

Some digitized music collections from libraries

Sheet music

19th-Century California Sheet Music

<http://www.sims.berkeley.edu/%7Emkduggan/neh.html>

Brown University (American Memory) African-American Sheet Music, 1850-1920

<http://memory.loc.gov/ammem/award97/rpbhtml/aasmhome.html>

Duke Historic American Sheet Music

<http://scriptorium.lib.duke.edu/sheetmusic/>,

<http://memory.loc.gov/ammem/award97/ncdhtml/hasmhome.html>

Indiana University Sheet Music

<http://www.dlib.indiana.edu/collections/sheetmusic/>

Johns Hopkins University Lester S. Levy Collection of Sheet Music

<http://levysheetmusic.mse.jhu.edu/>

Library of Congress American Memory, Music for the Nation

<http://memory.loc.gov/ammem/mussmhtml/mussmhome.html>

UCLA Archive of Popular American Music

<http://digital.library.ucla.edu/apam/index.html>

Published scores

Indiana University VARIATIONS Score Prototype

<http://www.dlib.indiana.edu/variations/scores/>

Rare or manuscript materials

Bodleian Library Broadside Ballads

<http://www.bodley.ox.ac.uk/ballads/ballads.htm>

Harvard Loeb Music Library Digital Scores

<http://hcl.harvard.edu/loebmusic/online-ir-digital-scores.html>

University of Chicago Chopin Early Editions

<http://chopin.lib.uchicago.edu/>

Good resources for digital projects

California Digital Library Best Practices for Image Capture

<http://www.cdlib.org/news/pdf/BestPracticeImageCapture>

Outlines the range of issues involved in digital image capture. February 2001.

Cornell Digital Imaging Tutorial

<http://www.library.cornell.edu/preservation/tutorial/contents.html>

An excellent interactive online tutorial covering aspects of digital projects from start to finish.

Moving Theory Into Practice

The full text is not available online; ordering information is available from

<http://www.rlg.org/preserv/mtip2000.html>.

Edited by Anne R. Kenney and Oya Y. Rieger, this book discusses methods for benchmarking conversion requirements rather than listing specifications for classes of materials. April 2000.

NINCH Guide to Good Practice in the Digital Representation and Management of Cultural Heritage Materials

<http://www.nyu.edu/its/humanities/ninchguide/>

Covers many aspects of digital projects, including planning, selection, rights management, capture, and quality control. October 2002.

RLG Guides to Quality in Visual Resource Imaging

<http://www.rlg.org/visguides/>

A series of five guides written by imaging experts covering technical aspects of digital imaging projects. July 2000.

TASI Advice Documents

<http://www.tasi.ac.uk/advice/advice.html>

From the UK Technical Advisory Service for Images. Documents cover an Overview, Managing Digitization Projects, Creating Digital Images, Delivering Digital Images, Using Digital Images, and Vector and Animated Graphics. Most are short and very general. Frequently updated.

Visual Arts Data Service, Creating Digital Resources for the Visual Arts: Standards and Good Practice

http://vads.ahds.ac.uk/guides/creating_guide/contents.html

Provides an overview of copyright, capture, metadata, storage and delivery issues for digital images.

Western States Digital Imaging Best Practices

http://www.cdpheritage.org/resource/scanning/documents/WSDIBP_v1.pdf

Focuses on setting digital image standards for the Western States project, but also addresses project planning, software, and metadata issues. Replaces the earlier guidelines developed by the Colorado Digitization Project. January 2003.

File formats for Web delivery of score images

File format	Commonly viewable via the Web	File size	Multi-page support
JPEG	√	√	
GIF	√	√	
PNG	√	√	
TIFF		depends	√
PDF	√ -		√
DjVu		√	√
JPEG2000		√	√

Pixel dimensions for Web-deliverable files

	200dpi	150dpi	100dpi
5.5" x 7.5" miniature score	1100 px x 1500 px will not fit horizontally on many common screen resolutions	1100 px x 1500 px will not fit horizontally on many common screen resolutions	550 px x 750 px will fit horizontally on all common screen resolutions
9" x 12" score or sheet music	1800 px x 2400 px will not fit horizontally on any common screen resolution	1350 px x 1800 px requires horizontal scrolling for most common screen resolutions	900 px x 1200 px will fit horizontally on all but the smallest common screen resolutions

File formats for printing of score images

File format	Advantages	Disadvantages
JPEG	Wide support	No multi-page support Difficult to size properly for multiple printer types JPEG compression not good for printing technology Doesn't handle bitonal images
GIF	Wide support	No multi-page support Difficult to size properly for multiple printer types
PNG	Wide support	No multi-page support Difficult to size properly for multiple printer types
TIFF	Very flexible Can provide any level of quality wanted	Multi-page images not supported in all software Difficult to size properly for multiple printer types
PDF	Multi-page support Scalable sizing for output page size Serves as a wrapper for any sort of image file Can handle multiple bit depths	Extremely large file sizes when made from page images Software common but not pervasive
DjVu	Multi-page support Scalable sizing for output page size	Software not pervasive
JPEG2000	Multi-page support Scalable sizing for output page size Can package metadata with images	Software not pervasive