

PORTICO/ITHAKA

It is an organization whose work is to archive the publisher data.

Libraries and publishers can be confident that their e-journals, e-books, and digitized collections will be accessible to researchers, scholars, and students in the future.

Portico was the first digital preservation service to be independently audited by the Center for Research Libraries (CRL) and certified as a trusted, reliable digital preservation solution that serves the needs of the library community (following the general metrics found in their Trustworthy Repositories Audit & Certification). The stated purpose of the CRL audit was to promote understanding of and, where justified, confidence in, digital repositories.

What is Archiving?

Data archiving is the process of retaining data for long term storage. The data might not be in use, however, it can be brought into use and can be stored for future purposes.

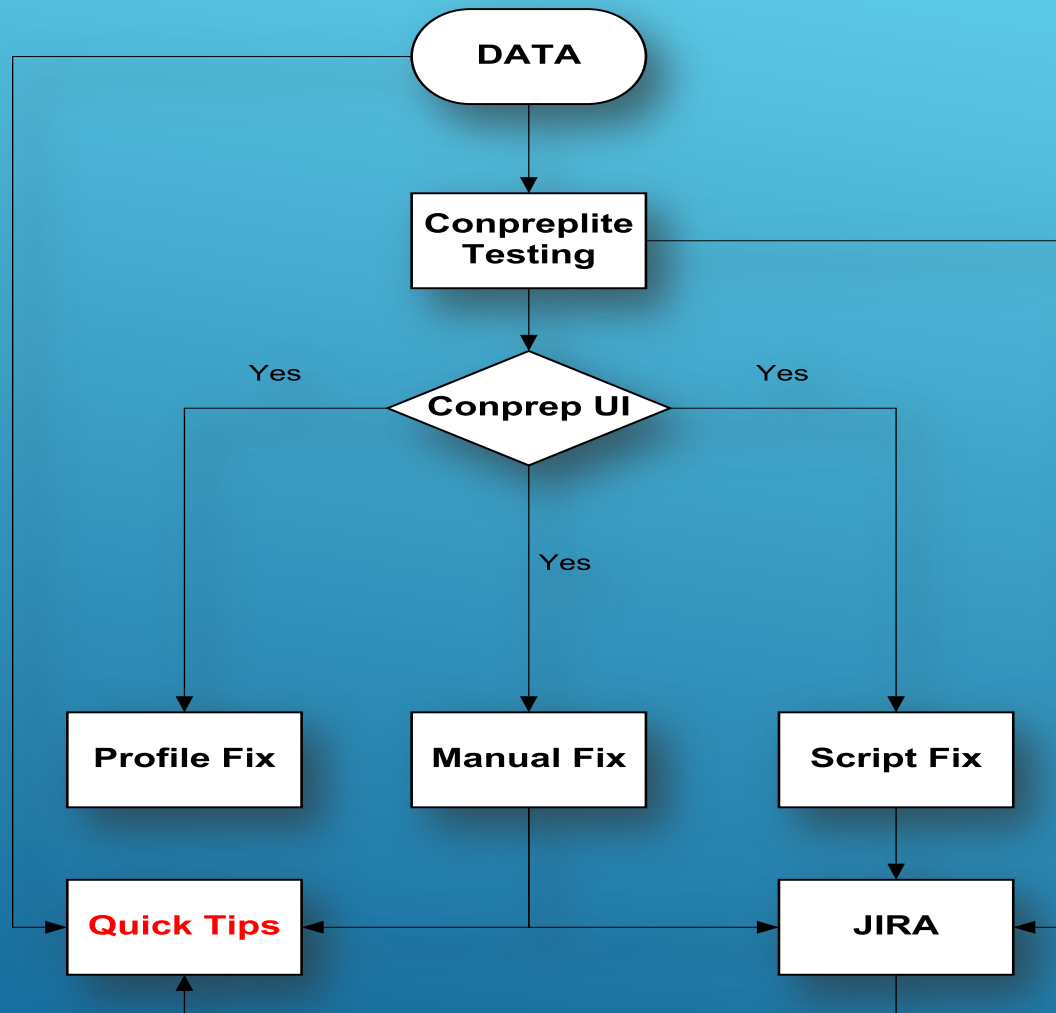
There are many different approaches to archiving

- Emulate – maintain the original technology.
- Migrate – change formats to current supported formats.
- Byte Preserve – allow digital archeologist to have all the fun.

What is Portico's approach to Archiving?

Portico has adopted a migration approach to archiving. The DATA Normalization strategy, while in general we transformed the publisher's content as per portico define DTD.

PORTICO WORKFLOW



Software Requirements

- VPN: CISCO client software used to connect with SVN, GitHub, WorkBench UI, Jenkins and Winscp.
- SVN: It is used to get updated Quick Tips, TOD and BDO Sheet etc.
- GitHub: It is used to get updated Scripts, Profile, Tool Registry, Formats.
- Winscp: It is used to put manual fix files on server.
- JIRA: It is used for problem tracking.
- Oxygen Editor: It is used for writing Scripts.
- MS Word: It is used for writing Quick Tips and TOD.
- CITRIX: It is used for check missing PDF and Images files on publisher websites.
- Jenkins: To pick the update from scripts, profile and tool registry.

Steps for WorkBench UI

- Run all the batches on WorkBench.
- Analysis problem through report from WorkBench.
- Fix problems through script, profile and manual fix.
- Test manual fix file by replacing/adding them on WorkBench.
- Quick tips creation using WorkBench reports.

NOTE: Before running batches on Conprep UI first need to check the entry of tool used, and corresponding entries of Input and Output format inside Tool Registry.

JIRA Creation

We are creating following types of JIRAs:

- DATA-JIRA: This jira is created for transformation issues, manual fixed batches and warning cleared batches.
- PQ-JIRA: This jira is created to report issue to publisher.
- ING-JIRA: This jira is created for BDO mismatch entries.
- PORSYS-JIRA: This jira is created for deletion request batches.

Quick Tips Creation

We are mentioning following points inside Quick Tips:

- Introduction section: For which stream it is made and how many batches successfully proceed etc.
- Inserting table for the batches which are manually fixed.
- DATA-JIRAs: Regarding manual fixed batches, PQ issues, ING issues, PORSYS jira and Warning cleared batches.