### EAD (Entire Archives Digitized): Development of a Working Model for Large Scale Digitization

SAA Research Forum, *Foundations and Innovations* August 11, 2009

> <u>weissk@si.edu</u> <u>www.aaa.si.edu</u>

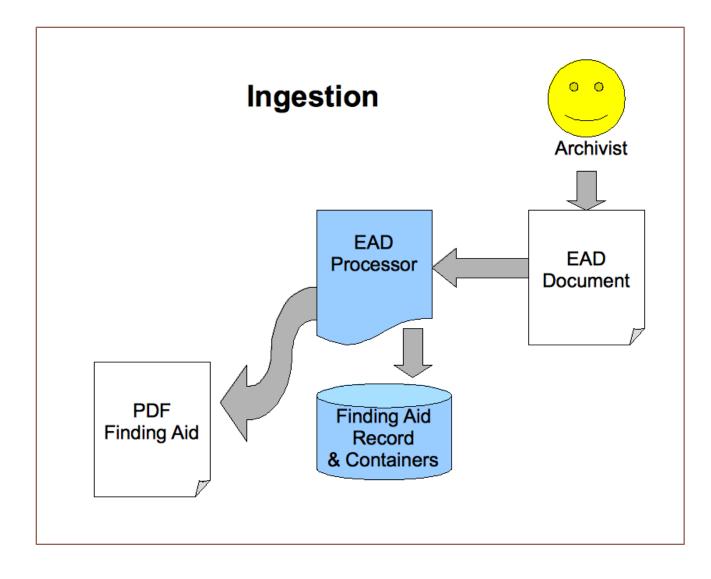


### **Collections Online:** Scaling Up Digitization of Special Collections

- No item level access
- Database driven; uses EAD finding aid data as sole source of metadata
- Flexible interface design
- Primarily grayscale, 300 dpi
- Easy to operate equipment
- Networked digital file storage and mgmt
- Automated, web-based workflow, notifications
- Effective and efficient integration of existing descriptive practices



### **Overview: The EAD "Engine"**



## **Database Tables**

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## **Tbls Container and Image**

tblContainer							
PK	ContainerID	int identity					
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	ContainerFrameLabel ContainerComponent ContainerParent	nvarchar(100) varchar(50) int					
	ContainerItemLabel	varchar(100)					
	ContainerHeadingType	varchar(100)					

tblCollectionsOnlineImage							
PK	CollectionsOnlineImageID	int identity					
	fkltemID fkltemComponentID fkCollectionID DigResSummary MasterFile RefFile ThumbExcerptFile PrintFile fkPartTypeID PartNum OrderNum fkProjectID fkAAAPersonID fkDeviceID DigitizedDate ArchivedDate Quality SuppressedDigRes DateEdited BoxNum FolderNum fkContainerID microfile ReelNum FrameNum	int int ntext nvarchar(50) nvarchar(50) nvarchar(50) int int int int int int datetime datetime nvarchar(50) bit datetime int int int nvarchar(50) int int int int int int datetime nvarchar(50) bit datetime nvarchar(50) int int int int int int int int int int					



Research Collections > Collections Online >

#### **Moses Soyer Papers**

View Collection

About this Collection

About Collections Online

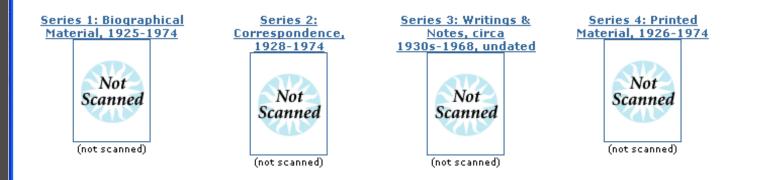


This site provides access to the papers of **Moses Soyer** in the Archives of American Art that were digitized . The papers have been scanned in their entirety.

The papers of realist painter Moses Soyer date from circa 1905 to 1974 and measure 3.8 linear feet. Within the papers are scattered biographical materials, general correspondence with friends, artists, galleries, art organizations, and others, as well as correspondence with his family, including his son David, writings and notes by Soyer and others, exhibition materials, news clippings, and other printed material, numerous photographs of Soyer, his family, fellow artists, friends and his artwork. Also found is artwork including book illustrations and loose sketches by Soyer. Read more <u>About this</u> <u>Collection</u>.

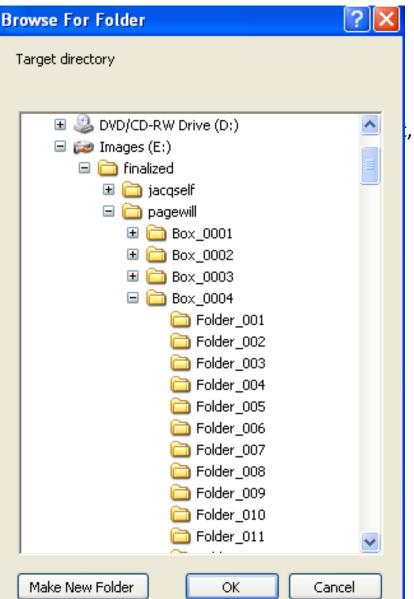
Funding for the processing and digitization of this collection was provided by the Terra Foundation for American Art.

Moses Soyer to his son David at summer camp, ca. 1937



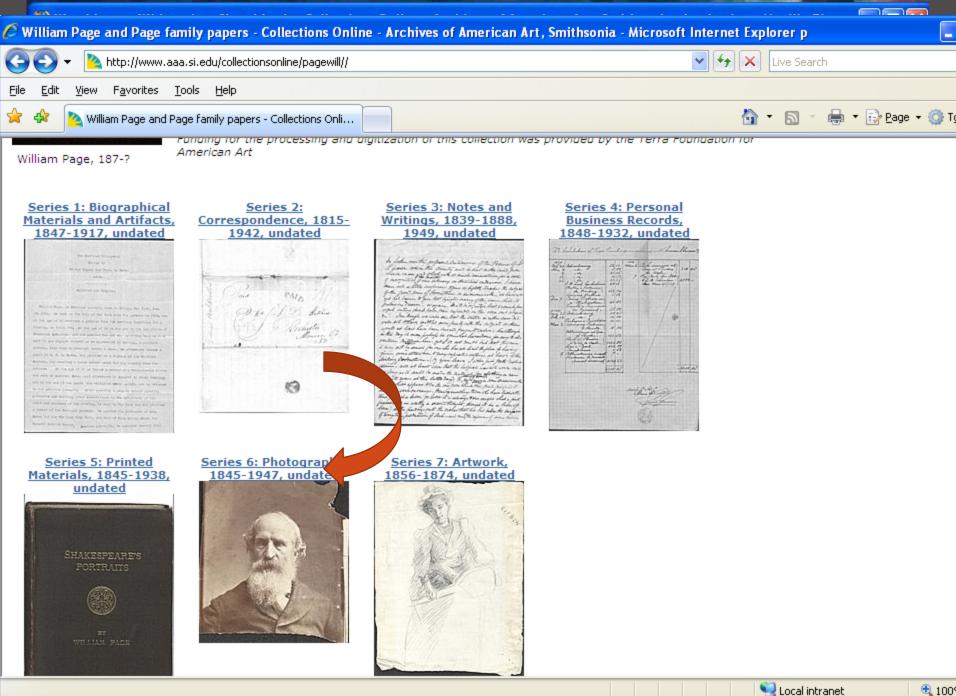
### Sample XML Encoding for Collection to be Scanned

<c01 level="series"> <did><unitid>Series 1: </unitid><unittitle>Biographic; </unitdate></unittitle> <physdesc>(Box 1; 8 folders)</physdesc></did> <scopecontent> Biographical Material includes various address list notes, a catalog with handwritten prices, and other w and other ephemera. </scopecontent> <c02><did> <container type="box">1</container> <container type="folder">1</container> <unittitle>Address Lists, <unitdate>undated</unitdate <physdesc></physdesc> </did></c02> <c02><did> <container type="box">1</container> <container type="folder">2</container> <unittitle>Annotated Catalog with Prices, <unitdate>1 <physdesc></physdesc> </did></c02>



## Collection Online Home Page: Data derived from EAD finding aid

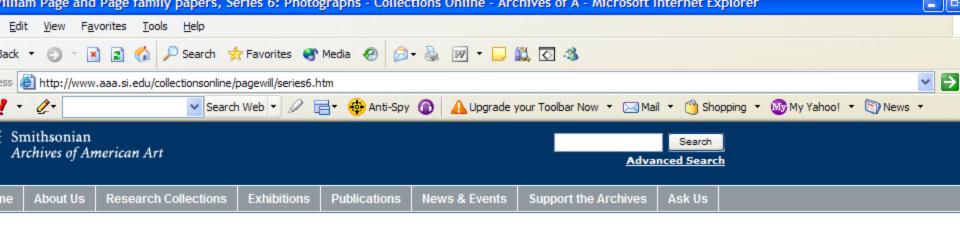
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View Collection More about this Collection	About Collections Online							
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William Page, 187-7William Page, 187-7								
Series 1: Biographical Materials and Artifacts, 1847-1917, undated Series 2: Correspondence, 1815- 1942, undated	Series 3: Notes and Writings, 1839-1888, 1949, undated     Series 4: Personal Business Records, 1848-1932, undated       ////////////////////////////////////							
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### illiam Page And Page Family Papers, 1815-1947, bulk 1843-1892

	View	Col	lection
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More about this Collection

About Collections Online

## ries 6: Photographs, 1845-1947, undated (Box 7-9, / 12; 1.4 linear feet)

s series includes photographic portraits, snapshots, photographs of homes and other buildings, vel photographs, and photographs of works of art. Most portraits are mounted cabinet tographs or cartes-des-visites, but a small number of tintypes, daguerreotypes, and unmounted its are also found. Portraits depict William Page, his family, descredants, and friends, as well as ers for his painted portraits. Photographs after 1900 depict print and friends family of George S. Page, iam Page's son, his wife and children, and their families. <u>READ MONE</u>

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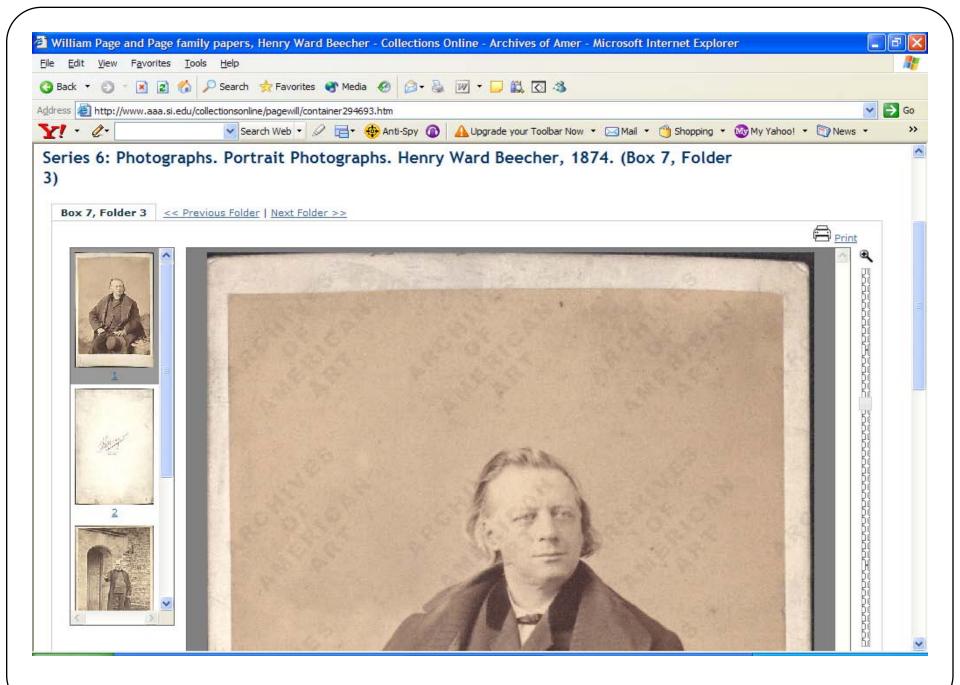
#### Portrait Photographs

- William Page, undated
- 3 Henry Ward Beecher, 1874, undated
- 4 <u>Reuben E. Fenton, 1860-1875</u> (Oversized items housed in Box 9, sol)
- 5 Emma A. Fortuna, 1882, undated
- 6 Sophia Stevens Page (daughter), 1882, undated
- 7 William Page (grandson), 1889-1892, undated
- 8 Wendell Phillips, 1855-1865 (Oversized items housed in Box 9, sol)
- 9 Winfield Scott, 1862
- 10 B.Frank and Charlotte Stevens, 1882
- 11 <u>Henry Stevens, undated</u>





From Series 6: Photographs, 1845-1947, undated



## More About This Collection = Entire Finding Aid

🖻 Most Visited 🐢 Getting Started 🔝 Latest Headlines 🗋 Customize Links 🗋 Free Hotmail 🗋 Windows Marketplace 📄 Windows Media 🗋 Windows								
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Smithsonian Search Search Archives of American Art Advanced Search								
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Research Collections > Collections Online > William Page and Page family papers >

#### William Page And Page Family Papers, 1815-1947 bulk 1843-1892

View Collection More about this Collection

About Collections Online

#### About the William Page And Page Family Papers

All information on this page comes from A Finding Aid to the William Page and Page Family Papers, 1815-1947, bulk 1843-1892, in the Archives of American Art by Megan McShea. (Printable Version of Finding Aid: PDF, 116 KB 1)

Biographical Information | Overview of the Collection | How to Use the Collection



#### Biographical Information [+]

The painter William Page was born in 1811 in Albany, NY. He attended public schools in New York City, and after working briefly in the law firm of Frederick de Peyster, was placed in the studio of the painter/engraver James Herring in 1825, where he received his first formal art training. He took classes at the National Academy of Design the year it was formed, in 1826, under Samuel F.B. Morse, and in 1827 he was awarded one of the National Academy's first annual student prizes. <u>READ MORE</u>

<u>Return to top</u>

#### **Overview of the Collection**

# **Equipment and Scanning Details**

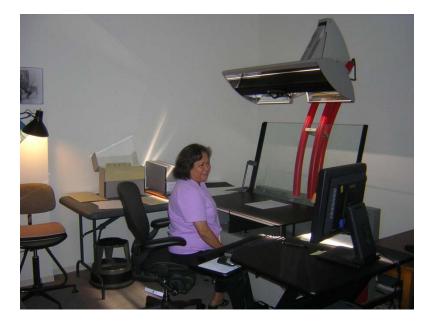


### 50+ Years of Microfilming Supports Large-Scale Digitization

Microfilming with Zeutschel microfilm camera, 2002



## Scanning with Zeutschel 10000AI Scanner, 2005



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<u>SH</u>	C	Collections Online Workflow Progress         Any tasks that have been crossed out have been completed. The resource is available to the public once all tasks are completed.         1.       Archivist-uploads new XML File to Finding Aid Repository (Completed by Erin Corley on 3/19/09 11:02 AM Redo )         2.       Supervisor approves XML Finding Aid (Completed by Barbara Aikens on 1/22/09 09:00 AM Undo )         3.       Cataloger provides index terms; archivist adds to XML File (Completed by Erin Corley on 3/18/09 03:01 PM Undo )         4.       Second supervisor approves XML Finding Aid         5.       Create Image Directory / Begin Scanning         6.       Finished Scanning         7.       Process Images         8.       Deploy Images to Staging server         9.       Archivist Reviews Collection Online on aaasite.si.edu									
	( <u>SH</u>	<ol> <li>Archivist reports errors to be corrected</li> <li>Archivist confirms errors have been corrected and approves Collection Online</li> <li>Supervisor deploys XML file, HTML file, and Collection Online to Web</li> <li>Supervisor verifies many an Web site (Collections Online, Col. 4, 7, 9, 5inding, 4ids), patifies atoff.</li> </ol>									
		<ol> <li><u>Supervisor verifies pages on Web site (Collections Online, Col. A-Z, &amp; Finding Aids), notifies staff</u></li> <li><u>Cataloger Updates Smithsonian Institution Research Information System (SIRIS)</u></li> </ol>									

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# Findings/next steps

- Collections Online has increased no. of visits to the Archives' website and is the most popular link from the homepage
- Digitization funding is supporting processing and creation and management of finding aids
- Out-sourcing and/or scan on demand digitization is possible
- Flexible programming provides web 2.0 potential
- Requires web development team, new skills, Usability studies
- Standards based approach can lead to opensource development (Archivists Toolkit)

## For more information

- Karen Weiss <u>weissk@si.edu</u>
- Barbara Aikens <u>aikensb@si.edu</u>
- AAA website: <u>http://www.aaa.si.edu</u>
- Collections Online: <u>http://www.aaa.si.edu/collectionsonline</u>