

# Technical & training issues

## continued

CCMP Workshop June 1, 2001

**M. Claire Dougherty**

Head, Digital Media Services  
Northwestern University Library

[m-dougherty@northwestern.edu](mailto:m-dougherty@northwestern.edu)

# Video and audio collections

- Standards for compression still evolving
- Resource-intensive: much disk, heavy demands on networks
- How to make contents searchable? Human indexers/transcribers or automated recognition technology?

# Delivering digitized collections

- Preparing derivatives for web delivery
- Metadata and markup tools
- Interface design and search
- Who will do the work? Staff issues

# Preparing derivatives

- Most likely will not deliver highest resolution versions over the web
- Determine what your users are likely to want
  - Small detail in images
  - Quick, thumbnail views
  - High resolution for projection
  - Video/audio streamed over DSL
  - Image formats native to browsers

continued...

# Preparing derivatives continued

- File naming and management; families of images
- Special technologies: on-the-fly conversion or multiple resolutions in a single file
  - TIFF-to-GIF
  - MrSID

# Metadata and markup tools

- Consider starting with what you already know
  - Library catalog
  - MARC records
- Or build something with simple tools
  - MSAccess databases
  - Web forms
- As long as the description is complete, data can be migrated from one system to another

continued...

m-dougherty@northwestern.edu

# Metadata and markup tools

continued

- Consider which descriptive standards are best for the objects in the collection
  - Dublin Core
  - EAD
  - MARC
  - Thesauri?
- Differentiate between the descriptive format and the technology used to express it

# An example: WWII Posters



Brief View  Long View  Techni

*Someone talked! / [illustrated by] Sie*

**Author, etc.:** [Siebel](#)

**Title:** Someone talked! / [illustrated by] Siebel

**Publisher:** [Washington, D.C.] : U. S. G. P. O. : Distributed by O. W. I.,

**Date:** 1942.

**Series:** [OWI poster, no. 18](#)

**Type of material:** Nonprojected Visual Media  
Photomechanical print  
Internet access

**Description:** 1 poster : col. ; 101 x 70 cm.

**Access method:** <http://www.library.nwu.edu/govpub/collections/wwii-posters/ing/ww>  
<http://www.library.nwu.edu/govpub/collections/wwii-posters> Web sit

**Link to resource(s) by clicking here:** [Screen-size image \(JPEG compressed\)](#)

[Web site database of World War II posters](#)

**Notes:** Also available as digitized image via the World Wide Web.

**Location:** INTERNET

**Call number:** See URL above

**Location:** MAIN Government Publications

**Call number:** Pr32. 5015: 18

MARC records created in  
online catalog...

# An example: WWII Posters

```
<#11>
<TABLE></TABLE>
<#181>ALC4485C</#181>
<#184>English</#184>
<#185>United States</#185>
<#186>R3.46/1:114/13</#186>
<#190>Newsp. </#190>
<#245>—Because somebody talked!</#245>
<#250>[Washington, D.C.] : U.S. G.P.O. : Distributed by O.H.I. </#250>
<#260>1944.</#260>
<#300>1 poster : col. : 78 x 59 cm.</#300>
<#440></#440>
<#500>U.S. War Dept. Army Service Forces, Adjutant General's Dept.—Monthly catalog 1944, p. 661.</#500>
<#520>Cocker spaniel dog sits on chair next to dead sailor's uniform, with portrait of service star on wall.</#520>
<#540>Materials published by the U.S. Government Printing Office are in the public domain and, as such, not subject to copyright restriction. However, the Library requests users to cite the URL and Northwestern University Library if they wish to reproduce images from its poster database.</#540>
<#560>11.7.</#560>
<#600>National security -- United States -- Posters. / World War, 1939-1945 -- Social aspects -- United States -- Posters. / War posters, American.</#600>
<#653>"Don't talk".</#653>
<#700></#700>
<#710>United States. Adjutant-General's Office. / United States. Office of War Information.</#710>
<#8501U>http://www.library.nyu.edu/govpub/collections/wwii-posters/img/w1647-83.jpg</#8501U>
<#8501Z>Screen-size image (JPEG compressed)</#8501Z>
<#8502U>http://www.library.nyu.edu/govpub/collections/wwii-posters/</#8502U>
<#8502Z>Web site database of World War II posters</#8502Z>
<#8503U>http://www.library.nyu.edu/govpub/collections/wwii-posters/img/w1647-83.gif</#8503U>
<#8503Z>Thumbnail image (GIF format)</#8503Z>
<#8504U>http://www.library.nyu.edu/govpub/collections/wwii-posters/img/w1647-82-mail.gif</#8504U>
<#8504Z>Small thumbnail image (GIF format)</#8504Z>
<TABLE></TABLE>
</#11>
```



...then extracted as SGML  
MARC and indexed with  
OpenText for web search.

# Interface design and search

- Think about your interface BEFORE you begin, at least a little bit.
- You may design the interface for one specific audience, but consider that there may be unanticipated users
- Which fields are searchable? How will results display? Will there be a detailed view?
- These decisions may affect the metadata/markup choices

# Who will do the work?

- Build from within the organization to start
- Look around for staff who are interested
- Catalogers already have the skills needed, may have preservation staff: reformatting
- If working with grant money, find a way to integrate permanent staff in the process so the knowledge doesn't leave when the money is gone

# More information

[www.library.northwestern.edu/cdougherty/ccmp](http://www.library.northwestern.edu/cdougherty/ccmp)

(this prez and links to digital library information)

[m-dougherty@northwestern.edu](mailto:m-dougherty@northwestern.edu)