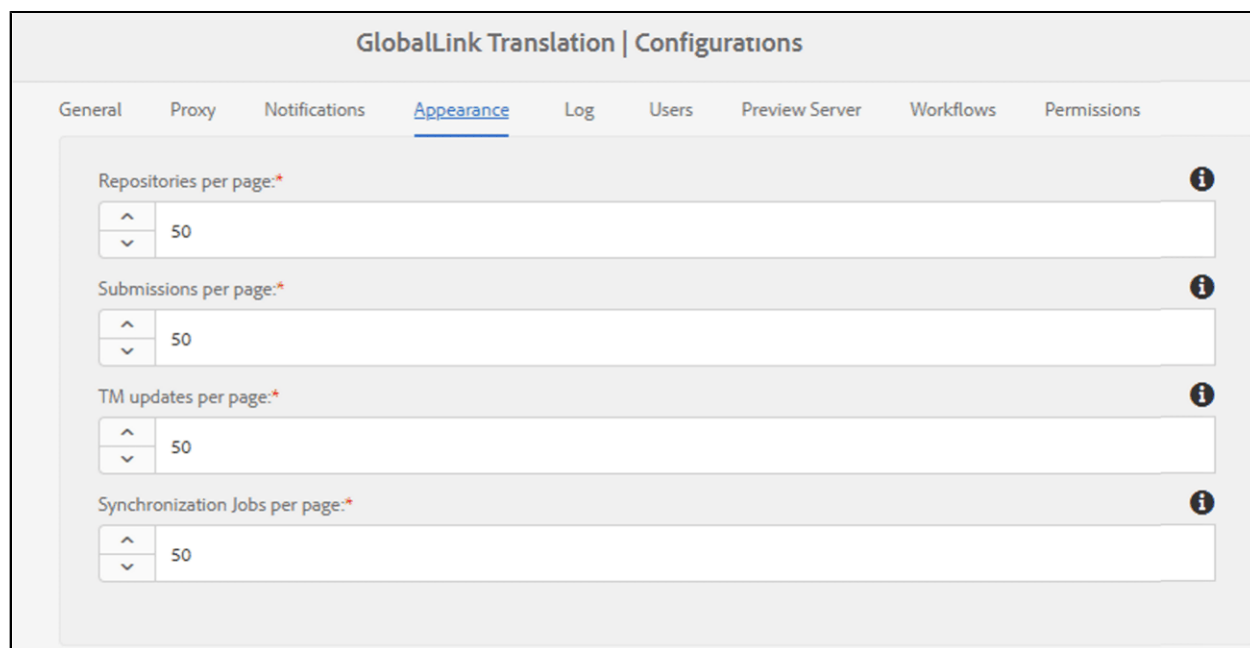
If your site requires different configurations, you can create additional repositories defined by unique root paths. Any content that does not belong to a user defined repository retains default repository settings.

To configure the dashboard appearance:

1. On the **AEM Navigation Pager** dashboard, click **Configuration**.



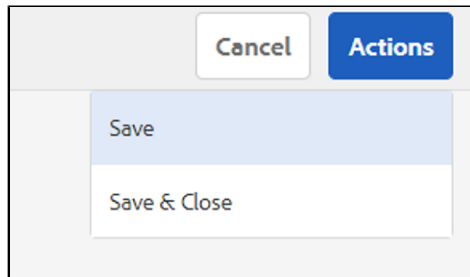
2. On the **Configuration** dialog, click the **Appearance** tab.



Required fields are marked with a red asterisk.

Field	Action
<b>Repositories per page</b>	Select the number of repositories visible on a given page.
<b>Submissions per page</b>	Select the number of submissions visible in a page.  Note: Multiple targets within one submission are counted as a single submission.
<b>TM updates per page</b>	Select the number of translation memory (TM) updates visible on a given page.
<b>Synchronization Jobs per page</b>	Select the number of synchronization jobs visible on a given page.


- Click **Action > Save**.



The dashboard appearance settings are configured.

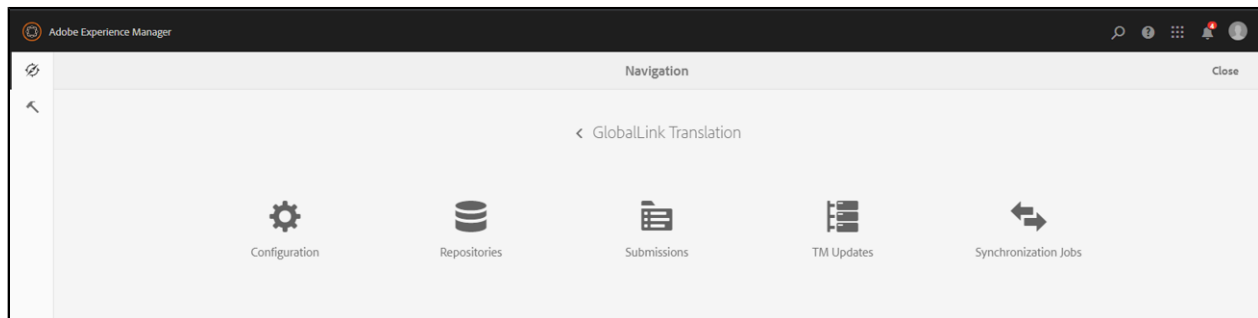
## Configure Log Setting

You can configure the logging level for each repository.

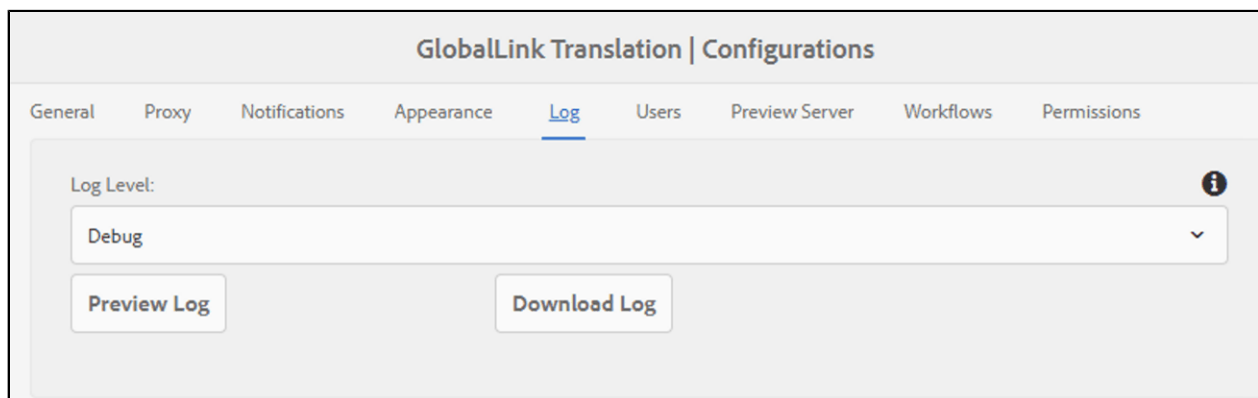
-  If your site requires different configurations, you can create additional repositories defined by unique root paths. Any content that does not belong to a user defined repository retains default repository settings.

To configure the logging level for a repository:

- On the **AEM Navigation Pager** dashboard, click **Configuration**.



- On the **Configuration** dialog, click the **Log** tab.

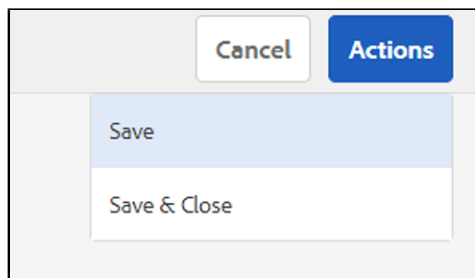


Required field is marked with a red asterisk.

- Log Level** Select log level to be downloaded. The options are **Info** and **Debug**.
- Preview Log** Click to preview the current log.

**Download Log** Click to download the current log to your download folder.

3. Click **Actions > Save**.



The logging level is configured.

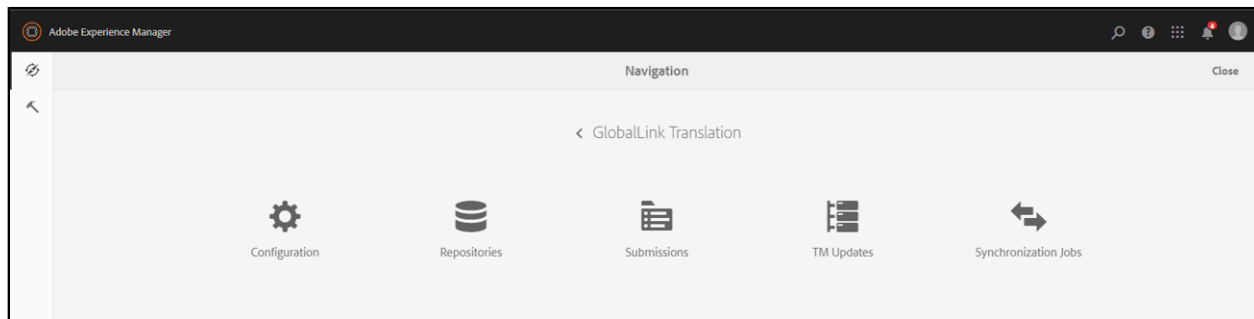
## Configure Users Setting

You can specify which users can view specific submissions using the **Users** option on the **Configuration** page.

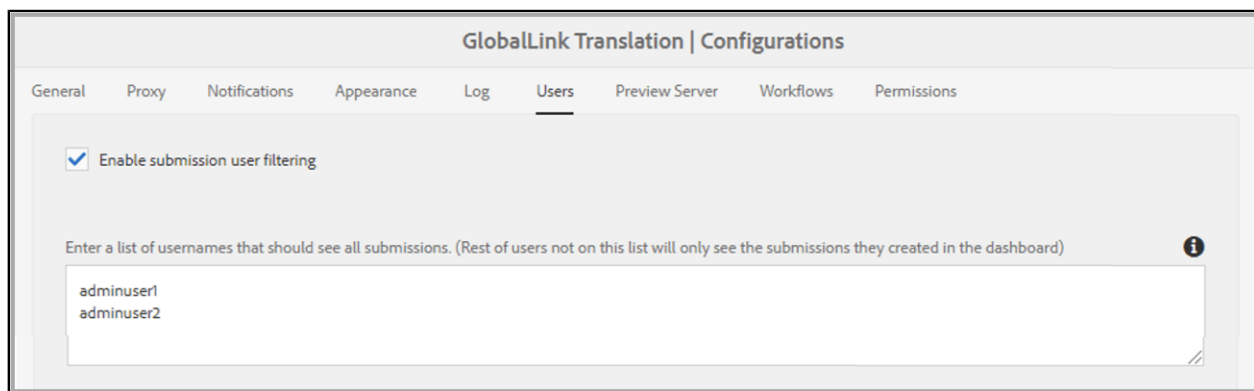
**i** If your site requires different configurations, you can create additional repositories defined by unique root paths. Any content that does not belong to a user defined repository retains default repository settings.

To configure user settings:

1. On the **AEM Navigation Pager** dashboard, click **Configuration**.



2. On the **Configuration** dialog, click the **Users** tab.



**Enable submission user filtering**

Select to filter user names that should see all submissions.

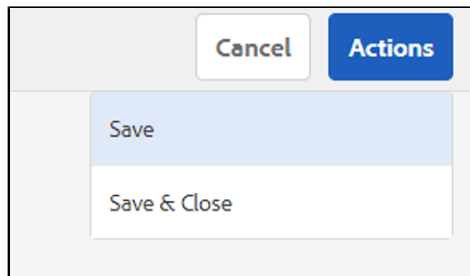
**List of user names**

Enter the IDs of those users with visibility to all submissions.



Those users not listed here can only see their submissions on the dashboard.

3. Click **Actions** > **Save**.



The user settings are configured.

## Configure Preview Server Settings

You can configure your preview server settings.



Contact your GlobalLink representative for your **PSS URL**, **PSS Username**, **PSS Password**, **Org ID**, and **Client ID** identifiers. These identifiers are unique to your account.



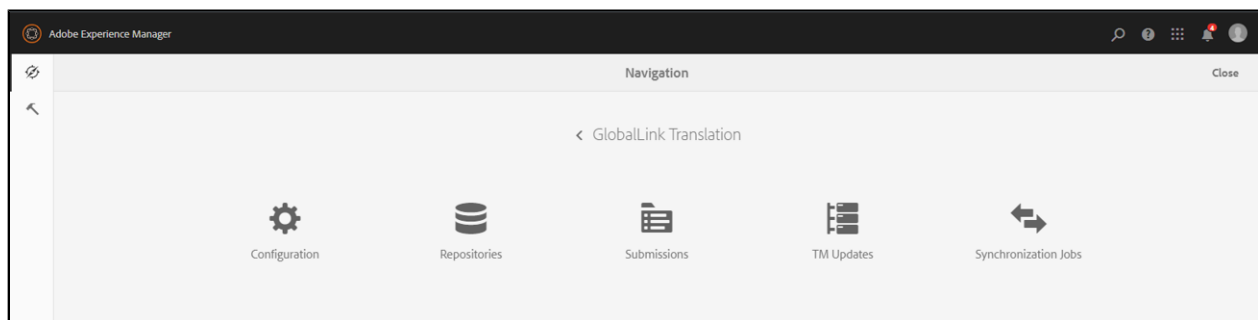
If your site requires different configurations, you can create additional repositories with unique root paths. Any content that does not belong to a user defined repository retains default repository settings.



Make sure that your entries contain no blank spaces before saving them.

To configure preview server settings:

1. On the **AEM Navigation Pager** dashboard, click **Configuration**.








2. On the **Configuration** dialog, click the **Preview Server** tab.


**GlobalLink Translation | Configurations**


General Proxy Notifications Appearance Log Users **Preview Server** Workflows Permissions


Preview Server URL: 


PSS Username: 


PSS Password: 

Org ID: 

Client ID: 

AEM Username: 

AEM Password: 

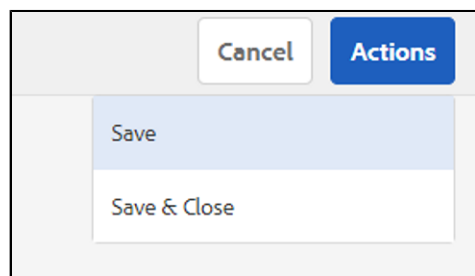
Additional value to the end of AEM page url to be previewed: 

☐ Remove preview packages after submission creation

Field	Action
<b>Preview Server URL</b>	Enter the URL of the Preview Server instance that hosts the preview of the HTML pages sent for translation: <ul style="list-style-type: none"> <li>• <b>Staging</b>—<a href="https://connect-dev.translations.com/api/v1/file/context/upload">https://connect-dev.translations.com/api/v1/file/context/upload</a></li> <li>• <b>Production</b>—<a href="https://connect.translations.com/api/v1/file/context/upload">https://connect.translations.com/api/v1/file/context/upload</a></li> </ul>
<b>PSS User</b>	Enter the preview server user ID.
<b>PSS Password</b>	Enter the preview server password.
<b>Org ID</b>	Enter the unique token identifier for your preview server.
<b>Client ID</b>	Enter the unique token identifier being the <b>Org ID</b> joined by a forward slash ("/") to your <b>Client ID</b> for use as a connection key to your preview server.
<b>AEM User</b>	Enter an AEM user ID with administrator permission, used to impersonate the fetching of each HTML page during submission creation.
<b>AEM Password</b>	Enter an AEM user password.

Field	Action
<b>Additional value to the end of AEM page url to be previewed</b>	(Optional) Enter any parameters to be passed with the URL for use in assembling the preview. For example, <i>?wcmdisabled=true</i> .
<b>Remove preview packages after submission creation</b>	Select to remove ZIP files with the pages preview after the submission is created and sent.

3. Click **Actions > Save**.



The preview server settings are configured.

## Configure Preview Server Filter

You can configure your preview server to exclude selective files in the preview snapshot.

To configure preview server filters:

1. In **CRXDE**, browse to `/apps/globalink-adaptor/config/`.
2. Create an **nt:unstructured** node named *pss*.
3. On this **pss** node, create a **String[]** property named *ignoreFiles*.
4. Add your list of file names or name-patterns for exclusion.

For example:

- `etc_designs_refresh_assets.js`
- `connect.facebook`

5. Save the changes in **CRXDE**.

The preview server filters are configured.

## Configure Workflows Setting

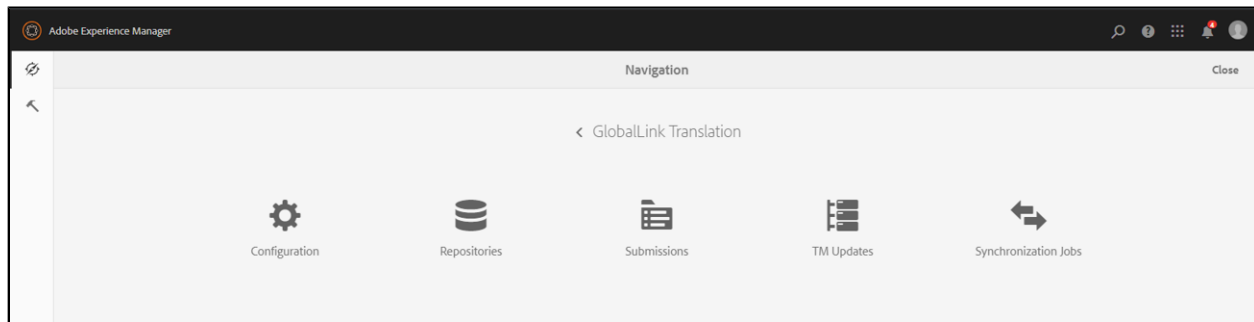
You can configure your specific workflow folder to customize the **Workflow on Delivery** list.



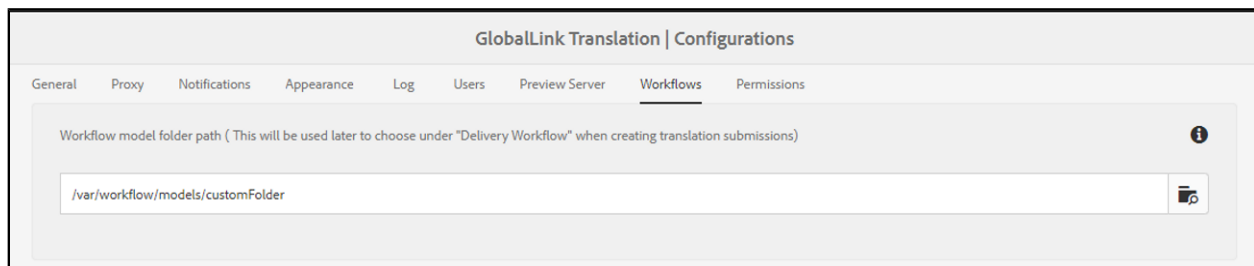
Contact your GlobalLink representative for your **PSS URL**, **PSS Username**, **PSS Password**, and **Client ID** identifiers. These identifiers are unique to each client.

To configure a workflow model connection settings:

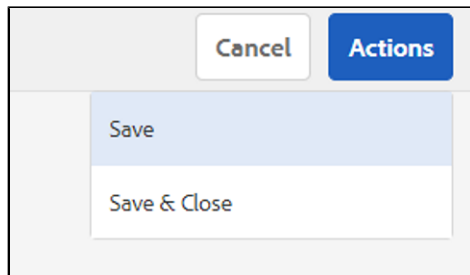
1. On the **AEM Navigation Pager** dashboard, click **Configuration**.



2. On the **Configuration** dialog, click the **Workflows** tab.




3. Enter your workflow models path for AEMP to use. If this workflow path is blank, AEMP lists all workflow models.
4. Click **Actions** > **Save**.



The workflow model connection settings are configured.

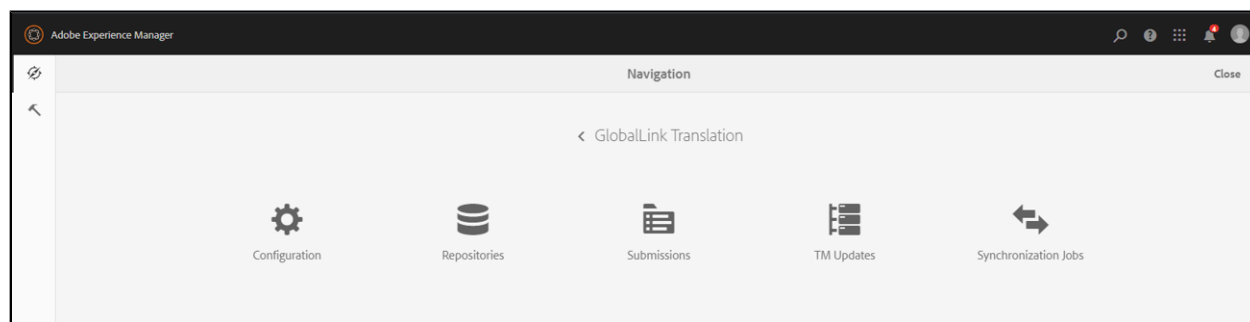
## Configure Permissions Setting

You can configure permissions, for the specific Project Director (PD) projects, by users and usergroups.

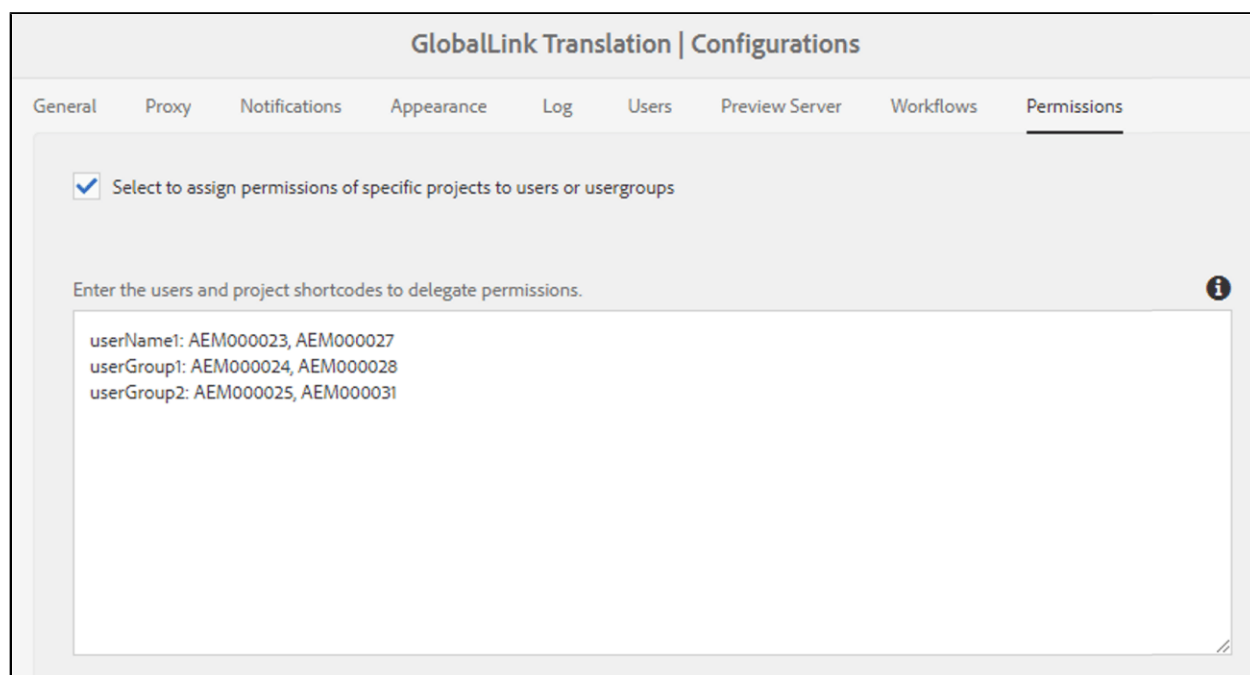
-  Contact your GlobalLink representative for the list of project shortcodes that you need to assign permissions. These project codes are unique to each client.

To configure permissions by users and usergroups:

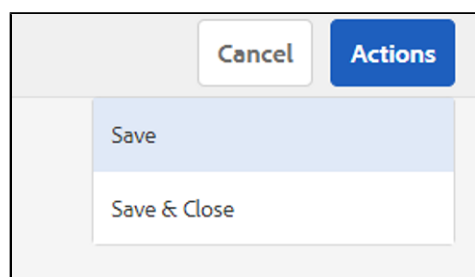
1. On the **AEM Navigation Pager** dashboard, click **Configuration**.



2. On the **Configuration** dialog, click the **Permissions** tab.



3. Enter the submitter user names (such as, *username1*) and usergroups (such as, *AEM000024,AEM000027*) in to the **Enter the users and project shortcodes to delegate permissions.** input area.
4. Click **Actions > Save**.



The permissions by user and usergroup are configured.



These permissions are visible when users create submission requests.



If you activate this feature, make sure that every user name and usergroup intended to configure and create submissions is listed here with appropriate projects codes assigned.

# 7. AEMP Site Repository Configuration

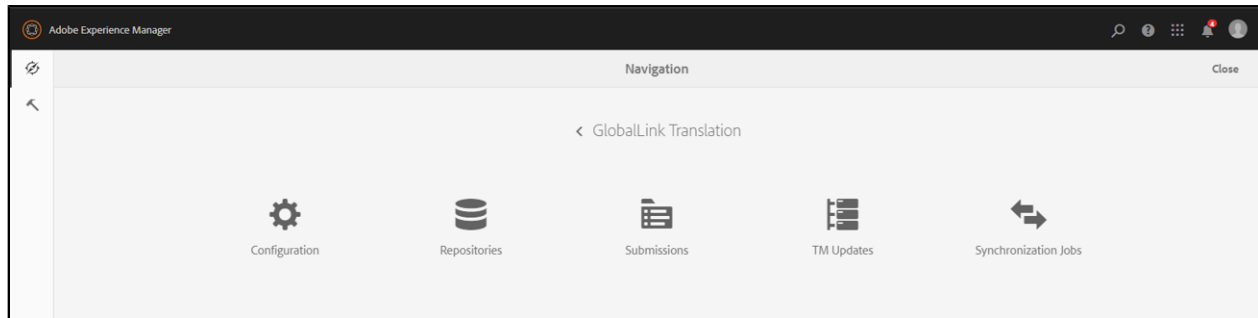
You can configure the AEMP site repository through the **Repositories** page.

## Configure General Repository Settings

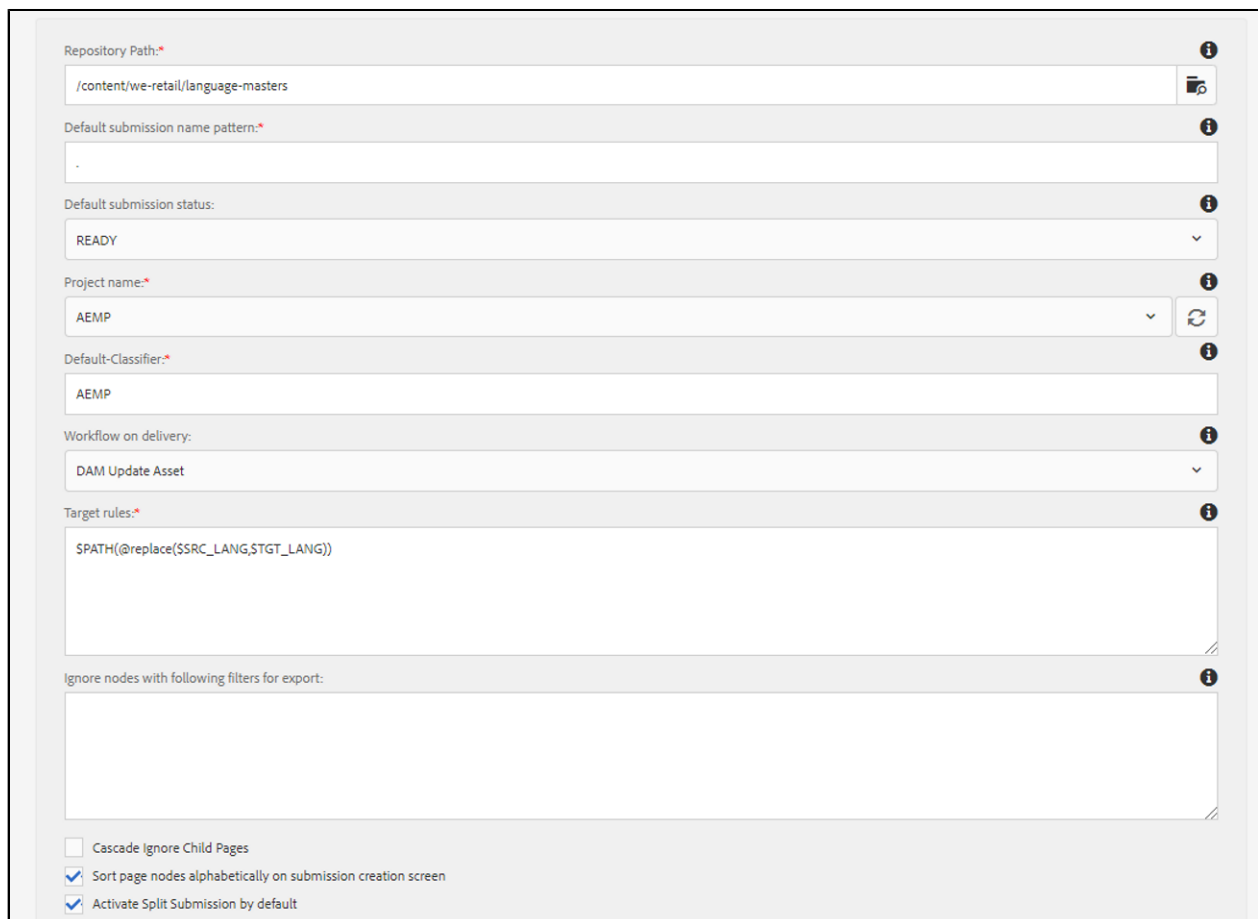
You can configure the general settings for each repository.

To configure the repository general settings:

1. On the **AEM Navigation Pager** dashboard, click **Repositories**.



2. In the **Repositories List**, select a repository, then click **Edit**.
3. On the **Edit Repository Configuration** dialog, click the **General** tab, then enter the settings.

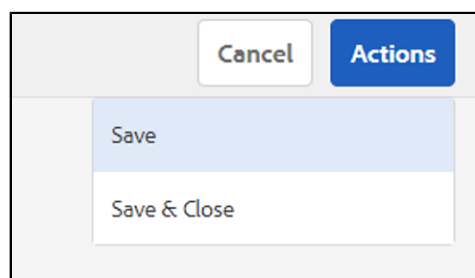


Required fields are marked with a red asterisk.

Setting	Action
<b>Repository path</b>	Verify the auto-populated repository path.
<b>Default submission name pattern</b>	<p>Enter the default name pattern for submissions as a function of the path to the page.</p> <p>Content between the forward-slashes refers to the current folder in the pathname. A hyphen after the slashes acts as a separator, using the following dot schema:</p> <ul style="list-style-type: none"> <li>• <b>None</b>—Exclude the submitted page name</li> <li>• <b>One</b>—Include the submitted page name</li> <li>• <b>Three</b>—Include the submitted page name and number of parent page names equal to the total number of dots</li> </ul> <p>For example:</p> <pre>//.-/.-.</pre> <p>Locate results in the submitted page path:</p> <pre>/content/geometrixx/en/products/mandelbrot/overview name: geometrixx_mandelbrot-overview.</pre>
<b>Default submission status</b>	<p>Select the default submission status in AEM.</p> <ul style="list-style-type: none"> <li>• <b>NOT READY</b>—Submissions are created but not sent to PD immediately. You are given time to review and make changes before sending the submission to PD.</li> <li>• <b>READY</b>—Submissions are created and sent immediately to PD.</li> </ul>
<b>Project name</b>	Enter the default Project Director (PD) project name for the submissions.
<b>Default Classifier</b>	Enter the default file classifier.
<b>Workflow on delivery</b>	Select the workflow that must be triggered upon return of the translation to AEM, such as Adobe PLW.
<b>Target rules</b>	<p>Set rules to determine how the adaptor selects the target path of a translated component.</p> <p>You can set target rules to replace a part of the path with a different value depending on the target language. For example:</p> <ul style="list-style-type: none"> <li>• <b>\$PATH variable</b>—Page, Experience fragments, DAM assets, i18n, and commerce translation use \$PATH(@replace(\$SRC_LANG, \$TGT_LANG)) to replace the source with the target locales to allocate the translations in the respective target folders on the specified path. For additional extended use cases, see, <a href="#">Extend Target Rules</a>.</li> <li>• <b>\$FILE_NAME variable</b>—The DAM Metadata translation uses \$FILE_NAME(@replace(\$EXTENSION, -\$TGT_LANG \$EXTENSION))</li> <li>• <b>\$PROPERTY variable</b>—The tags translation uses \$PROPERTY(@replace(\$PROPERTY, \$PROPERTY.\$TGT_LANG))</li> </ul>

Setting	Action
<b>Ignore Node with</b>	List a value and property that protects the content of these nodes and their children from the translation process instead of blocking a single property.
<b>Sort page nodes alphabetically on submission creation screen</b>	Select to list the tree items alphabetically on the submission create page.
<b>Sort pages by modified date on submission creation screen</b>	Select to list the tree items from newest to oldest modified date.
<b>Activate Split Submission by default</b>	Select to have the <b>Split Submission</b> option selected by default on the submission create page.
<b>Use sling:key to show dictionary items on the content tree</b>	Select to display the <b>sling:key</b> property based dictionary items on the content tree.

4. Click **Actions** > **Save**.



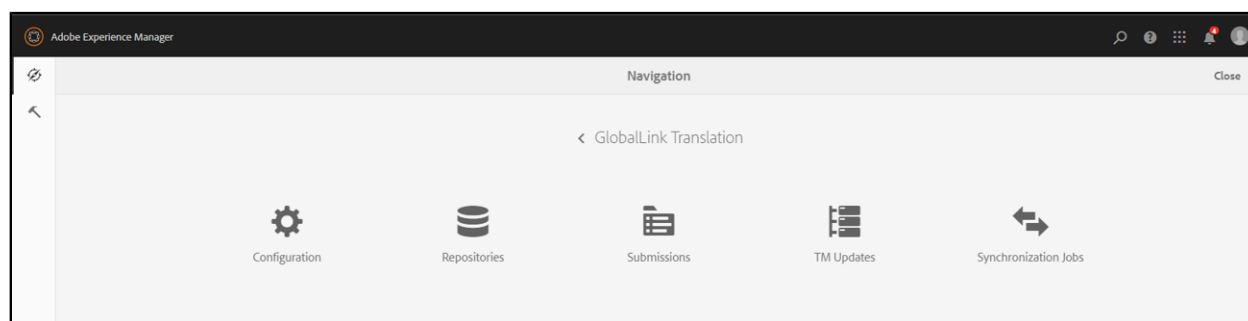
The general repositories settings are configured.

## Configure Resources Settings

You can configure the resource settings for each repository.

To configure a repository resource settings:

1. On the **AEM Navigation Pager** dashboard, click **Repositories**.



2. In the **Repositories List**, select a repository, then click **Edit**.
3. On the **Edit Repository Configuration** dialog, click the **Resources** tab, then enter the settings.

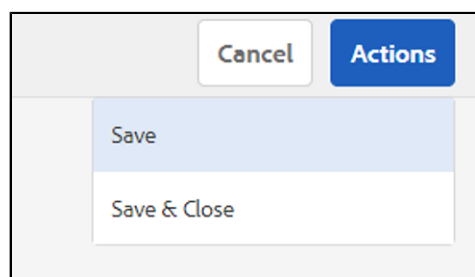


The screenshot shows the 'Resources' tab in the AEM Connect Plus configuration interface. The 'Workflow Review' and 'Commerce' sub-tabs are visible. The main configuration area includes several sections:

- Copy to target (Update):** A checkbox that is checked.
- Copy all of the non-translatable fields during import:** A checkbox that is checked.
- Always copy properties (propertyName@resourceType):** A text area for specifying properties to always copy. It is currently empty.
- Delete excess array members on import:** An unchecked checkbox.
- Rewrite links in copied properties:** An unchecked checkbox.
- Delete resources on target, if they don't exist on source:** An unchecked checkbox.
- File path with translatable properties and resource type mapping:** A text area for specifying a file path. It is currently empty.
- Important:** A red text warning: "Important: if you enter a file path then Custom list of translatable properties and resource type mapping will be ignored".
- Custom list of translatable properties and resource type mapping (propertyName@resourceType):** A text area containing a list of properties: `jcr:title@*`, `text@*`, `title@*`, and `heading@*`.
- Always copy property value into the target page during export:** A checked checkbox.
- Always copy to target for pages without translatable fields during import:** An unchecked checkbox.

Setting	Action
<b>Copy to target (Update)</b>	Select to copy, after submission delivery, any translatable components from the source that do not exist in the target.
<b>Copy all of the non-translatable fields during import</b>	Select to copy all components that cannot be translated, from the source to the target after submission delivery, synchronizing pages.
<b>Copy to target exceptions</b>	<p>Enter a list of specific adaptor nodes' properties or paths to omit copying from the source to the target:</p> <ul style="list-style-type: none"> <li>• Use <i>propertyName</i></li> <li>• Use path patterns, such as, <i>*/cq:LiveSyncConfig/</i></li> </ul>
<b>Always copy properties (propertyName@*)</b>	<p>Enter non-translatable properties to synchronize between source and target:</p> <ul style="list-style-type: none"> <li>• Use <i>propertyName@slings:resourceType</i></li> <li>• If a property has no sling type, use <i>propertyName@*</i></li> </ul>
<b>Delete resources on target, if they don't exist on source</b>	(Optional) Select to delete properties on the target page that are not on the source page when a submission is delivered.

Setting	Action
<b>File path</b> with translatable Properties and resource type mapping	Enter the system path location for translatable components.  Note: The resource must contain a UTF-8 text file without a bill of materials (BOM).
<b>Custom List Of translatable properties and resource type mapping</b>	Specify the list of translatable fields of AEM resources being sent to Project Director (PD) for translation. This section allows you to specify the translatable resources without the need to use a configuration file. Entries should be one per line in the following format: <ul style="list-style-type: none"> <li>• The <i>propertyName@sling:resourceType</i></li> <li>• If the sling type is not in the same node as the propertyName, enter the path to it, such as, <i>parentNode/propertyName@sling:resourceType</i>.</li> <li>• Enter paths used to restrict a translatable property to certain pages, such as, <i>pageName/body/leftCol/text@sling:resourceType</i>.</li> <li>• Enter wildcards for use in generalizing the configuration, such as, <i>text@*</i> or <i>products/*/label@*</i></li> <li>• If a property has no sling type, enter <i>propertyName@*</i> or <i>propertyName@**</i></li> <li>• If a property has multiple attributes in JSON format, you can map them by entering:  <i>propertyName@"attributeName1":"@@"*</i>  <i>propertyName@"attributeName2":"@@"*</i>  ... </li> </ul>
<b>Always copy property value into the target page during export</b>	(Optional) Select to copy all translatable property values from the source in the target pages when sending a submission.
<b>Always copy to target for pages without translatable fields during import</b>	(Optional) Select to copy all selected pages after submission delivery, including those pages with no content to translate.

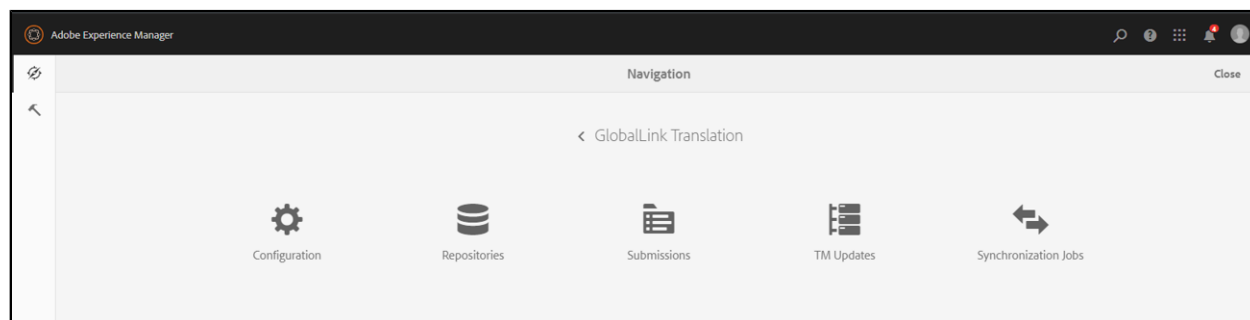
4. Click **Actions > Save**.

The repository resource settings are configured.

## Configure Blocked Resources Settings

To configure blocked resources settings:

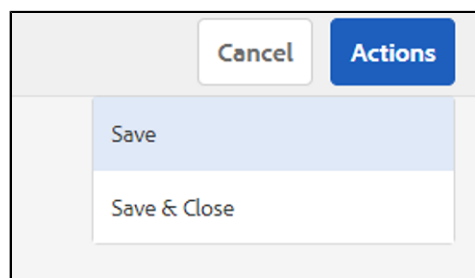
1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
2. Click **Repositories**.



3. In the **Repositories List**, select a repository, then click **Edit**.
4. On the **Edit Repository Configuration** dialog, click the **Blocked Resources** tab, then enter your settings.

Setting	Action
<b>Blocked resource types file path</b>	<p>Enter this file path to override any configuration set for the <b>Blocked</b> resource type in the user interface.</p> <p>Note: Use this method of blocking to include all properties listed in grey in the user interface display of your file.</p>
<b>Custom blocked resource type mapping</b>	<p>Enter the type of resources or resource paths in AEM restricted from submissions sent to Project Director (PD).</p> <p>Note: This entry allows the user to specify the non-translatable resources without the need to use a configuration file.</p>
<b>Block following nodes to be synced up on import</b>	<p>Enter the source nodes on AEM not synchronized with target nodes on import.</p>
<b>Block following nodes/properties not to be deleted on import</b>	<ul style="list-style-type: none"> <li>• Enter the paths for nodes from the target that do not exist in the source that the adaptor does not delete.</li> <li>• Enter the type of AEM resources for nodes from the target that do not exist in the source that the adaptor does not delete.</li> </ul> <p>Note: This only applies when <b>Delete resources on target, if they don't exist on source</b> is selected.</p>
<b>Block import on Nodes/properties by filter: (propertyName=value)</b>	<p>Enter filters to block importing translated content on specific nodes. The adaptor looks for the target node property name in one of the nodes and, if matched, it prevents the content import.</p>
<b>Include blocking children nodes of parent that has the filter</b>	<p>Select to allow extending the blocking of content import on the children nodes from the blocked parent nodes as defined in <b>Block import on Nodes/properties by filter... above</b>.</p>

5. Click **Actions > Save**.

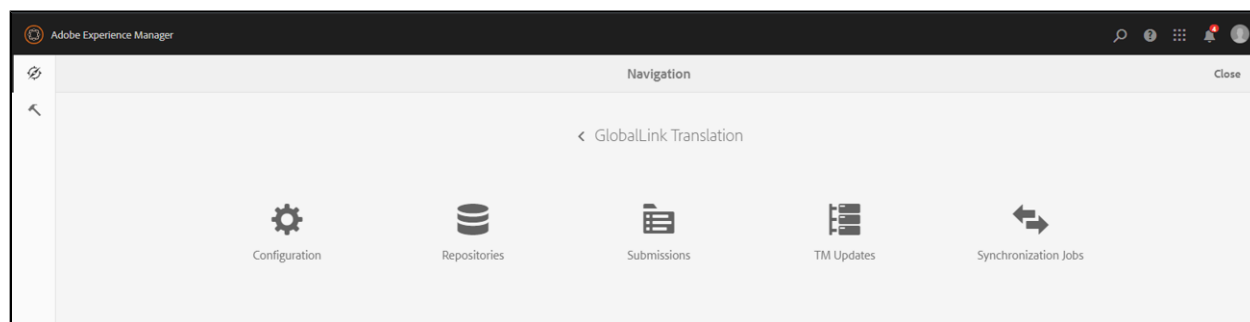


The blocked resources settings are configured.

## Configure Tags Settings

To configure the tags settings:

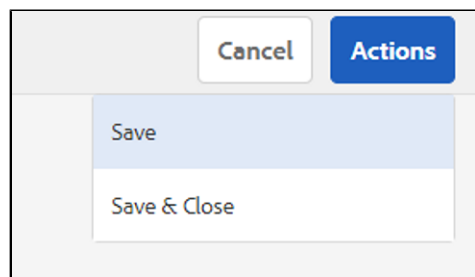
1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
2. Click **Repositories**.



3. In the **Repositories List**, select a repository, then click **Edit**.
4. On the **Edit Repository Configuration** dialog, click the **Tags** tab.

Setting	Action
<b>Copy tags to target (update)</b>	Select to enable the copy of source tags to the target.
<b>Send tags to translation</b>	Select to send translating standard jcr:tags or automatically create missing target tags during the GlobalLink translation update workflow.
<b>Tag types mapping file path</b>	Enter the file path with standard tags.  Note: If a tag-types mapping file path is entered, the <b>Custom</b> tag types mapping is ignored.
<b>Custom tag types mapping</b>	Enter non-standard tags that should be translated.

- Click **Actions** > **Save**.



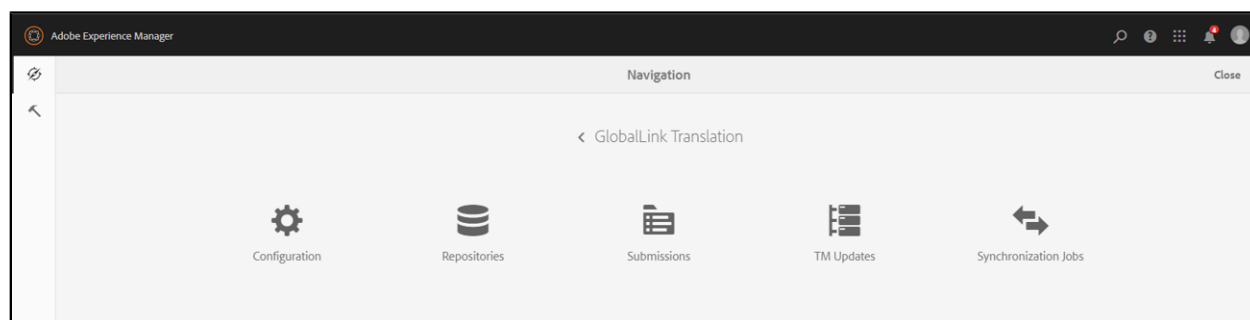
The tags settings are configured.

## Configure Tag Repositories

If you want to be able to submit tags for translation, you must configure the tag repositories.

To configure tag repositories:

- On the **AEM Navigation Pager** dashboard, click **Repositories**.



- In the **Repositories List**, select a content site repository, then click **Create**.
- On the **New Repository** dialog, click the **General** tab.

 A screenshot of the 'New Repository' dialog in the AEM interface. The dialog has a 'Cancel' button and an 'Actions' button. It features several tabs: General, Resources, Blocked Resources, Tags, References, Languages, Auto Submission, Notifications, DAM Assets, Link Rewriting, and TM Update. The 'General' tab is selected. Below the tabs, there are several form fields, some marked with a red asterisk to indicate they are required:
 

- Repository Path\***: A text field containing '/content/cq.tags/lve-retail'.
- Default submission name pattern\***: A text field containing '.'.
- Default submission status:**: A dropdown menu with 'READY' selected.
- Project name\***: A dropdown menu with 'AEMP' selected.
- Default-Classifier\***: A text field containing 'AEMP'.
- Workflow on delivery:**: A dropdown menu with 'Select One' selected.
- Target rules\***: A text field containing 'SPROPERTY(@replace(SPROPERTYSPROPERTYSTGT\_LANG))'.
- Ignore nodes with following filters for export:**: A text field.

Required fields are marked with a red asterisk.

## 4. Provide the following information:

- **Repository Path**—Location path where the DAM assets folders are, such as,
  - **AEM 6.3**—/etc/tags
  - **AEM 6.4, 6.5**—/content/cq:tags
- **Target Rules**—Rules the adaptor uses to allocate translations, in the form `$PROPERTY(@replace($PROPERTY,$PROPERTY.$TGT_LANG))`

5. Click the **Resources** tab, then configure the **Custom resource type mapping** with the translatable fields.

General **Resources** Blocked Resources Tags References Languages Auto Submission Notifications DAM Assets Link Rewriting TM Update

Workflow Review Commerce

☒ Copy to target (Update) ☒ Copy all of the non-translatable fields during import

Always copy properties (propertyName@resourceType)

☐ Delete excess array members on import ☐ Rewrite links in copied properties

☐ Delete resources on target, if they don't exist on source

Resource types file path

Important: if you enter "resource types file path" custom resource type mapping will be ignored

Custom resource type mapping (propertyName@resourceType)

jcr:title@\*  
text@\*  
title@\*  
heading@\*

☐ Always copy property value into the target page ☐ Always copy to target for pages without translatable fields during import

6. Click the **Languages** tab, then configure each language mapping with source and target languages.

The screenshot shows the 'Languages' configuration tab in the AEM Connect Plus interface. The top navigation bar includes 'General', 'Resources', 'Blocked Resources', 'Tags', 'References', 'Languages' (selected), 'Auto Submission', 'Notifications', 'DAM Assets', 'Link Rewriting', and 'TM Update'. Below this, there are sub-tabs for 'Workflow Review' and 'Commerce'. The main configuration area is divided into several sections:

- Language mapping file:** A text input field with a file upload icon. Below it, a red warning message states: "Important: if you enter 'language mapping file path' custom tag types mapping will be ignored".
- Custom language mapping:** A text area containing the following mappings:  
English@en@en-US  
German@de@de-DE  
French@fr@fr-FR  
An information icon is visible in the top right corner of this section.
- Enable Workflow Target Languages:** A checkbox that is currently unchecked.
- Workflow target languages file path:** A text input field with a file upload icon. Below it, a red warning message states: "Important: if you enter 'workflow target languages file path' custom tag types mapping will be ignored".
- Custom workflow target languages:** A large empty text area with an information icon in the top right corner.

7. Click the **Tags** tab.



8. Select the following options:

- **Copy tags to target (update)**
- **Submit tags to translation**
- (Optional) **Custom Tag language mapping** for localizing the tag property to a different locale for Adobe standards compliance

9. Click **Actions > Save**.

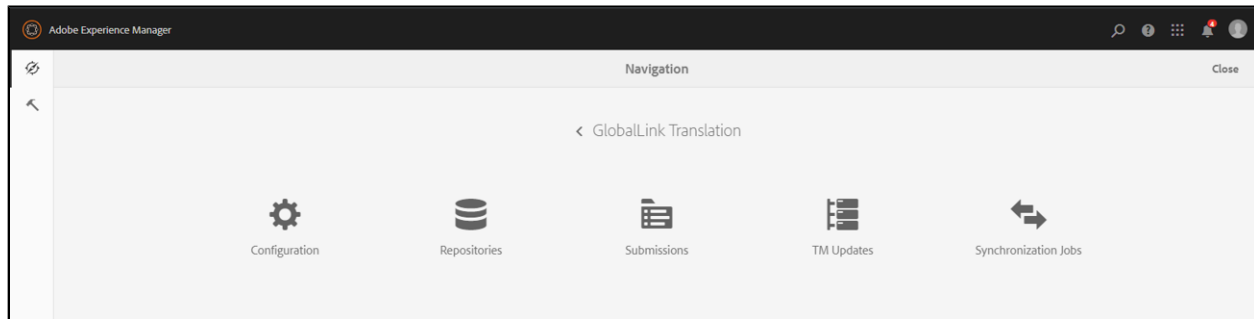
The tag repository is configured.

## Configure References Settings

You can configure the handling of referenced components.

To configure the references settings:

1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.

2. Click **Repositories**.3. In the **Repositories List**, select a repository, then click **Edit**.4. On the **Edit Repository Configuration** dialog, click the **References** tab.

General Resources Blocked Resources Tags **References** Languages Auto Submission Notifications DAM Assets Link Rewriting TM Update

Workflow Review Commerce

☒ Send referenced pages to translation

Reference types mapping file path

Important: If you enter "reference types file path" custom reference types will be ignored

Custom reference types mapping

resourcePath@globalink/components/content/resourceComponent  
 relatedResource1@globalink-leadgen/components/pages/globalink-leadgen-resource-data  
 relatedResource2@globalink-leadgen/components/pages/globalink-leadgen-resource-data  
 relatedResource3@globalink-leadgen/components/pages/globalink-leadgen-resource-data

Children levels deep:

10

Consier references with the following filters

sling.resourceType=globalink/components/pages/page-globalink-fragment  
 sling.resourceType=globalink/components/pages/globalink-resource-data  
 sling.resourceType=globalink/components/pages/page-modal-promo-unit  
 sling.resourceType=globalink-leadgen/components/pages/globalink-leadgen-resource-data

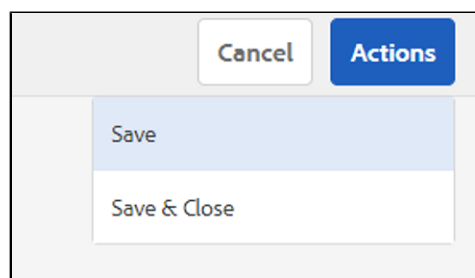
**Setting****Action****Send referenced pages to translation**

Select to enable translation of referenced components when the referencing page is sent for translation. This causes the referenced component to be sent for translation and delivered to its target location.

If using **Send referenced pages to translation** and **Link Rewriting**, enter the following in the **Resources** configuration **Custom resource type mapping** entry field: *path@foundation/components/reference*.

Setting	Action
<b>Reference types mapping file path</b>	Enter the file path with standard reference types.  Note: If a reference types mapping file path is entered then the <b>Custom</b> reference types mapping will be ignored.
<b>Custom reference types mapping</b>	Enter your non-standard reference types.
<b>Children levels deep</b>	Enter the number of levels for recursively searching the page for references. This defaults to one.
<b>Consider references with the following filters</b>	Enter the fields for filtering the page references.

5. Click **Actions** > **Save**.



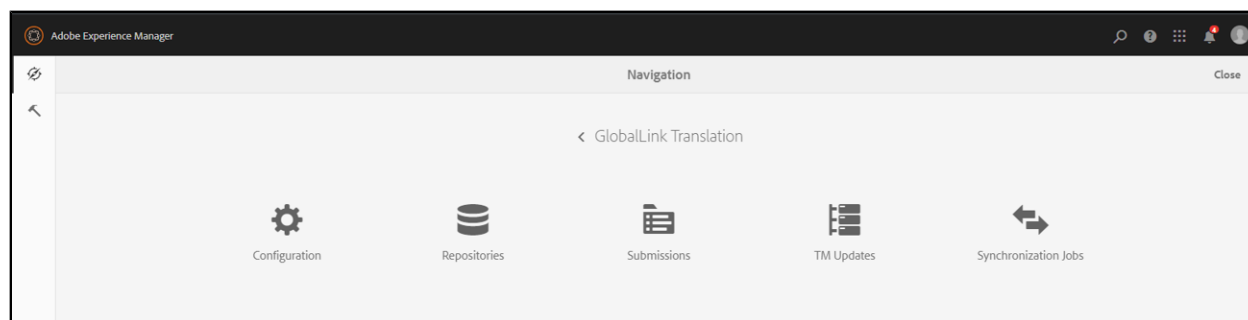
The references settings are configured.

## Configure Languages Settings

You can configure language mapping for each repository.

To configure repository languages:

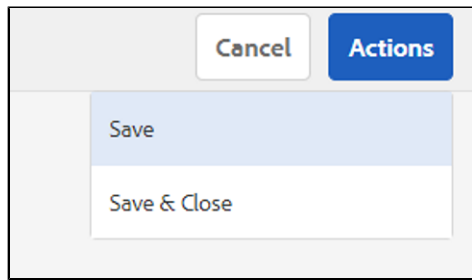
1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
2. Click **Repositories**.



3. Select a repository, then click **Edit**.
4. On the **Edit Repository Configuration** dialog, click the **Languages** tab.

Setting	Action
<b>Language mapping file</b>	<p>Enter the path to the language mapping file.</p> <p>Note: If a language mapping file is entered then the <b>Custom language mapping</b> is ignored.</p>
<b>Custom language mapping</b>	<p>(Optional) Enter specific language codes in the format <i>&lt;Display Name&gt;@&lt;AEM code&gt;@&lt;PD code&gt;</i>.</p> <p>Examples:</p> <ul style="list-style-type: none"> <li>English@en@en-US</li> <li>German@de@de-DE</li> <li>French@fr@fr-FR</li> </ul> <p>Note: Both the AEM and Project Director (PD) codes are case-sensitive.</p>
<b>Enable Workflow Target Languages</b>	Select to enable the auto-translation workflow.
<b>Workflow Target Languages</b>	Enter languages for the auto-translation workflow, such as <i>French@fr-FR</i> .

5. Click **Actions** > **Save**.



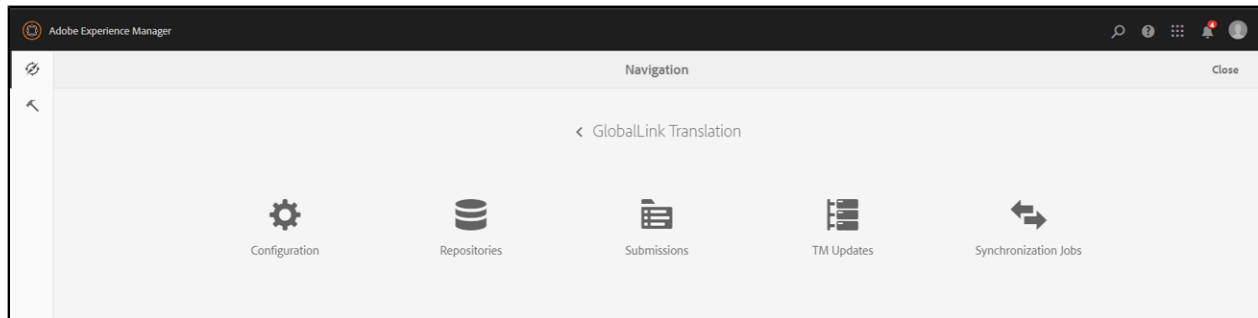
The languages settings are configured.

## Configure Auto Submission Settings

You can specify the handling of automated submissions.

To configure auto submission settings:

1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
2. Click **Repositories**.



3. In the **Repositories List**, select a repository, then click **Edit**.

4. On the **Edit Repository Configuration** dialog, click the **Auto Submission** tab.

General Resources Blocked Resources Tags References Languages **Auto Submission** Notifications DAM Assets Link Rewriting TM Update

Workflow Review Commerce

**Auto submission root configuration**

Root Path:<sup>\*</sup>

/content/we-retail/language-masters/en/experience

Add

Default submission type:

Recursive Split

**Set Time:**

☐ Scheduler period ☒ Specific time

Scheduler Period:

Days:

☐ Mon ☐ Tue ☐ Wed ☒ Thu ☒ Fri ☐ Sat ☐ Sun HH: 12 MM: 00

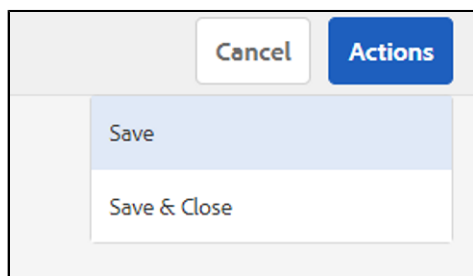
**Auto submission target languages**

Required field is marked with a red asterisk.

Setting	Action
<b>Root path</b>	Enter the AEM node path for auto submission after creation or modification.
<b>Type</b>	Select a submission type: <ul style="list-style-type: none"> <li>• <b>Single</b>—Sends only the modified root path page</li> <li>• <b>Recursive</b>—Sends the modified root path page and all child pages</li> </ul>
<b>Set Time</b>	Specify your submission scheduling: <ul style="list-style-type: none"> <li>• <b>Specific Time</b>—Select to use a specific time.</li> <li>• <b>Scheduler Period</b>—Select to use auto-submission.</li> </ul>
<b>Scheduler Period</b>	Select the frequency in minutes to have AEM poll PD to automatically submit content. Leave this blank if you are not using auto-submission.  Note: This is only effective if <b>Set Time</b> is <b>Scheduler Period</b> .
<b>Days</b>	Select your auto-submission days and hours when you have selected <b>Specific Time</b> .
<b>Auto submission target languages</b>	Enter the languages for target submissions. All languages should be listed in language mapping for the selected repository.

Setting	Action
<b>Consider nodes with the following filters</b>	List date filters or a property and value that, when included in a node, include the content of these nodes and their children in the translation.
<b>Ignore nodes with the following filters</b>	List a property and value that, when detected in a target node, prevent any action on the target node and its children, not just a single property.


- Click **Actions > Save**.



The auto submission settings are configured.

## Configure Notifications Settings

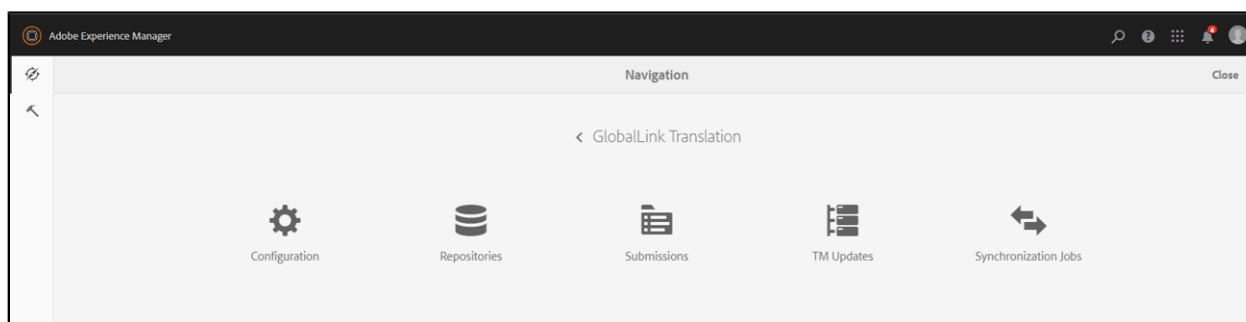
You can configure site repository notifications to provide submission status.

-  If your site requires different configurations, you can create additional repositories defined by unique root paths. Any content that does not belong to a user defined repository retains default repository settings.

Your configuration only applies to the selected repository.

To configure notifications settings:

- On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
- Click **Repositories**.



- Select a repository, then click **Edit**.
- On the **Edit Repository Configuration** dialog, click the **Notifications** tab.

Setting	Action
<b>Send e-mails about successful send/receive for current repository</b>	Select to enable notifications for successful send or receive submissions.
<b>Send e-mails about errors in current repository</b>	Select to enable submission error notifications.
<b>Send e-mails to AEM user which created submission</b>	Select to enable notifications to the AEM user creating submissions.
<b>Recipients of adaptor messages</b>	Enter e-mail addresses to receive notifications.

5. Click **Actions** > **Save**.

The notifications settings are configured.

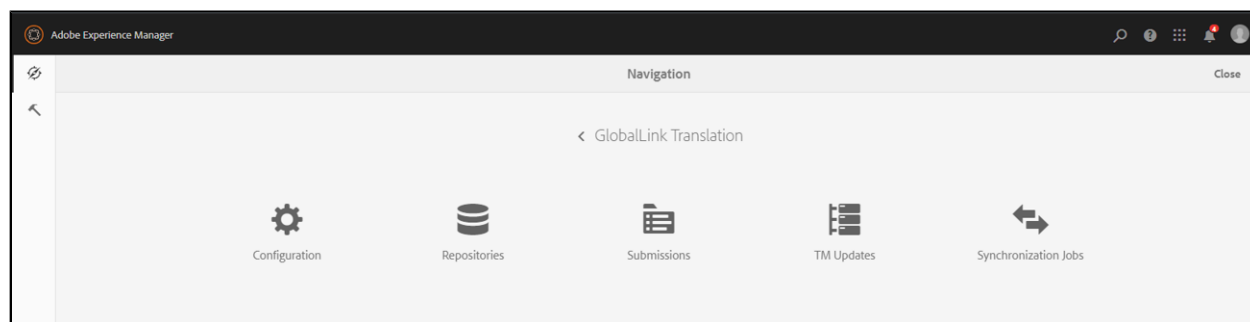
## Configure DAM Assets Settings

You can specify the handling of repository Digital Assets Management (DAM).

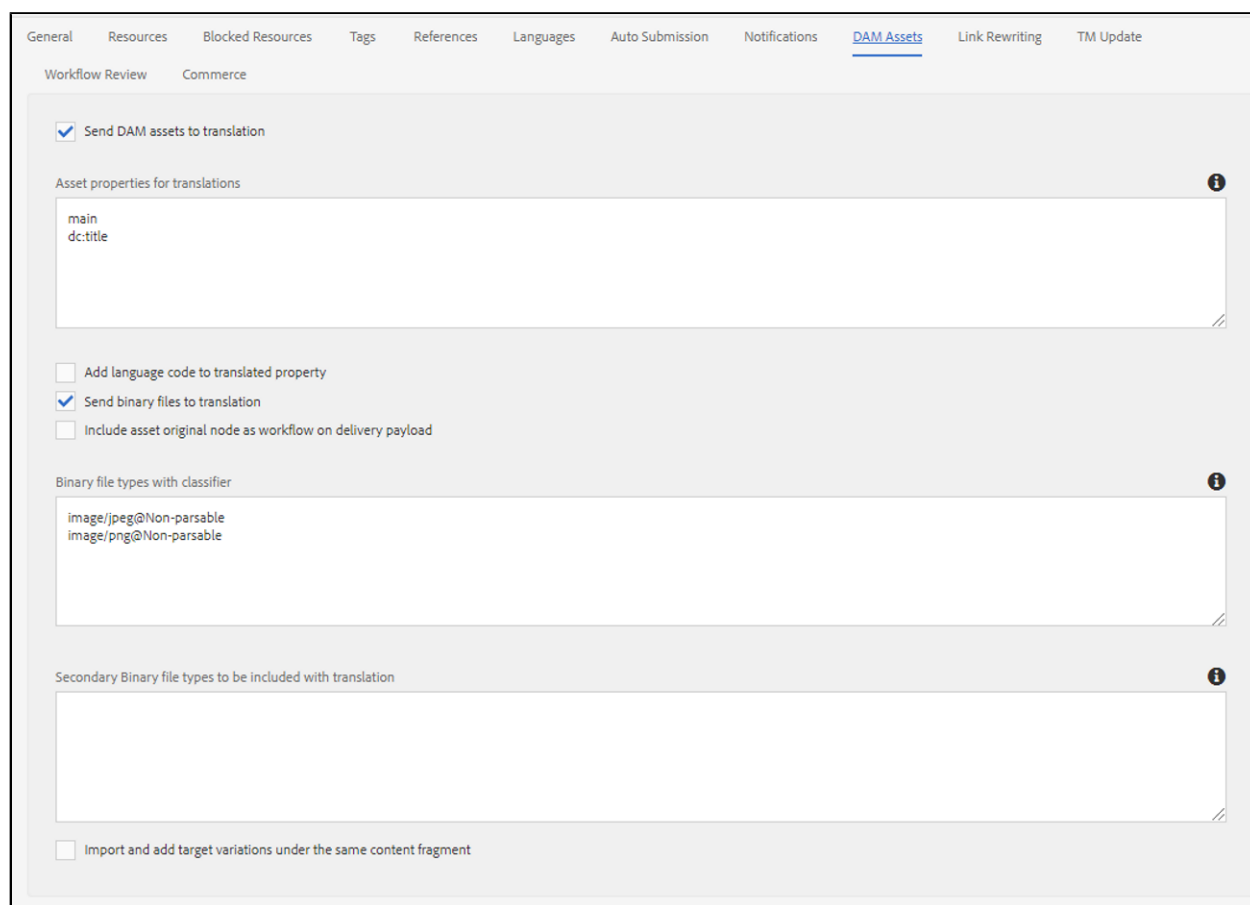
To configure repository DAM assets:

1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
2. Click **Repository**.





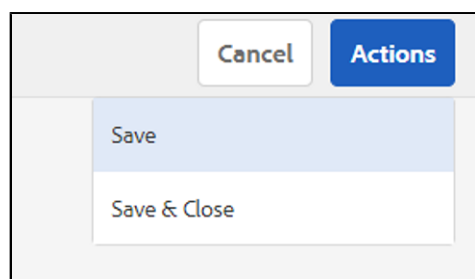
3. In the **Repositories List**, select a repository, then click **Edit**.
4. On the **Edit Repository Configuration** dialog, click the **DAM Assets** tab.



Setting	Action
<b>Send DAM assets to translation</b>	Select to send DAM metadata for translation. The translatable value should be a property under the node. For example, the <b>description</b> node has property <b>en</b> , which will be translated into property <b>zh</b> .
<b>Asset properties for translation</b>	Enter asset properties for translation. For example, <b>description</b> or <b>dc:description</b> if the languages property of <b>description</b> is not already created.
<b>Send binary files to translation</b>	Select to send the DAM file binaries for translation. This can be for files either inserted into a page or you can use the <b>Resource Types</b> page to select them separately.

Setting	Action
<b>Binary file types with classifier</b>	Enter the list of file types to be translated, in the format of <code>jcr:mimeType@PDclassifier</code> . To determine <code>jcr:mimeType</code> , refer to the <code>jcr:content</code> node of your original file. <code>PDclassifier</code> is the file type name configured in Project Director (PD).
<b>Secondary Binary file types to be included with Translation</b>	Enter the list of additional file types, such as, thumbnails of a PDF file. Contact your GlobalLink representative for the entry format of the <code>jcr:mimeType@PDclassifier</code> in the file type name.
<b>Import and add target variations under the same content fragment</b>	(Optional) Select to import the translated content on a variation of the content fragment according to the target locale.

5. Click **Actions > Save**.



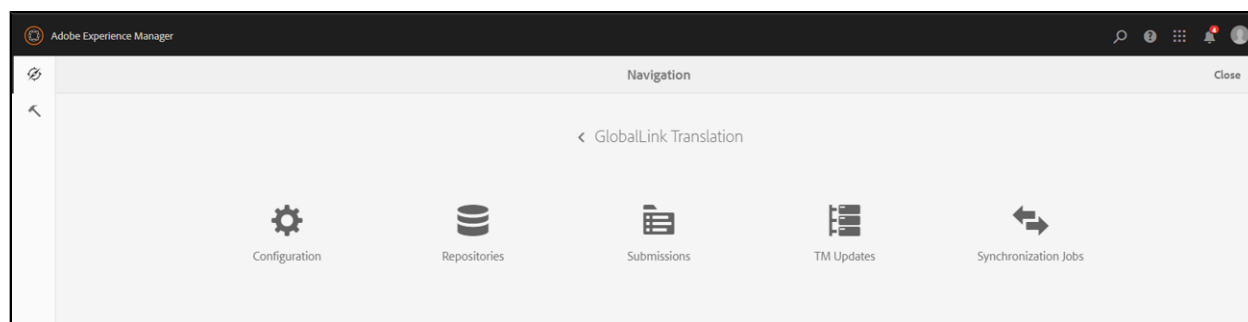
The DAM assets settings are configured.

## Configure DAM Repositories

If you want to be able to submit assets for translation, you must configure the DAM repositories.

To configure DAM repositories:

1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
2. Click **Repositories**.



3. In the **Repositories List**, select a content site repository, then click **Create**.
4. On the **New Repository** dialog, click the **General** tab.

**New Repository**

Cancel Actions

General Resources Blocked Resources Tags References Languages Auto Submission Notifications DAM Assets Link Rewriting TM Update

Workflow Review Commerce

Repository Path\*  
/content/cq/tags/we-retail

Default submission name pattern\*  
.

Default submission status:  
READY

Project name\*  
AEMP

Default-Classifier\*  
AEMP

Workflow on delivery:  
Select One

Target rules\*  
\$PROPERTY(@replace(\$PROPERTY\$PROPERTY\$TGT\_LANG))

Ignore nodes with following filters for export:

Required fields are marked with a red asterisk.

5. In the field **Repository Path**, enter the location path where the DAM assets folders are, such as:

/content/dam/we-retail

6. In the field **Target Rules**, enter the rules the adaptor uses to allocate translations:

- If you have a language folder structure—

\$PATH(@replace(\$SRC\_LANG,\$SRC\_LANG))

- If you intend the DAM translation to be in the same folder—

\$FILE\_NAME(@replace(\$EXTENSION,-\$TGT\_LANG\$EXTENSION))

7. Click **Actions** > **Save**.

Cancel Actions

Save

Save & Close

Your DAM assets settings are saved.

8. Click the **Languages** tab, then configure the various language mappings as source and target languages.

General Resources Blocked Resources Tags References Languages Auto Submission Notifications DAM Assets Link Rewriting TM Update

Workflow Review Commerce

Language mapping file

Important: if you enter "language mapping file path" custom tag types mapping will be ignored

Custom language mapping

English@en@en-US  
German@de@de-DE  
French@fr@fr-FR

☐ Enable Workflow Target Languages

Workflow target languages file path

Important: if you enter "workflow target languages file path" custom tag types mapping will be ignored

Custom workflow target languages

9. Click the **Dam Assets** tab, then modify the following fields:

- Select **Send Dam assets for translation** and in **Asset properties for translation**, list the different metadata properties required for translation, such as, *dc:title*, *dc:description*
- Select **Send binary files to translation** and in **Binary file types with classifier**, list the different metadata properties required for translation, such as:
  - *image/jpeg@Non-parsable* (image assets)
  - *image/png@Non-parsable* (image assets)
  - *application/pdf@Non-parsable* (pdf assets)
  - *text/html@ClassifierName* (content fragments)

10. Click **Actions** > **Save**.

The DAM repository is configured.

## Configure DAM Workflow Wait Time

When importing translated content for DAM assets AEM triggers generic workflows. These generic workflows can take excessive time to execute, depending on the asset size. You can configure a wait time for DAM asset import.

To configure DAM workflow wait time:

1. In **CRXDE**, browse to `/apps/globalink-adaptor/config/`.
2. Create a node named *customConfig*.
3. Add the property named **damWaitTime** and set it to *90000*.

This is the time in milliseconds that the adaptor is to wait for the DAM workflows to begin importing the each asset's content.

4. Save the changes in **CRXDE**.

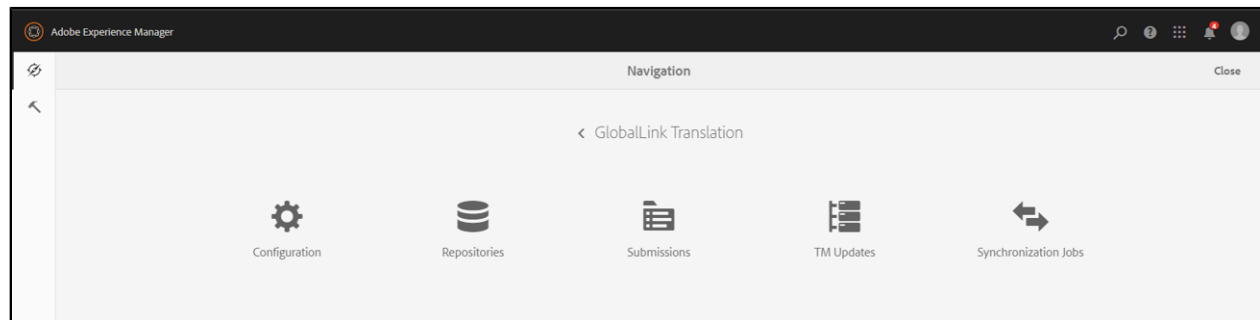
The DAM workflow wait time is configured.

## Configure Link Rewriting Settings

You can configure the repository to enable and specify the handling of link rewriting.

To configure repository link rewriting settings:

1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
2. Click **Repositories**.



3. In the **Repositories List**, select a repository, then click **Edit**.

4. On the **Edit Repository Configuration** dialog, click the **Link Rewriting** tab.

General Resources Blocked Resources Tags References Languages Auto Submission Notifications DAM Assets **Link Rewriting** TM Update

Workflow Review Commerce

☒ Enable Link Rewriting

Blocked Resources (propertyName@resourceType)

☒ Enable Custom Link Rewriting

Custom Link Mappings

propertyName@"link".\*"@"@\*  
text@href@"@"@\*

Block Nodes from link rewriting based on different filters (propertyName=Value)

cq:isCancelledForChildren=true

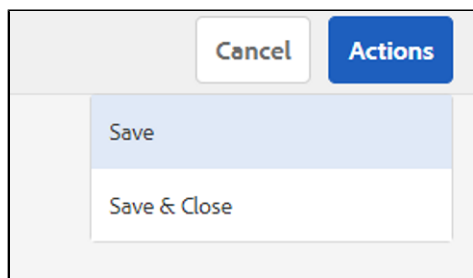
☒ Include blocking children nodes of parent that has the filter

☐ Allow Synchronization jobs to use regular and custom link rewriting

Setting	Action
<b>Enable Link Rewriting</b>	Select to enable the rewrite of any links within property values with the source language code according to the target rules to include the target path instead. This only recognizes /content/. . . strings.
<b>Blocked Resources</b>	Enter any resource properties that are not to be rewritten.
<b>Enable Custom Link Rewriting</b>	Select to enable custom link writing. This recognizes link references in Rich text properties and multi-line properties.

Setting	Action
<b>Custom Link Mappings</b>	<p>Enter the specific properties for rewrite using the following syntax and pattern:</p> <ul style="list-style-type: none"> <li>propertyName@startOfLink@endOfLink@sling:resourceType <ul style="list-style-type: none"> <li><b>property name</b>—The first part of the pattern</li> <li><b>beginning of a link</b>—The second part of the pattern</li> <li><b>end of a link</b>—The third part of the pattern</li> <li><b>sling:resourceType</b>—The fourth and last part of the pattern</li> </ul> </li> </ul> <p>For example:</p> <ul style="list-style-type: none"> <li><b>Source</b>—link:../en/page.html "  <b>Custom Link Config</b>—property@"link":"@@"*</li> <li><b>Source</b>—&lt;a href="=" ../en/page.html" &lt;/a&gt;  <b>Custom Link Config</b>—text@href="@@"*</li> </ul>
<b>Blocked Nodes from link rewriting (based on filters): (propertyName=value)</b>	Enter filters to block link rewriting on specific nodes. The adaptor looks for the target node property name in one of the nodes and, if matched, it prevents the link rewriting.
<b>Include blocking children node of parent that has the filter:</b>	Select to allow extending the blocking of link rewriting on the children nodes from the blocked parent nodes as defined in <b>Blocked Nodes from link rewriting...</b> above.
<b>Allow Synchronization Jobs to Use Regular and Custom Link Rewriting:</b>	Select this checkbox to have synchronization jobs use the link rewriting configuration.

5. Click **Actions** > **Save**.



The link rewriting settings are configured.

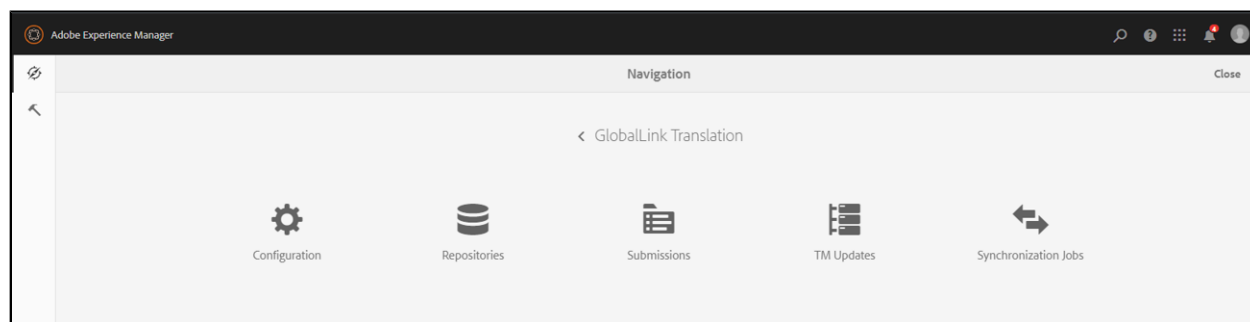
## Configure TM Update Settings

You can configure TM update settings to automate updates to Project Director (PD) for a repository.

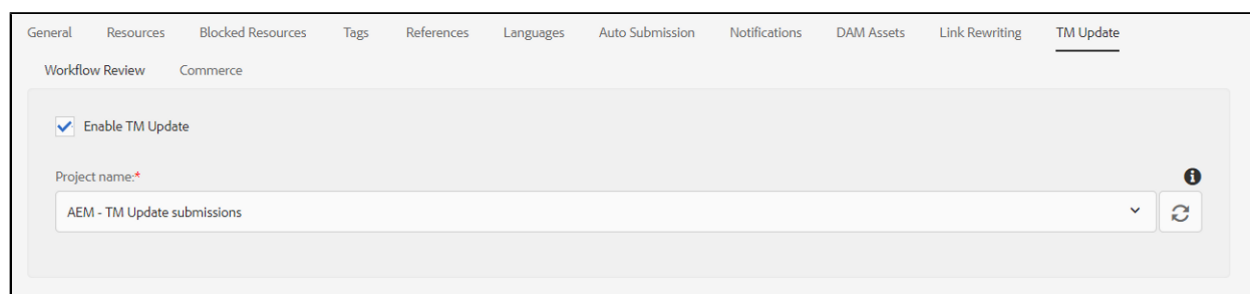
To configure TM update settings:

1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
2. Click **Repositories**.





3. In the **Repositories List**, select a repository, then click **Edit**.
4. On the **Edit Repository Configuration** dialog, click the **TM Update** tab.



Required field is marked with a red asterisk.

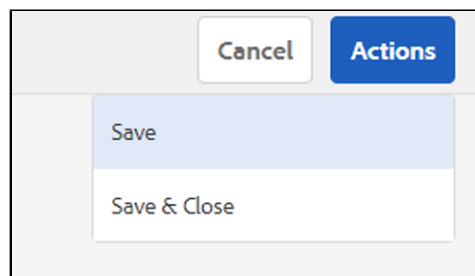
#### Enable TM update

Select to enable automatic TM updates to Project Director (PD).

#### Project name

Enter the default PD project name.

5. Click **Actions** > **Save**.



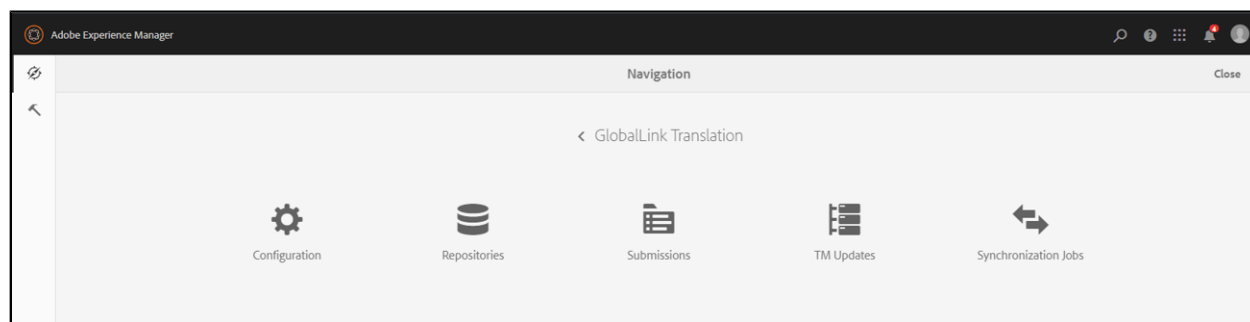
The TM update settings are configured.

## Configure Workflow Review Settings

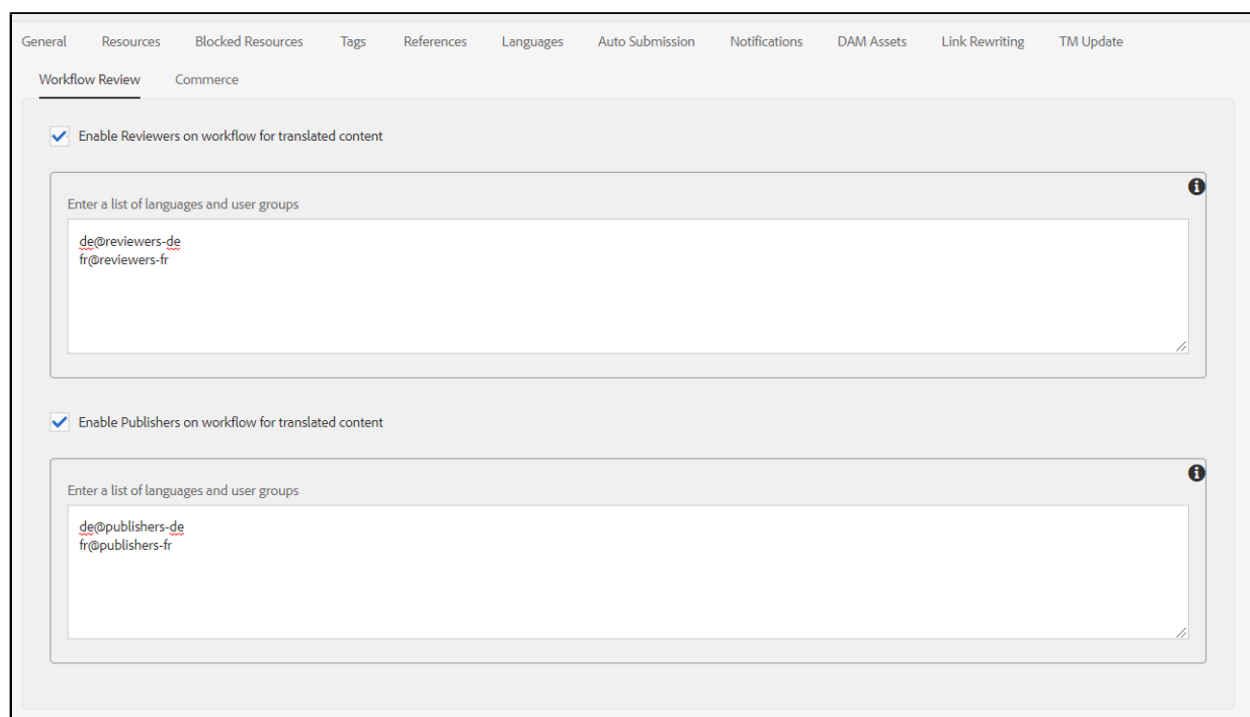
You can configure the repository to map AEM reviewer and publisher user groups to each target language and all be included in the delivery of workflows.

To configure workflow review settings:

1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
2. Click **Repositories**.



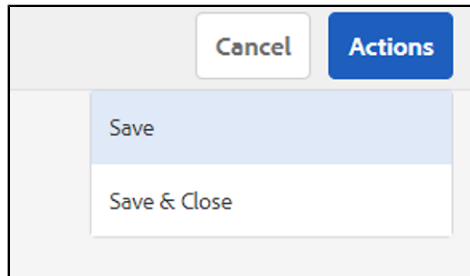
3. In the **Repositories List**, select a content site repository, then click **Edit**.
4. On the **Add Repository Configuration** dialog, click the **Workflow Review** tab.



Setting	Action
<b>Enable Reviewers on workflow for translated content</b>	Select to enable support for reviewers.
<b>List of languages and user groups</b>	Enter the language locale and list the AEM translation reviewing user groups. For example: <i>de@reviewers-de</i> <i>fr@reviewers-fr</i> Where <i>de</i> is the language locale and <i>reviewers-fr</i> is a valid AEM user group.
<b>Enable Publishers on workflow for translated content</b>	Select to enable support for publishers.

Setting	Action
<b>List of languages and user groups</b>	<p>Enter the language locale and list the AEM translation publishing user groups. For example:</p> <p><i>de@publishers-de</i></p> <p><i>fr@publishers-fr</i></p> <p>Where <i>de</i> is the language locale and <i>publishers-fr</i> is a valid AEM user group.</p>

5. Click **Actions** > **Save**.



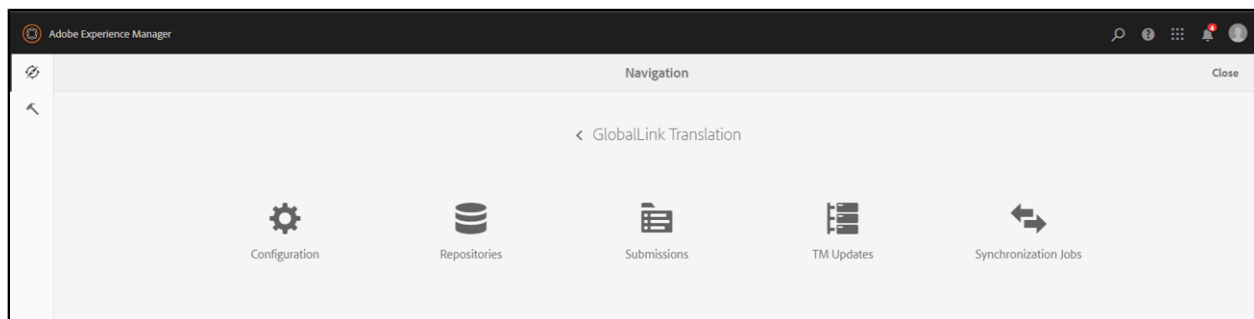
The workflow review settings are configured.

## Configure Commerce Settings

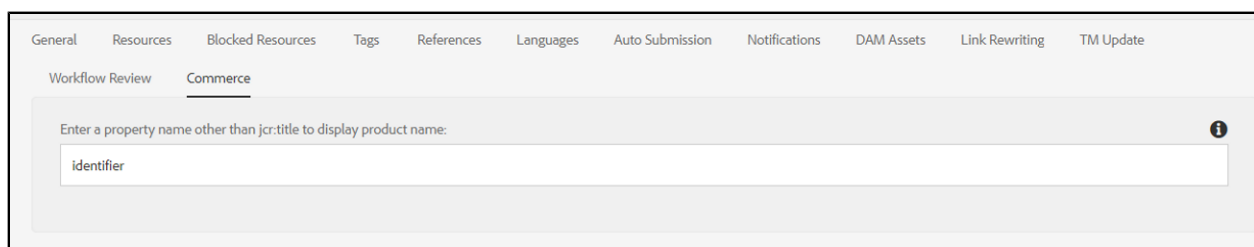
You can configure the repository to map AEM reviewer and publisher user groups to each target language to include them in the delivery of workflows.

To configure workflow review settings:

1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
2. Click **Repositories**.

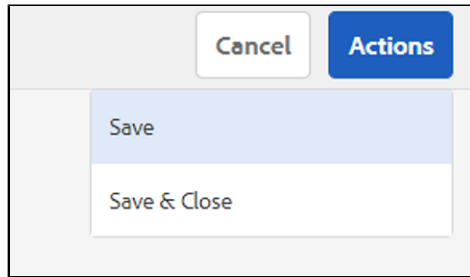


3. In the **Repositories List**, select a content site repository, then click **Edit**.
4. On the **Add Repository Configuration** dialog, click the **Commerce** tab.



Enter a custom character string to show as the item name when creating a submission for commerce products.

5. Click **Actions** > **Save**.



The commerce settings are configured.

## 8. Extend Target Rules

You can extend the feature of target rules to apply to different scenarios.

If your source content is in an English Master folder such as,

```
/content/we-retail/language-masters/en/experience/arctic-surfing-in-lofoten
```

And the content needs to be translated into specific region folders, such as—

```
/content/we-retail/america/de/experience/arctic-surfing-in-lofoten  
/content/we-retail/america/fr/experience/arctic-surfing-in-lofoten
```

To allocate the translations into the `/content/america/` folder use the following target rule:

```
$PATH(@replace(language-masters/$SRC_LANG,america/$TGT_LANG))
```

If your source content is in an English Master folder such as,

```
/content/we-retail/language-masters/en/experience/arctic-surfing-in-lofoten
```

And the content needs to be translated into specific country folders per language, such as—

```
/content/we-retail/america/de/de/experience/arctic-surfing-in-lofoten  
  (Germany Folder)  
/content/we-retail/america/ca/fr/experience/arctic-surfing-in-lofoten  
  (Canada Folder)
```

To allocate the translations for each AEM target locale, use the following target rules:

```
de:$PATH(@replace(language-masters/$SRC_LANG,de/$TGT_LANG))  
fr:$PATH(@replace(language-masters/$SRC_LANG,fr/$TGT_LANG))
```

# 9. Workflows Configuration

You can configure custom workflows as well as AEM 6.3, 6.4, and 6.5 workflows to submit content for translation.

## Create Custom Workflows

GlobalLink Project Director (PD) AEM Connect Plus includes a sample AEM workflow that triggers translations. You can use this as a template in creating custom workflows.

To create a custom workflow:

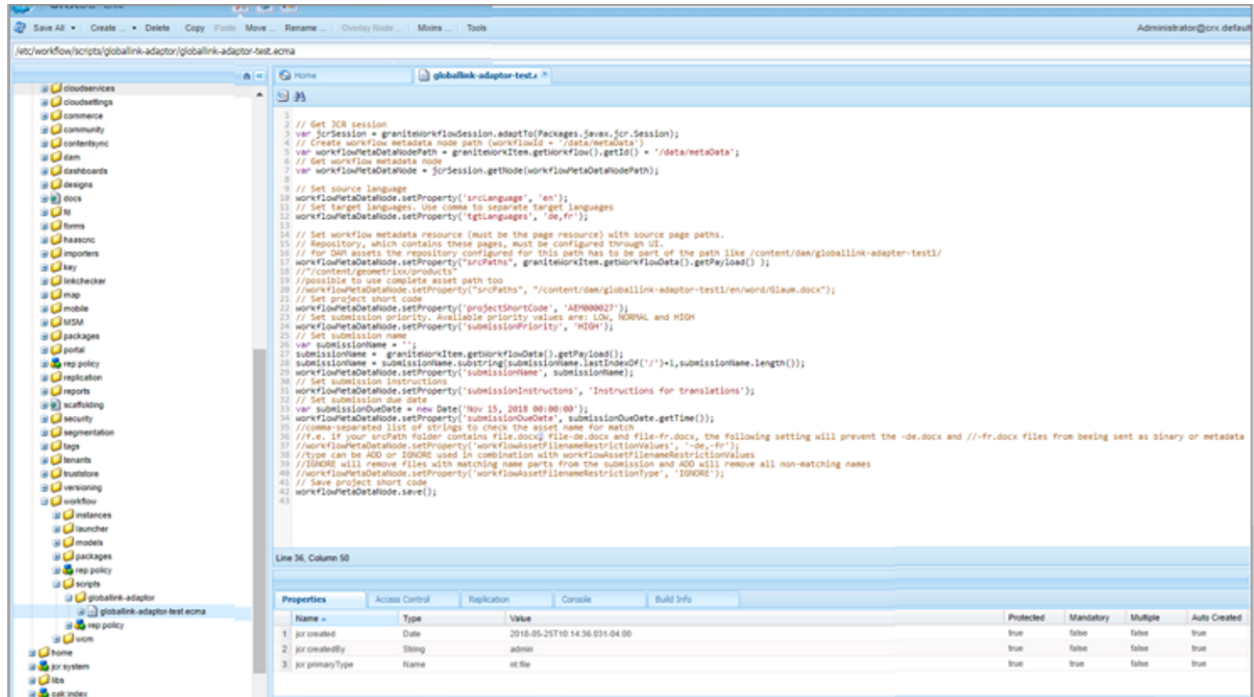
1. Go to **CRXDE**.
2. For AEM 6.3, open the file:

```
http://localhost:4502/crx/de/index.jsp#/etc/workflow/scripts/  
globallink-adaptor/globallink-adaptor-test.ecma
```

3. For AEM 6.4 and 6.5, open the file:

```
http://localhost:4502/crx/de/index.jsp#/apps/workflow/scripts/  
globallink-adaptor/globallink-adaptor-test.ecma
```

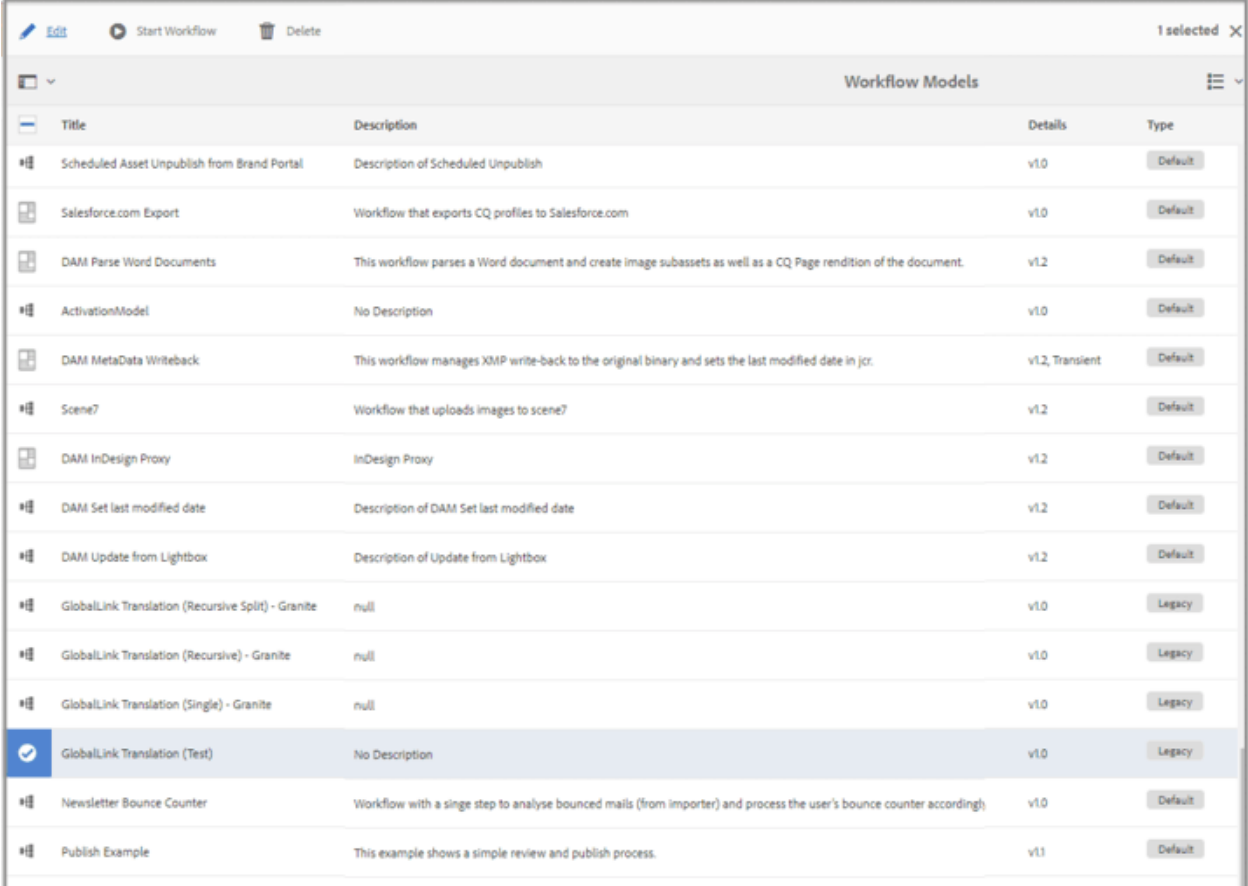
4. Modify the English and target locales in accordance with your repository configuration.
5. Modify the PD project code.



6. Save your changes.
7. Go to:

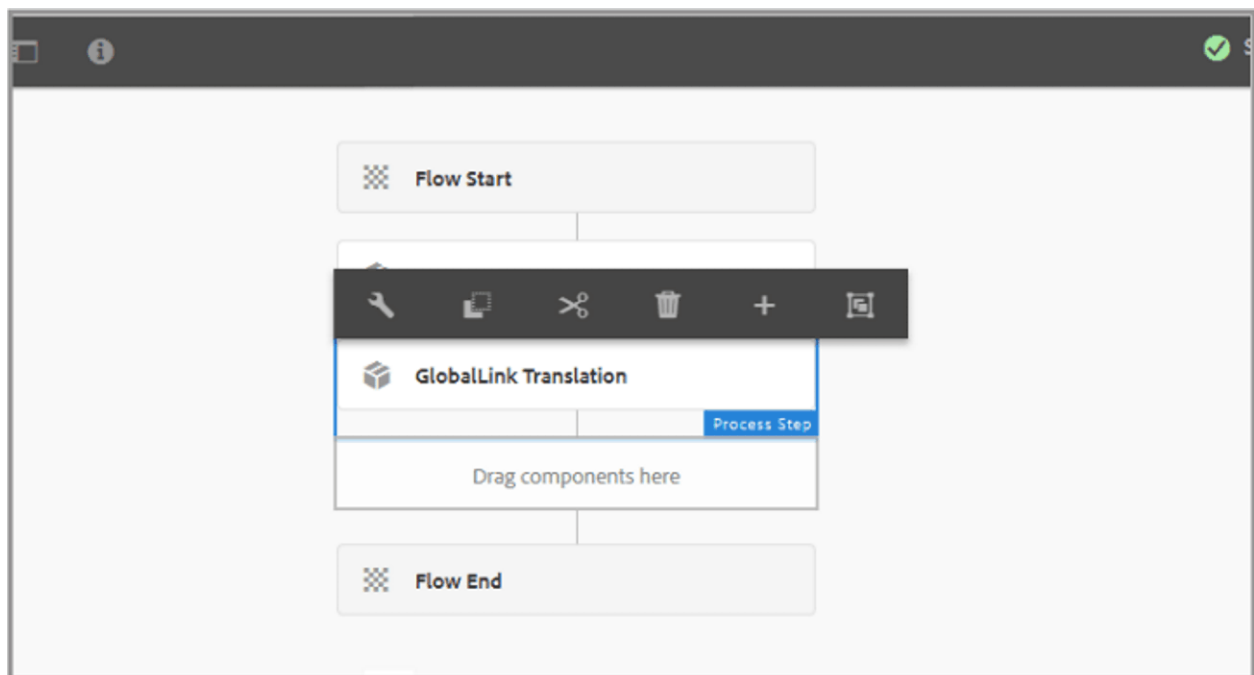
```
http://localhost:4502/libs/cq/workflow/admin/console/content/models.html
```

8. Select the installed workflow, then click **Edit**.



	Title	Description	Details	Type
	Scheduled Asset Unpublish from Brand Portal	Description of Scheduled Unpublish	v1.0	Default
	Salesforce.com Export	Workflow that exports CQ profiles to Salesforce.com	v1.0	Default
	DAM Parse Word Documents	This workflow parses a Word document and create image subassets as well as a CQ Page rendition of the document.	v1.2	Default
	ActivationModel	No Description	v1.0	Default
	DAM MetaData Writeback	This workflow manages XMP write-back to the original binary and sets the last modified date in jcr.	v1.2, Transient	Default
	Scene7	Workflow that uploads images to scene7	v1.2	Default
	DAM InDesign Proxy	InDesign Proxy	v1.2	Default
	DAM Set last modified date	Description of DAM Set last modified date	v1.2	Default
	DAM Update from Lightbox	Description of Update from Lightbox	v1.2	Default
	GlobalLink Translation (Recursive Split) - Granite	null	v1.0	Legacy
	GlobalLink Translation (Recursive) - Granite	null	v1.0	Legacy
	GlobalLink Translation (Single) - Granite	null	v1.0	Legacy
✓	GlobalLink Translation (Test)	No Description	v1.0	Legacy
	Newsletter Bounce Counter	Workflow with a single step to analyse bounced mails (from importer) and process the user's bounce counter accordingly	v1.0	Default
	Publish Example	This example shows a simple review and publish process.	v1.1	Default

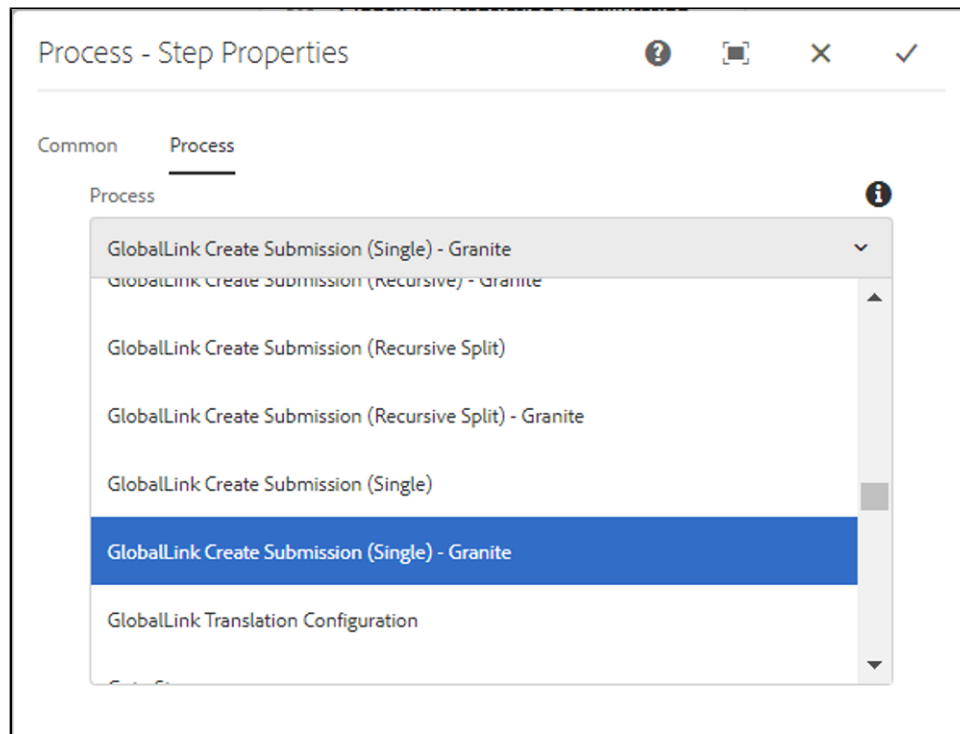
9. On the Workflow modeler, select the **GlobalLink Translation** step and click .



10. Click **Process Step**, then select a step property:

a) **GlobalLink Translation (Single) - Granite**—Select to submit the content of one page for translation.

- b) **GlobalLink Translation (Recursive) - Granite**—Select to submit the content of a page and sub-pages for translation in one single file.
- c) **GlobalLink Translation (Recursive Split) - Granite**—Select to submit the content of a page and sub-pages for translation in separate files.



11. Click **Done**.

The custom workflow is created.

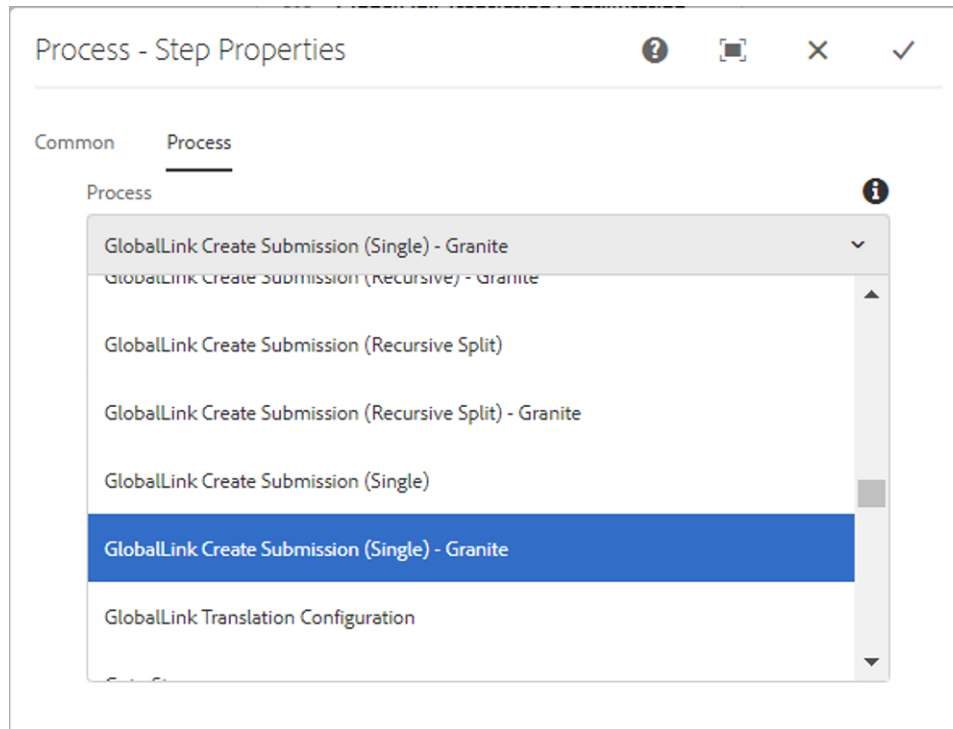


## Test Custom Workflow

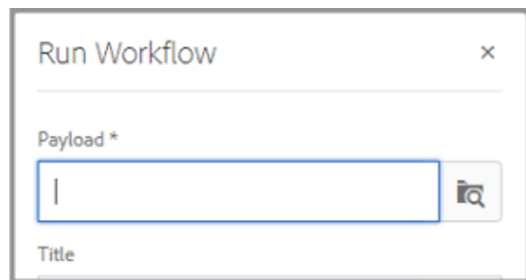
You should test your new custom workflow.

To test your workflow:

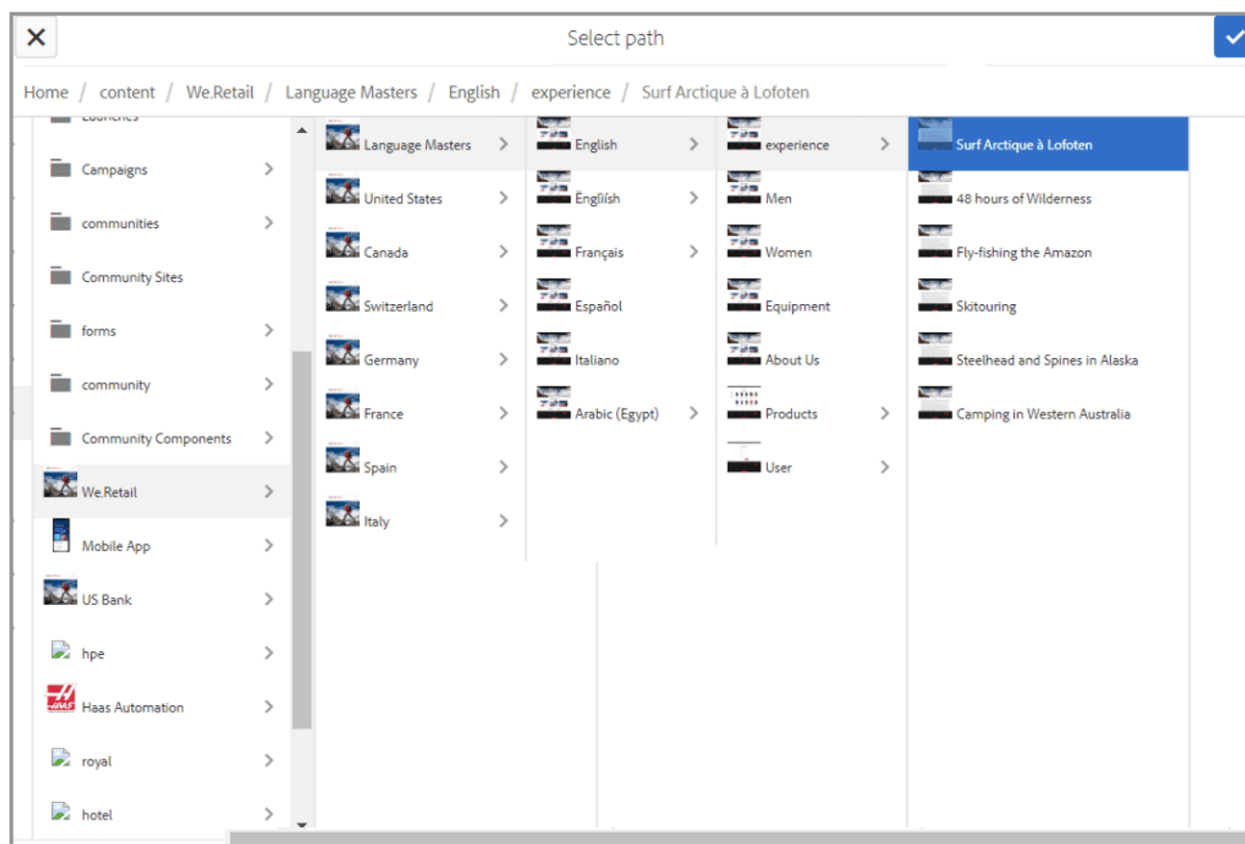
1. Select the workflow, then click **Start Workflow**.



2. On the **Run Workflow** dialog, search for and select **Payload**.



3. On the **Select Path** dialog, select the actual path of your custom workflow.



4. Click **OK**.
5. Click **Run Workflow**.

The submission is created and listed on the dashboard under the name of the root path.

Create					Create from File					Edit					Re-download					Reset to Sent					Re-import Folders					PD Statistics					Remove					Archive					Filter				
Name										Root Page Path															Content Type										Status														
arctic-surfing-in-lofoten										/content/we-retail/language-masters/en/experience/arctic-surfing...															PAGE										SENT														

Imported					Type					Source Language					Target Languages					Project Short Code				
					SINGLE					en@en-US					de@de-DE,fr@fr-FR					AEM000027				

PD Submission ID					Initiator					Date Created ▾					Due Date					Received Date				
011155					admin					Nov. 05, 2018 1...					Nov. 15, 2018 0...					N/A				

# 10. Create i18n Dictionary Repositories

You can create and maintain your own, private internationalization (i18n) dictionary.

To create an i18n dictionary:

1. Create a repository with the dictionary root as its path.
2. Configure **sling:message@\*\*** as the translatable resource.

The i18n dictionary repository is created.

## Configure i18n Dictionaries as JSON Files

When your private dictionary has a JSON file structure, you must configure it for translation.

To configure your JSON dictionary:

1. Create a repository with the dictionary root as its path.
2. Configure the target rule:

```
$FILE_NAME(@replace(($SRC_LANG$EXTENSION, -$TGT_LANG$EXTENSION))
```

3. Save the repository.

The i18n dictionaries are configured as JSON Files.

# 11. Configure Error Notifications

To provide error related email notifications, the AEM email settings must be configured as described:

1. Go to:

```
http://localhost:4502/system/console/configMgr/  
com.day.aem.mailer.DefaultMailService
```

2. Enter the parameters listed in the following table.

Parameters	Description
<b>SMTP Server Host Name</b>	Enter your provider's host name. For example, Gmail SMTP is <i>smtp.gmail.com</i>
<b>SMTP Server Port</b>	Enter a user e-mail address.
<b>SMTP Password</b>	Enter the user account password.
<b>FROM Address</b>	Enter the e-mail address for use in the <b>From:</b> field.
<b>Gmail Config</b>	Select <b>SMTP use SSL</b> .
<b>Emitter Config</b>	Select <b>Send Emails</b> and enter the e-mail addresses.



Every email addressee receives one email per error. Email notifications may not work on non-Windows installations.

# 12. Configure Adaptor Logs

To configure your adaptor logs, you must modify the paths in the following two properties files:

1. Edit the path stored in the following properties file:

```
/apps/globalink-adaptor/config/  
    org.apache.sling.commons.log.LogManager.factory.config-PD2/  
    org.apache.sling.commons.log.file
```

2. Edit the path stored in the following properties file:

```
/apps/globalink-adaptor/config/  
    org.apache.sling.commons.log.LogManager.factory.writer-PD2/  
    org.apache.sling.commons.log.file
```

The adaptor logs are configured.

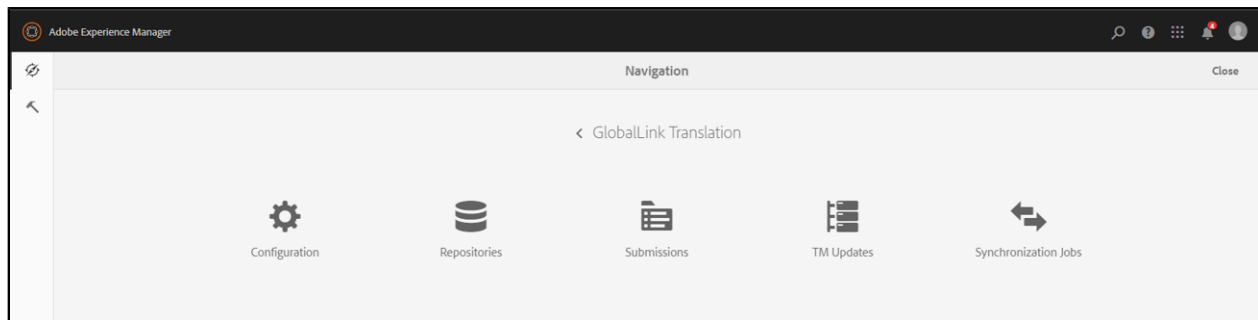
# 13. Content Fragments Configuration

To permit the adaptor to include the CMS content fragments, you must configure the **Content Fragments** as described here using the **Edit Repository Configuration** dialog.

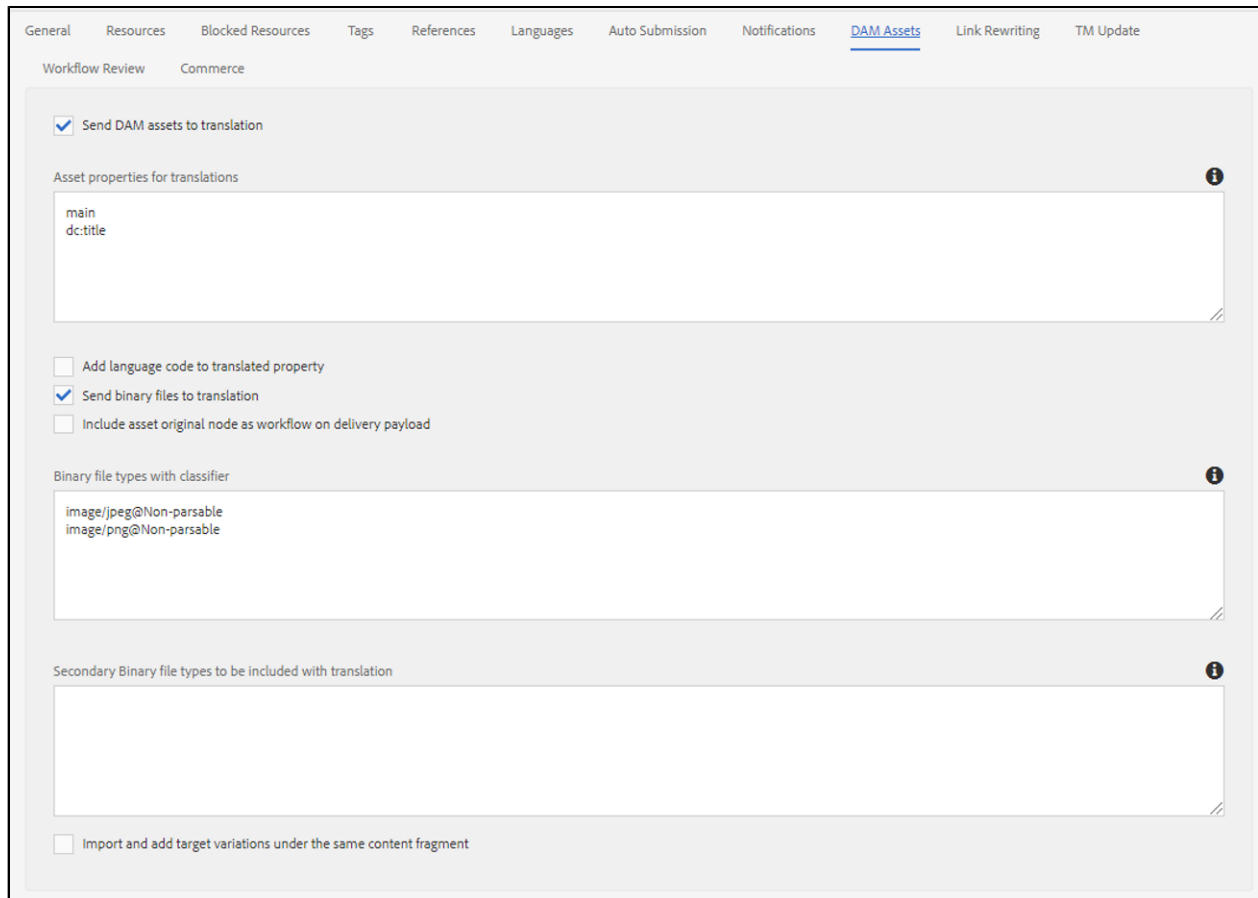
## Include CMS AEM 6.3.0 Fragments

To include CMS AEM 6.3.0 fragments:

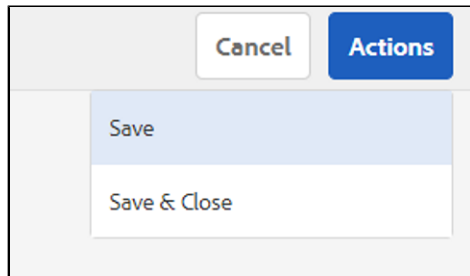
1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
2. Click **Repository**.



3. In the **Repositories List**, select a content site repository, then click **Edit**.
4. On the **Edit Repository Configuration** dialog, click the **DAM Assets** tab.



5. Select the **Send binary files to translation**.
6. On the **Binary file types with classifier** enter *text/html@PDclassifier*.  
Where, *PDclassifier* is the file type name as configured in Project Director (PD).
7. Click **Actions > Save**.

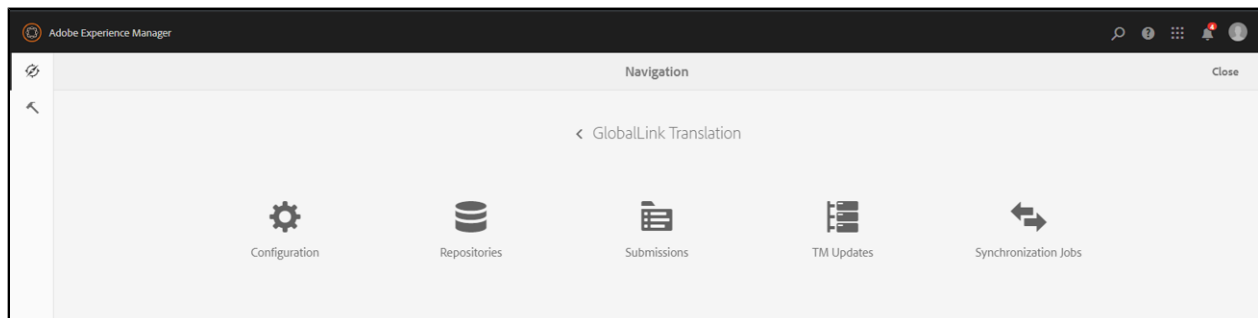


The content fragments from AEM 6.3.0 are set for inclusion in submissions.

## Include CMS AEM 6.4.0 and 6.5.0 Fragments

To include CMS AEM 6.4.0 and 6.5.0 fragments:

1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
2. Click **Repository**.



3. In the **Repositories List**, select a content site repository, then click **Edit**.

4. On the **Edit Repository Configuration** dialog, click the **DAM Assets** tab.

General Resources Blocked Resources Tags References Languages Auto Submission Notifications DAM Assets Link Rewriting TM Update

Workflow Review Commerce

☒ Send DAM assets to translation

Asset properties for translations

main  
dc:title

☐ Add language code to translated property

☒ Send binary files to translation

☐ Include asset original node as workflow on delivery payload

Binary file types with classifier

image/jpeg@Non-parsable  
image/png@Non-parsable

Secondary Binary file types to be included with translation

☐ Import and add target variations under the same content fragment

5. Select the **Send DAM assets to translation**.
6. On the **Asset properties for translation**, enter the content fragment properties needed for translation.

These properties are found in:

```
/content/dam/we-retail/en/experiences/arctic-surfing-in-lofoten/
arctic-surfing-in-lofoten/jcr:content/data/master
```

7. Click **Actions > Save**.

Cancel Actions

Save

Save & Close

The CMS AEM 6.4.0 and 6.5.0 fragments are set to be included in submissions.



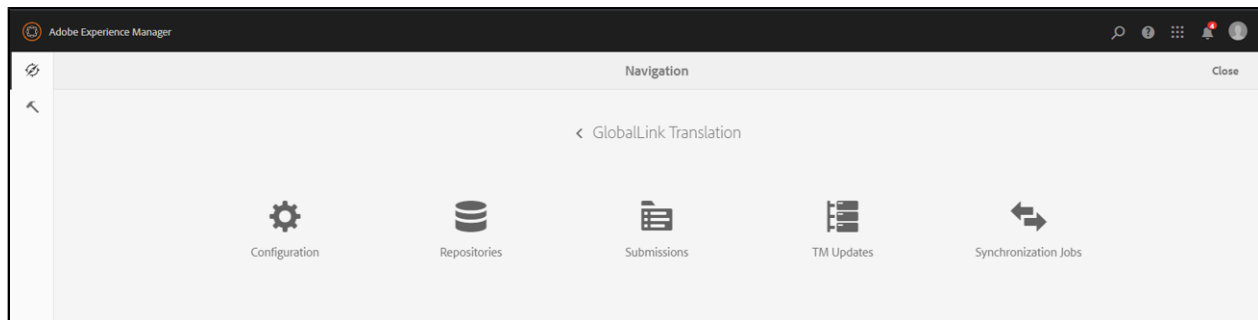
# 14. Experience Fragments Configuration

To permit the adaptor to include the CMS experience fragments, you must use the **Edit Repository Configuration** dialog.

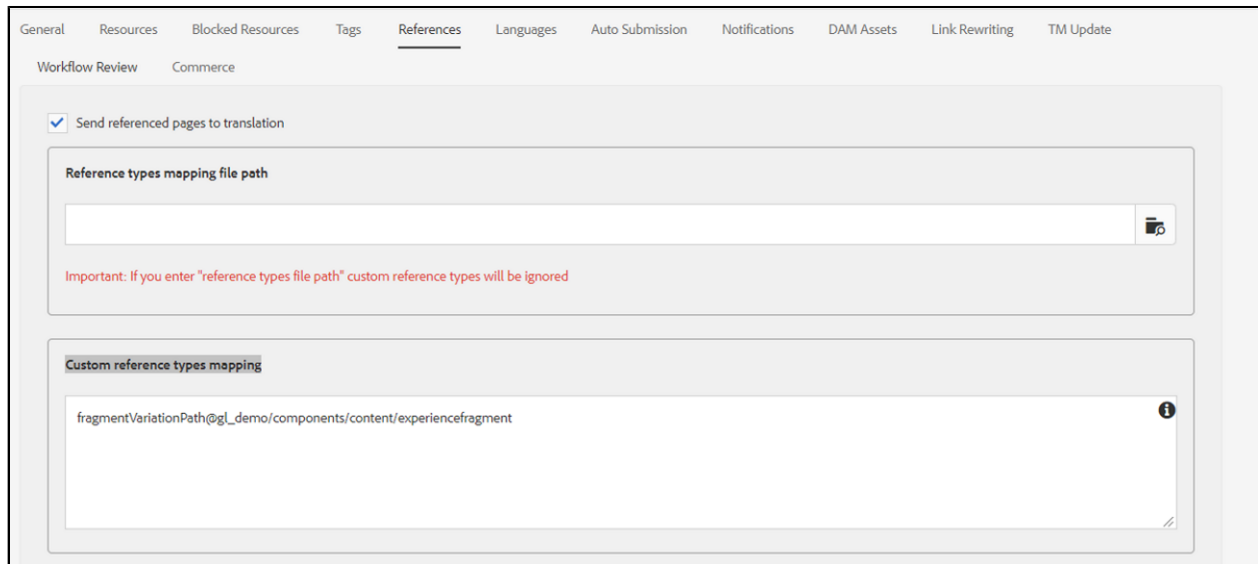
## Include Experience Fragments from Page

To include experience fragments within a page:

1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
2. Click **Repository**.



3. In the **Repositories List**, select a content site repository, then click **Edit**.
4. On the **Edit Repository Configuration** dialog, click the **References** tab.

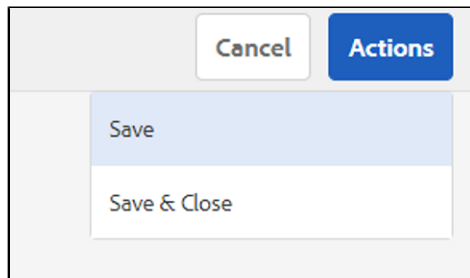


5. Select the **Send referenced pages to translation**.
6. On the **Custom references types mapping** enter your experience fragment property path and resource type.

For example:

fragmentVariationPath@gl\_demo/components/content/experiencefragment

7. Click **Actions > Save**.



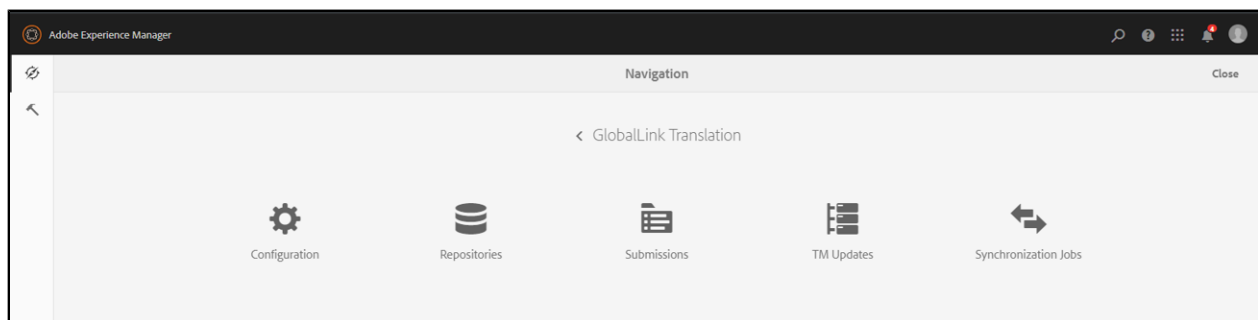
The page experience fragments are set for inclusion in submissions.

## Configure Experience Fragments Repositories

If you want to submit experience fragments for translation, you must create a repository similar to a Site repository.

To configure experience fragment repositories:

1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
2. Click **Repositories**.



3. In the **Repositories List**, select a content site repository, then click **Create**.

4. On the **New Repository** dialog, click the **General** tab.

**Edit Repository**

General Resources Blocked Resources Tags References Languages Auto Submission Notifications DAM Assets Link Rewriting TM Update

Workflow Review Commerce

Repository Path:\*  
/content/experience-fragments

Default submission name pattern:\*  
.

Default submission status:  
READY

Project name:\*  
AEM 65 Connect Plus Project

Default-Classifier:\*  
GLAEMP65

Workflow on delivery:  
Select One

Target rules:\*  
\$PATH(@replace(\$SRC\_LANG,\$SRC\_LANG))

Ignore nodes with following filters for export:

Required fields are marked with a red asterisk.

5. In the field **Repository Path**, enter the location path of the Experience Fragments folders, such as:

/content/experience-fragment/we-retail

6. In the field **Target Rules**, enter the rules the adaptor uses to allocate translations.

For example, for a language folder structure, enter:

\$PATH(@replace(\$SRC\_LANG,\$SRC\_LANG))

7. Click the **Languages** tab, and configure the required language mappings as source and target languages.
8. Click **Actions** > **Save**.

Cancel Actions

Save

Save & Close

Your experience fragments repository is configured.

# 15. Campaigns Configuration

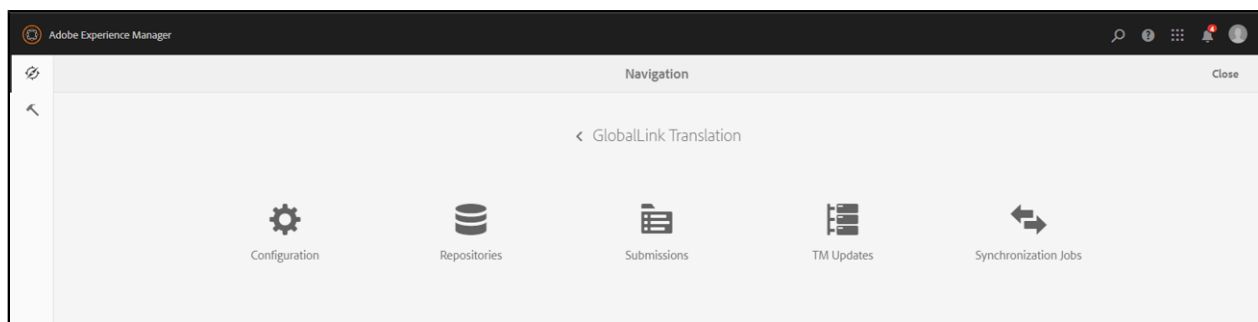
To permit the adaptor to include the CMS Campaign content, you must use the **Edit Repository Configuration** dialog.

## Configure Campaign Repositories

If you want to be able to submit Campaign content for translation, you must use the **Edit Repository Configuration** dialog.

To configure Campaign content repositories:

1. On the **AEM Navigation Pager** dashboard, click **GlobalLink Translation**.
2. Click **Repositories**.



3. In the **Repositories List**, select a content site repository, then click **Create**.
4. On the **New Repository** dialog, click the **General** tab.

Required fields are marked with a red asterisk.

5. In the field **Repository Path**, enter the location path of the Campaign content folders, such as:

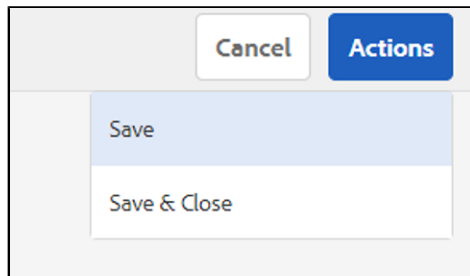
/content/campaigns/we-retail

6. In the field **Target Rules**, enter the rules the adaptor uses to allocate translations.

For example, for a language folder structure, enter:

\$PATH(@replace(\$SRC\_LANG,\$SRC\_LANG))

7. Click the **Languages** tab, and configure the required language mappings as source and target languages.
8. Click **Actions > Save**.



Your Campaign content repository is configured.

# 16. AEM Rollout Configuration

When configuring MSM on AEM, you can create an AEM custom rollout configuration to submit translation changes made from the source, Blueprint, to the target, the live copy.

## Create a Custom Rollout on AEM 6.3.0

You can create a custom rollout for AEM 6.3.0.

To create a custom rollout:

1. Go to:

```
http://localhost:4502/miscadmin#/etc/msm/rolloutconfigs
```

2. Select **Roll Configurations**, then create a **New Page** and name it *GlobalLink Rollout*.

3. Go to **crxde/msm** at:

```
http://localhost:4502/crx/de/index.jsp#/etc/msm/rolloutconfigs
```

4. Expand **Pushonmodify > jcr:content**.

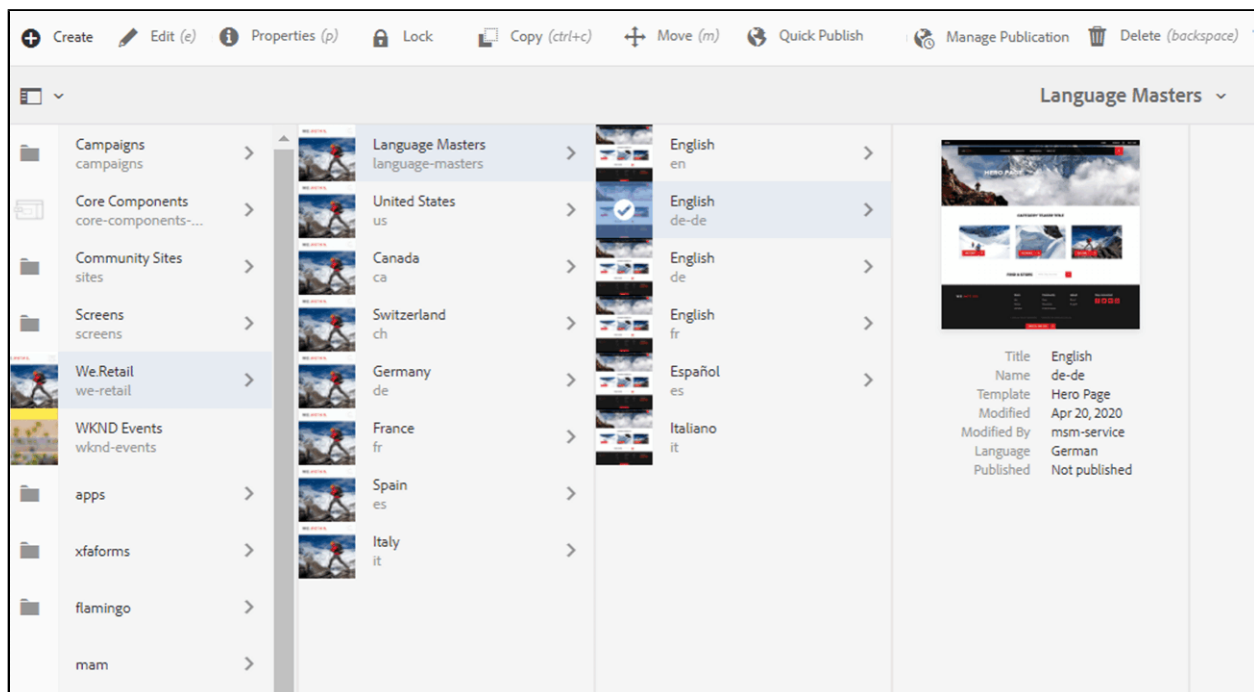
5. Copy all child pages from here to GlobalLink Rollout.

6. Select **jcr:content** and create a new node called *workflow*. You must set this to *cq:LiveSyncAction*.

7. Create one more property named **target** with the value:

```
/etc/workflow/models/globallink-adaptor/globallink-translation-  
single-granite/jcr:content/model
```

8. Click **Properties** on one of the **Live Copy** sites on AEM.



- Click the **Live Copy** tab and un-select **Inherit Rollout Configs from Parent**, then select **GlobalLink Rollout** configuration from the **Rollout Configs** list.

English

Personalization Permissions **Live Copy**

**Source**  
/content/we-retail/language-masters/en

**Status**

Suspended Live Copy	No
In Sync with Source	No
Last Rollout Date	7 days ago
Last Rolled Out by	msm-service

**Configuration**

☒ Live Copy Inheritance ⓘ

☐ Inherit Rollout Configs from Parent

Choose Rollout Config ▼

× GlobalLink

- Save all the changes.

The custom rollout is created.

## Create a Custom Rollout on AEM 6.4.0 and 6.5.0

You can create a custom rollout for AEM 6.4.0 and 6.5.0.

To create a custom rollout:

- Go to:

```
http://localhost:4502/crx/de/index.jsp#/libs/msm/wcm/rolloutconfigs
```

- Create a new node of type **cq:RolloutConfig**, naming it *GlobalLink Rollout*.
- Go to **GlobalLink Rollout** and create the properties:
  - cq:trigger** and set it to *rollout*
  - jcr:title** and set it to *GlobalLink Rollout*

Properties			
Access Control		Replication	
Console		Build Info	
Name ▲	Type	Value	
1 cq:trigger	String	modification	
2 jcr:primaryType	Name	cq:RolloutConfig	
3 jcr:title	String	GlobalLink Rollout	

- Save **CRXDE**.
- Expand **Pushonmodify** > **jcr:content** and copy all child pages to GlobalLink Rollout.
- Select **jcr:content**, then create a new node called *workflow* and set it to *cq:LiveSyncAction*.
- Create one more property named **target** and set it to:

```
/var/workflow/models/globalink-adaptor/globalink-translation-single-granite/
```

- Click **Properties** on one of the **Live Copy** sites on AEM.

Name	Language	Checkmark
Language Masters language-masters	English en	
United States us	English de-de	✓
Canada ca	English de	
Switzerland ch	English fr	
Germany de	Español es	
France fr	Italiano it	
Spain es		
Italy it		

Property	Value
Title	English
Name	de-de
Template	Hero Page
Modified	Apr 20, 2020
Modified By	msm-service
Language	German
Published	Not published

- Click the **Live Copy** tab, then un-select **Inherit Rollout Configs from Parent** and select the **GlobalLink Rollout** configuration from the **Choose Rollout Config** drop-down list.



English

Personalization

Permissions

Live Copy

Source

/content/we-retail/language-masters/en

Status

Suspended Live Copy

No

In Sync with Source

No

Last Rollout Date

7 days ago

Last Rolled Out by

msm-service

Configuration

☒ Live Copy Inheritance ⓘ

☐ Inherit Rollout Configs from Parent

Choose Rollout Config ▼

X GlobalLink

10. Save all the changes.

The custom rollout is created.