

Digital Preservation 101: What Libraries Should Know



COLLECTIONS
ACROSS
INDIANA

INDIANA
NEWSPAPERS

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Indipres.org

What is Indiana Memory?



- Launched in 2008
- Digital platform for Indiana's cultural heritage
- Collaboration with libraries and cultural heritage institutions
- Web portal to provide access

What is Indiana Memory?

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Indiana Memory

Search Indiana Memory...

Collections Across Indiana

From Angola to Evansville and everywhere in between, Indiana Memory has digital collections to pique the interest of all Hoosiers. Below is a list of the collections with a statewide focus. Use the map to the right to locate collections that have a local focus. The county name will appear if you pause over the individual county. By clicking on the county, the collection names will appear below.

When you click on a collection name, you will leave Indiana Memory to go to the digital collection on its host server.

(See Full List with Descriptions)

Statewide Collections

(Click specific county for county collections.)

- Abia W. Holmes Covered Bridge Photographs
- Artists from Indiana and Beyond
- Baker University Botanic Herbarium Digital Collection
- Camp Cherokee Field
- Charles W. Cushman Photograph Collection
- Civil War Home Front
- Civil War Manuscripts
- Civil War Military Front
- Conner Prairie Historical Almanac Collection
- Conner Prairie Historic Clothing Collection
- Conner Prairie Museum Textile Collection
- Conner Prairie Traditional Craft - Preservation and Reproduction
- Conner Prairie Translators
- Daniel W. Harrig Indiana Courtesans
- DNR Historic Preservation and Archaeology
- DNR State Parks and Reserves
- Eleanore Research Speech Collection
- Engene V. Debs Museum
- George Palmer Putnam Collection of Amelia Earhart Papers
- Gospel Tramps - Publications of the Church of God
- Heberberg Libraries' Indiana Catholic Missions Collection
- Highlights of the 151 Manuscripts Collection
- Historic Indiana Advertisements
- Historic Indiana Maps
- Historic Indiana Post Cards



- 150+ partners
- 400+ collections
- 600,000 items
- CONTENTdm Responsive
- Web Interface
- Integrated Features
- Working on harvesting from non-CONTENTdm



Featured in this collection



Hammond Times 23 June 1917

About this collection

This collection contains 123,852 issues comprising 943,715 pages.

Follow us on 

Hoosier State Chronicles is operated by the Indiana State Library and funded by the U.S. Institute of Museum and Library Services under the provisions of the Library Services and Technology Act. We seek to provide free, online access to high quality digital images of Indiana's historic newspapers by digitizing our collection, and assisting other organizations in making their collections digitally available. Follow our [blog](#) to learn more about Hoosier State Chronicles, and read posts about yesteryear's news.

This online resource originated with grant funding from the National Endowment for the Humanities that enabled us, in partnership with the Indiana Historical Society, to digitize Indiana newspapers for the National Digital Newspaper Program (NDNP). The Indiana titles digitized through NDNP are also available at the Library of Congress's [Chronicling America](#), along with over 8 million newspaper pages from around the United States. You can find additional digitized Indiana newspapers in [Indiana Memory](#) and also [listed on our blog](#).

The Indiana State Library Newspaper Division has the largest collection of Indiana newspapers either in print, microfilm or digital format. For an overview of the available resources for Indiana newspaper research visit their [website](#).

[Contact us](#) with any comments or suggestions.



What is Hoosier State Chronicles?

- Launched in 2011
- Component of Chronicling America
- Digital platform for Indiana's historical newspapers
- Collaboration with libraries and cultural heritage institutions
- Web portal to provide access



Search limited to

No search filters set

Refine search

Publication

- Indianapolis Journal (3326)
- South Bend News-Times (1885)
- The Daily Banner (1617)
- Banner Graphic (726)
- More...

Category

PAGE (11546)

Decade

- 1830-1839 (27)
- 1840-1849 (99)
- 1850-1859 (612)
- 1860-1869 (587)
- More...

Tags

- Hoosier (23)
- Kim Hubbard Short Furrows (4)
- Abe Martin (2)
- Hoosier Cabinet (2)

Simple Search

Advanced Search

hoosier [Help](#) | [Search history](#)

Search within: Search summaries: Results per page:

From: To:

- In:
- Banner Graphic (1 March 1973 - 31 December 1974)
 - Bloomington Post (6 November 1835 - 22 March 1839)
 - Bloomington Republican (6 January 1827 - 3 November 1827)
 - Brookville American (19 February 1858 - 21 December 1860)

Search Results

Your search for **hoosier** found 11546 results. Showing results 1 to 20.

Sort by:

[Results 21 - 40 >](#)

- [Add to private list](#)

South Bend News-Times 13 February 1920

If You Haven't a **Hoosier**, You Need One That's what nearly two million women ...
- [Add to private list](#)

South Bend News-Times 20 May 1921

... e your last chance, for some time, to join a **Hoosier** club! All free offers and easy paying plan will ...
- [Add to private list](#)

South Bend News-Times 20 October 1922

HOOSIER
- [Add to private list](#)

South Bend News-Times 24 January 1919

FREE! This Flour FREE! With Every **Hoosier** Cabinet
- [Add to private list](#)

South Bend News-Times 6 August 1920

What is Hoosier State Chronicles?

- www.hoosierstatechronicles.org
- Nearly 300 titles
- 155,000+ issues
- 1,500,000+ pages
- Text Searchable
- Downloadable (Both jpegs and PDFs)

Digital Preservation

- ❑ What is it?
 - ❑ Defined as any planning and activity that helps ensure long term access to existing digital assets
- ❑ Why is it important?
 - ❑ Hardware, software and operating system obsolescence
 - ❑ Changes to file format
 - ❑ Media degradation
 - ❑ Threats to storage location
 - ❑ Controlled access to assets
 - ❑ LOCKSS principle

InDiPres

- ❑ Why InDiPres?
 - ❑ Trust
 - ❑ Community
 - ❑ Institutional Support
- ❑ Benefits
 - ❑ Creation of Digital Preservation Plan
 - ❑ Core Activity
 - ❑ Grants



InDiPres

- ❑ Offsite Dark Archive of Digital Files
 - ❑ Extra layer of security in the case of internal issue (fire, flooding, etc.)
- ❑ Decentralized Server Structure
 - ❑ Provides multiple backups in the event of a server failure
- ❑ Works with LOCKSS

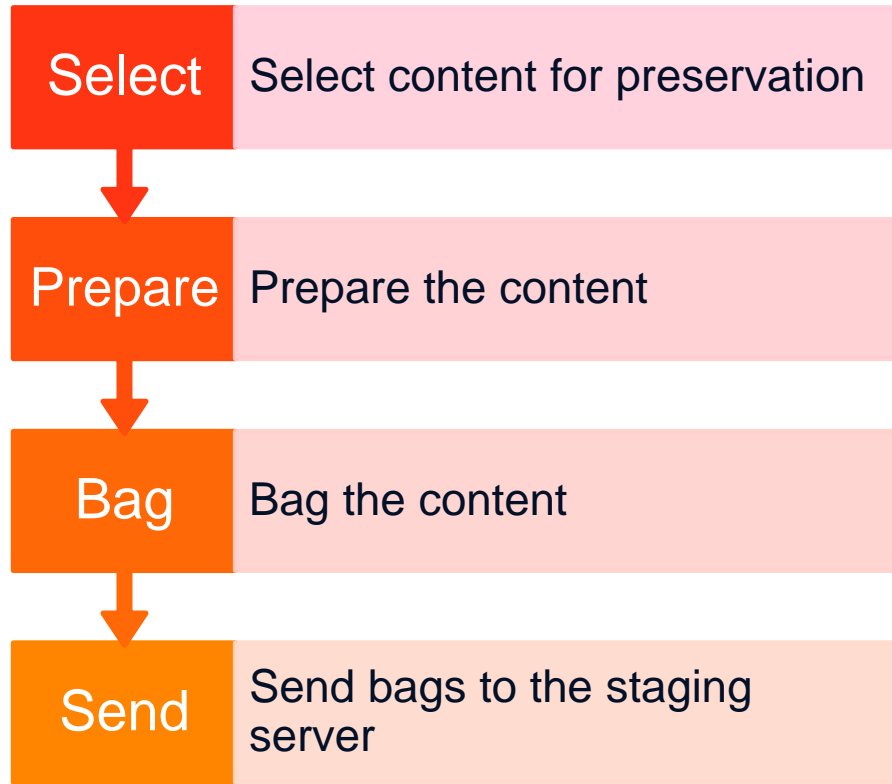


InDiPres

- ❑ 22 Members
 - ❑ Academic Libraries, Public Libraries, Historical Societies
- ❑ 14.9 TB of Archived Storage
 - ❑ Available to members via multiple nodes in MetaArchive Network
- ❑ Works with a variety of CMS
 - ❑ Provides multiple backups in the event of a server failure



Ingest Process



Ingest Process: Selecting Content

- ❑ Consider risk factors* such as vulnerability to change and loss, potential obsolescence, or disaster damage
- ❑ Prioritize* based on mission, policies, requirements, uniqueness, significance, frequency of use, age and extent of content, value, rights ownership, and digital quality
- ❑ *From the [InDiPres Guidance Document and Technical Appendix](#)



Ingest Process: Preparing Content

- ❑ Collect files
 - ❑ Content files
 - ❑ Metadata files
 - ❑ Any other documentation that would help to put the collection back together again (field mapping information, etc.)
- ❑ Rename files, if needed
 - ❑ Recommendations* include:
 - ❑ use prefixes that identify your institution and the collection
 - ❑ avoid spaces and special characters
- ❑ Use standard file formats (preferably non-proprietary)
 - ❑ This will help for future format migrations

*See the [InDiPres Guidance Document and Technical Appendix](#)



Ingest Process: Bagging Content

- ❑ A bag* is like a folder or directory on a computer and is composed of:
 - ❑ a bag declaration text file, which is like a seal of authenticity
 - ❑ a text-file manifest listing the files in the collection
 - ❑ a subdirectory - usually titled "data" – filled with the digital content
 - ❑ an optional text file, titled "bag-info.txt," with administrative metadata
 - ❑ We are currently using the Library of Congress Bagger software. There are other bagging software options, such as DART, from APTrust
 - ❑ Help is available (documentation, training videos and sessions)
 - ❑ Bag names should start with a prefix that identifies your institution and the collection and should include the bag number.
- ❑ *From the Library of Congress Digital Preservation page on [Digital Content Transfer Tools](#)



Ingest Process: Staging Content

- ❑ Ideally, the bags are sent to the staging server electronically, but it is also possible to deliver them on hard drives.
- ❑ When you have sent bags, please let your InDiPres contact know. It is also helpful if you include the bag names and sizes.

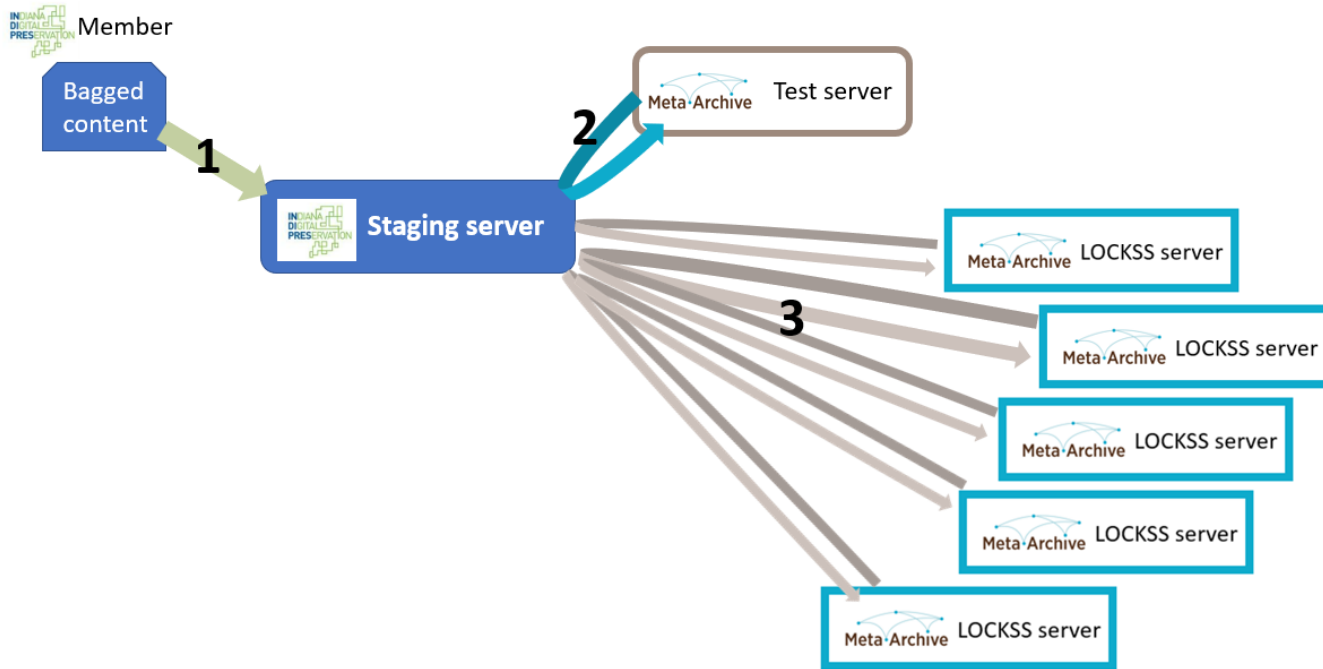


Ingest Process: Testing and Ingest

- ❑ InDiPres will create Archival Units (AUs) identifying the location of the bags on the staging server
- ❑ The MetaArchive test server will pull the bags and run tests
- ❑ MetaArchive LOCKSS server administrators at 5 geographically diverse locations will be notified to pull the bags and ingest them into their LOCKSS servers
- ❑ When the ingest is complete, the bags will be removed from the staging server to make room for more bags



Current Ingest Process



For More Information

MetaArchive: <https://metaarchive.org/>

InDiPres: <https://indipres.org/> (see the Guidance Document under Member Tools)

Please feel free to contact us!

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Thanks!

Questions?

