

# Mass Upload Tools for Commons

Uploading content to Commons can be a complicated task that requires a number of steps when working with a partner institution, including:

- Selecting the content and releasing the content under the appropriate license
- Mapping the content's metadata structure to Wikimedia Commons templates
- Test uploading the content for formatting and community patrolling needs
- Uploading the full collection to Commons and cleaning errors in the upload
- Integrating the Commons uploaded content into WM projects with programs

When starting a program/activity, you want to make sure that you have the right tools and the right steps planned! If you need some more ideas: [\[\[outreach:Digitization\]\]](#)

## Pattypan: Squashing metadata spreadsheets and uploads together

### When to use it?

- The files can be made available offline in one place
- You have or can create fairly consistent metadata in a spreadsheet

### What you need?

- A device capable of running a Java program w/ compatible firewall
- Identified needed templates, including Commons infobox, licensing, institutional templates, and categories that will provide meaningful context

Where is the documentation? [\[\[commons:Commons:Pattypan\]\]](#)

## GLAMPipe (Alpha): Path for transforming metadata for Commons

### When to use it?

- Have some technical capacity (currently have to do a script-based and local install)
- Structured information, but it's inconsistent and needs a fair amount of cleaning
- Source exposed through an API, and local server/upload device can be left running

### What you need?

- Ability to install the software (tested on linux and mac devices)
- A robust understanding of metadata structures on Commons
- Basic understanding of data cleaning/logic

Where is the documentation? [\[\[meta:Grants:Project/GLAMPipe\]\]](#)

## GLAM-Wiki Toolset: for those big, well organized batches

### When to use it?

- Exportable XML data and online media files from institution w/ technical support
- Batch is massive and uses very consistent metadata (Dublic Core)
- You have deep knowledge of Wikimedia Commons

### What you need?

- Identified needed templates, including Commons infobox, licensing, institutional templates, and categories that will provide meaningful context
- Mapped metadata from institution, which can be translated consistently into Commons structures

Where is the documentation? [\[\[commons:Commons:GLAMwiki\\_Toolset\]\]](#)

Other tools: [\[\[commons:Commons:Upload tools\]\]](#)