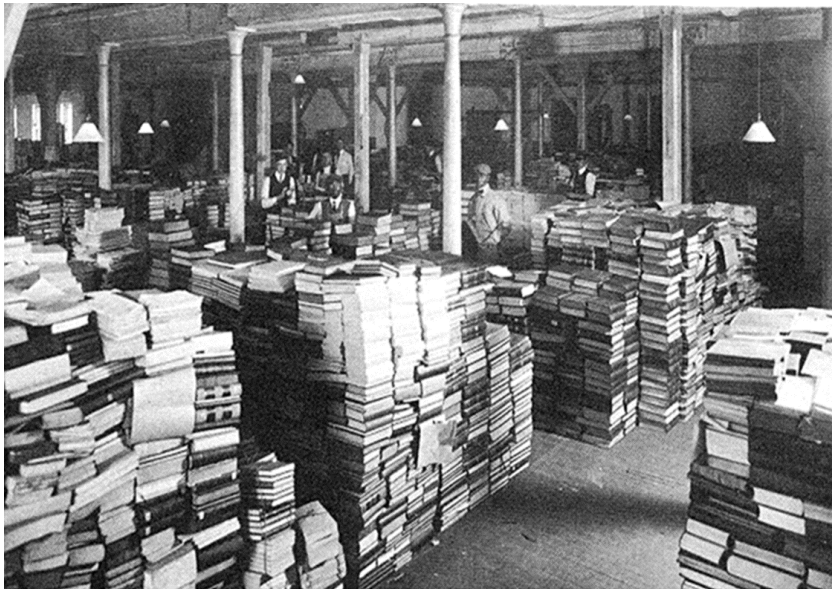




# Creating Digital Collections

Connecting Content to Community for  
Preservation and Access

David Walls, Preservation Librarian  
October 20, 2015





## Selection for Digitization

- Publications that are in high demand
- Publications that are physically worn or brittle
- Special collection items
- Publications difficult to access
- Large format items such as maps and folios
- Geographically dispersed collections
- Digital collection development plan



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## Federal Agency Digital Guidelines Initiative - FADGI

<http://www.digitizationguidelines.gov/guidelines/digitize-technical.html>

1. Digital image capture for still images – creation of master files, image parameters, digitization environment, color management, etc.
2. Color encoding accuracy
3. Digital Image Performance – development of operational metrics and criteria for evaluating digital image characteristics
4. Example workflow processes
5. Minimum metadata
6. File formats – recommended formats, encodings of master and derivative files.
7. Approaches to file naming
8. Basic storage recommendations
9. Quality management – quality assurance and quality control of images and metadata.

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Depository Library Council Meeting & Federal Depository Library Conference  
GPO & FDLP | **A Rich History, Vibrant Future**  
October 19 - 21, 2015 | Arlington, Virginia

## Digitization: Define the Requirements

1. What is the scope of the requirement?
2. What is the timeframe required for completion?
3. What types of materials are involved?
4. What is the expected result?

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## Digitization: Organizational Capabilities

1. What staff resources are available?
2. What are the digitization skills of the available staff?
3. What physical space is available to devote to the effort?
4. What digitization equipment is available?
5. What new digitization equipment is needed?
6. What level of funding/resources is available?

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## FADGI Star Rating Specifications

	1 Star	2 Star	3 Star	4 Star
Master File Format	TIFF, JPEG 2000, PDF/A	TIFF, JPEG 2000, PDF/A	TIFF, JPEG 2000, PDF/A	TIFF, JPEG 2000, PDF/A
Access File Formats	All	All	All	All
Resolution	150 ppi	300 ppi	300 ppi	400 ppi
Bit Depth	8	8	8 or 16	8 or 16
Color Space	SRGB, Adobe 1998, ECIRGBv2	Adobe 1998, ECIRGBv2	Adobe1998, ECIRGBv2	Adobe 1998, ECIRGBv2
Color	Greyscale or Color	Greyscale or Color	Greyscale or Color	Color



## Access Derivatives

- DAISY
- ePUB
- DjVu
- MOBI
- Kindle
- PDF
- Plain text
- JPEG
- JPEG 2000
- PNG



## Coming Next:

- Finalization of FADGI expected January 2016
- “Advice and guidance on planning digitization projects.”
- FIPNet Partnerships for digitization
- Your digital content in FDsys
- Your digital content with live links in the CGP
- Mapping the landscape of digitization

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