Amazon Logistics Technology Community (ALTC) Publishing Overview

The ALTC site uses content built in Flare and published to S3. This document outlines the tools needed and the processes for publishing content to the site.

Tools Needed

Flare

Git

Tortoise Git

AWS command line interface

Cloudberry

Git

Git is a source control solution that uses a branching system to allow authors to make changes in the same project at the same time, while providing a backup of the master project.

Installing and configuring Git

1. See Wiki for installation and configuration instructions.

There are some issues on Windows with Kerberos credentials being passed to GitFarm. You can find a workaround here.

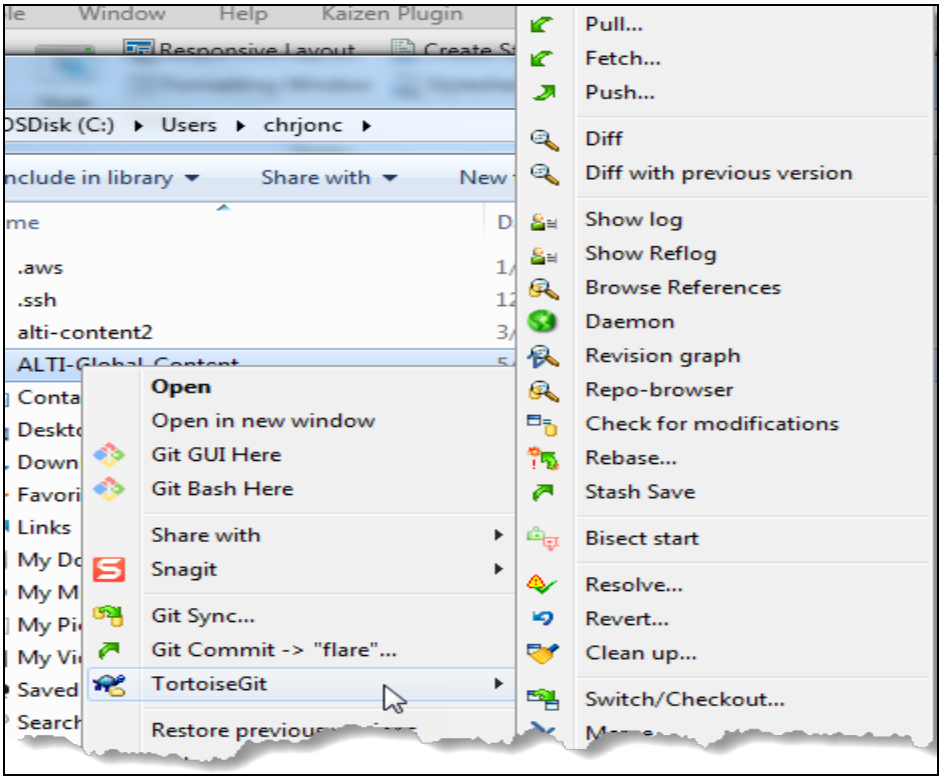
TortoiseGit

TortoiseGit is a graphic interface for Git, making it possible to run Git commands outside of the command line.

Installing TortoiseGit

1. Download ToroiseGit.
2. Run the install wizard, using the default settings.

Once installed, you can run Git commands by right-clicking on the project folder.



Amazon Web Services (AWS) command line interface (CLI)

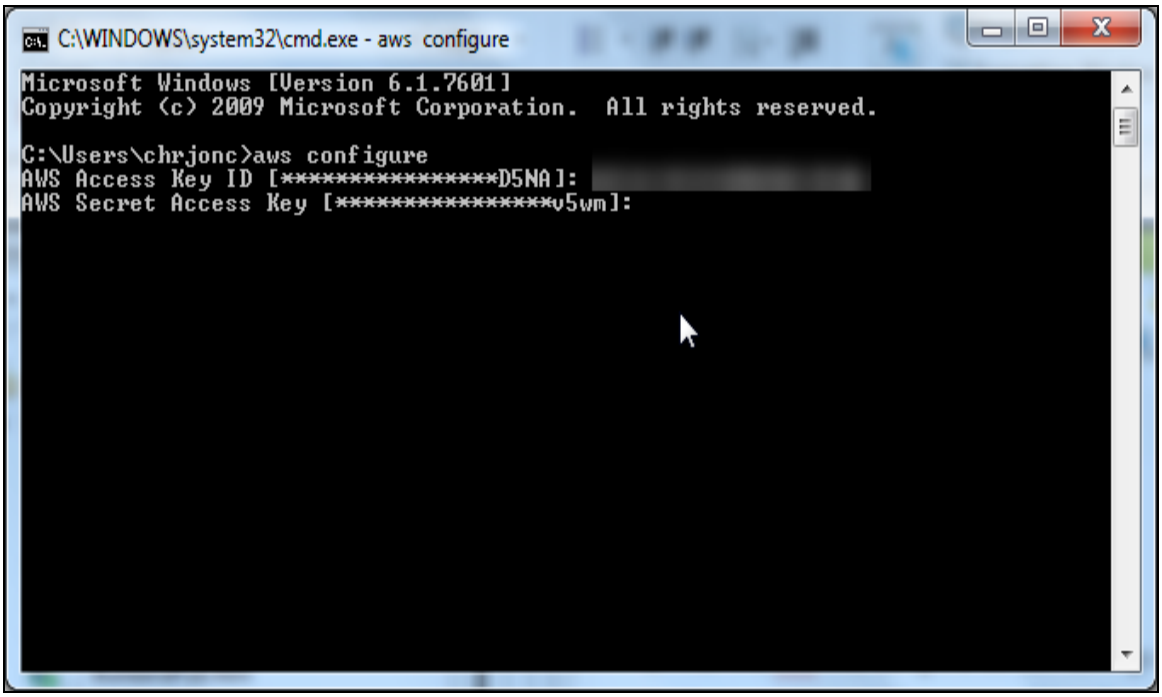
AWS offers a command line interface for interacting with your S3 buckets.

While it is not necessary to understand every aspect of the command line, there are a few commands that are integral to the publishing process.

Installing and configuring the AWS CLI

1. Download the command line here.
2. Run the MSI file, using the default settings on each option screen.
3. Open Windows CMD by typing **CMD** in the start menu.
4. Type **AWS configure** in the interface and press **Enter**.

5. Enter your access and secret keys.

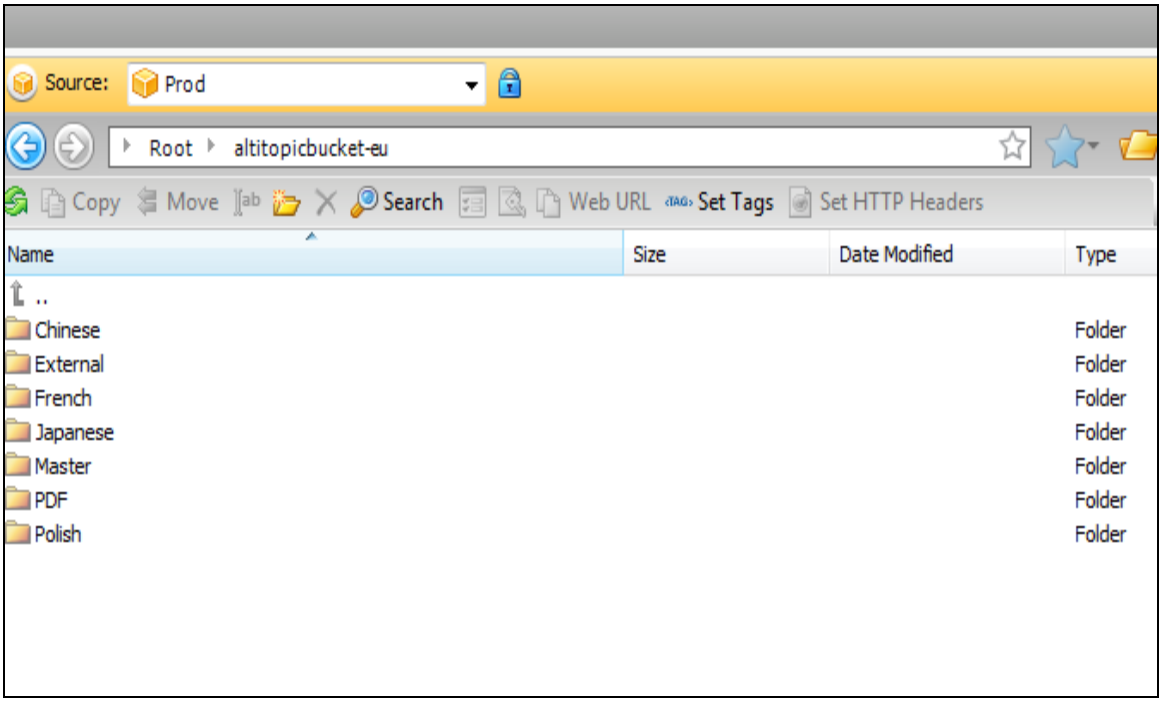


You will now be able to run AWS commands in Windows CMD and use the S3 sync bat file.

Cloudberry Explorer

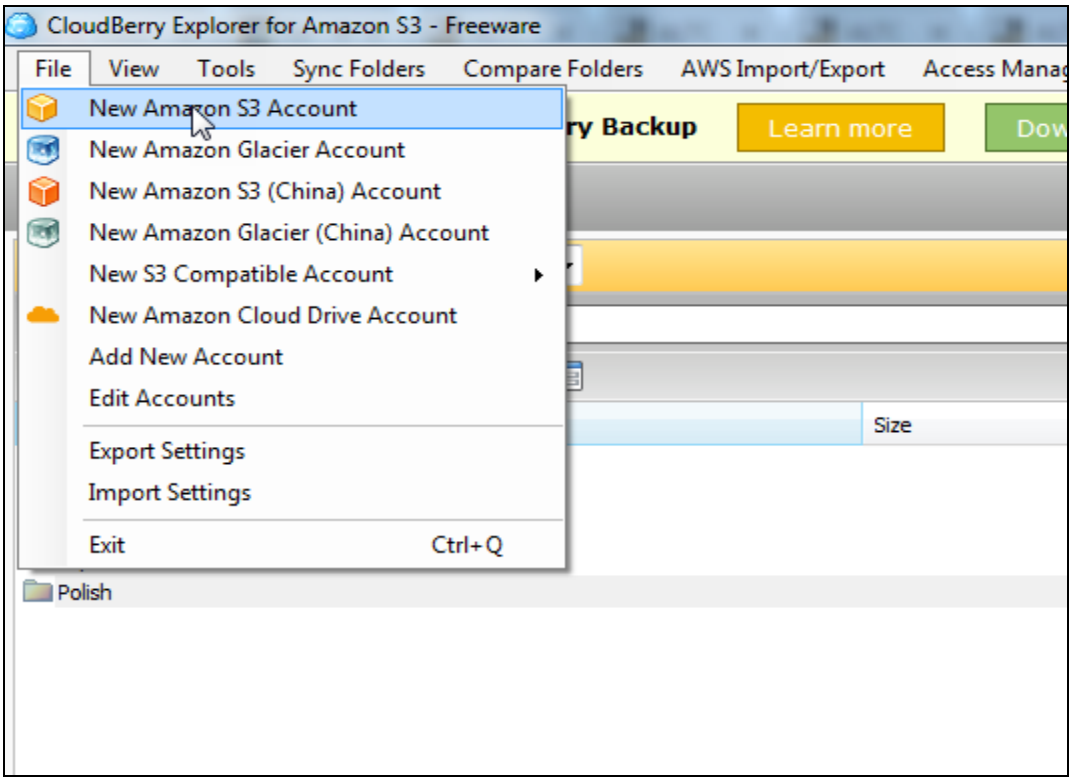
Cloudberry Explorer is a third-party graphic interface for interacting with S3. It provides visibility into what you have stored in S3 without having to use the AWS command line interface.

Warning: Cloudberry allows you to drag and drop files from you computer to an S3 bucket. Uploading files this way will break the data integrity of the files, causing the Recently Updated files functionality to not work on ALTC. Always upload files to S3 using the established CLI process.



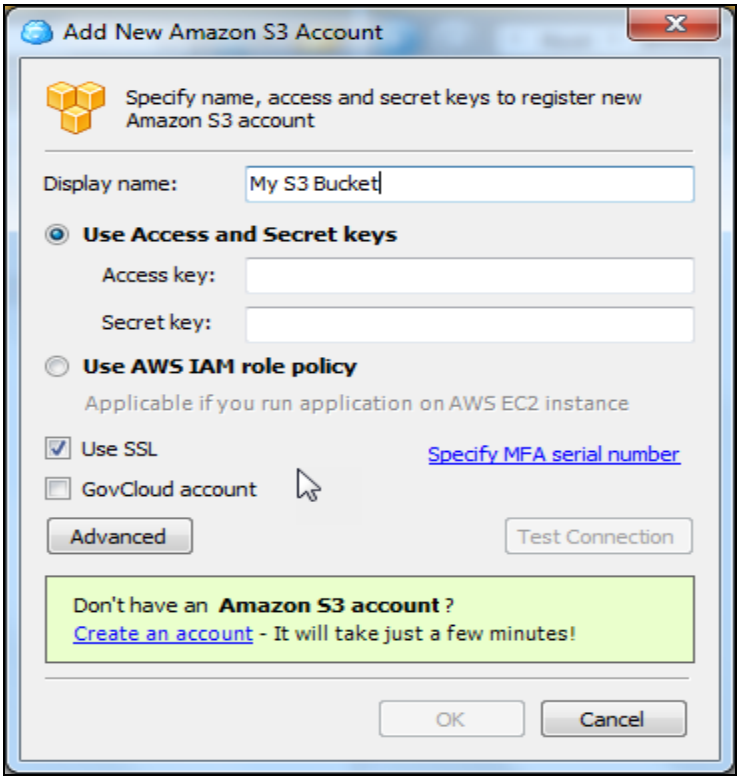
Installing and configuring Cloudberry Explorer

1. Download Cloudberry here.
2. Click **File** > **New Amazon S3 Account**.



If your S3 account already exists, you can edit the keys by clicking **File** > **Edit Accounts**.

3. Type a **Display Name**. The display name can be whatever you want. It does not need to be the same for every user.
4. Type your **Access** and **Secret Key**.
5. Click **OK**.



You can now navigate through the S3 folder structure.

S3 sync (bat file)

Syncing files to S3 requires using the *sync --delete* command. Files should only be synced from the published projects (Final Projects folder).

To sync published files, double-click the **sync_English_internal.bat** file located in the Final Projects folder. The bat file runs these executables for English:

aws s3 sync --delete . s3://altitopicbucket-na/Master

aws s3 sync --delete . s3://altitopicbucket-cn/Master

aws s3 sync --delete . s3://altitopicbucket-eu/Master

aws s3 sync --delete . s3://altitopicbucket-fe/English/Master

Double-click the **sync_English_external.bat** file to sync external files.

Double-click the **sync_English_PDF.bat** file to sync PDFs.

Note: Each language has it's own individual bat file, allowing you to sync languages as they become available.