# Automating Complex EAD Finding Aids for the National Death Penalty Archives

### The Problem:

- Data entry interface familiar to Student Assistants
- Consistently Replicate Local EAD Usage
- No Variation Among Finding Aids
- Unitized and Portable
- Not dependent on Project Archivist

### The Solution:

- Microsoft Excel Spreadsheet mapped to internal XML schema
- Python GUI application that encodes new data matching the structure of a local EAD file
- Application reads a local EAD file and matches tag usage
- Produces EAD file consistent with local practices and a flat HTML file for simple online display
- 100% automated, no hand-coding or XML experience required

### EADMachine features:

- Data-Entry using Microsoft Excel template
- Comments from the EAD tag library and formatting promote robust and consistent metadata
- Macro reads italicized and bold text and inserts <emph> tags
- Formula automates customizable unique identifiers at every level
- Make use of Excel features like spellcheck, find and replace, etc.
- 100% native XML behind the scenes
- Uses an EAD Template to match local tag and attribute usage
- Use a default template or your own local EAD file
- Made small customizations by adding or changing elements or attributes within the EAD template
- Uses automated and customizable unique ID system
- Encode unique IDs at every level
- Not container-dependent
- Supports both EAD2002 and EAD3, a near-full implementation
- Includes new <control> elements, including refined revision and maintenance elements
- Includes experimental <relations> element
- Adds all complex elements at any level
- Automatically produces a flat HTML finding aid
- Produces text files that are easily inspected and edited
- Complies to C to be run on any Windows Machine as .exe application
- Runs entirely on Windows desktop, no server required
- Free and open-source GNU-GPL license





Simply save your complete EAD XML file

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## Simple Data Entry with Excel Template:

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eet EAD2002 to EAD3	
ut there is no <origination> tag in your EAD template, would is collection?</origination>	^
heet and follow UAlbany's local formatting for the	
at the file level?	Е
html> file for this collection?	
Create EAD	-

ognizes EAD2002 and EAD3
questions
to create a flat HTML file

adcbs6-sul mw 6-14.xsl"?>
adobs0-sui_mm_0-14.851 :/
rencoding="iso3166-1" dateencoding="iso8601" findaidstatus="new" langencoding " url="">APAP-313
ECONCILIATION RECORDS (APAP-313) "inclusive">1977-2007
tment of Special Collections and Archives
<pre>wenue / Albany, New York 12222</pre>
ation"> 2015 By the University at Albany, SUNY. All rights reserved.

• EAD can be opened and examined for quality

EADMac				
le Help		7		
Spreadshe	eet to EAD	EAD to Spreadsheet	EAD2002 to EAD3	 
1	Creating	EAD file		×
	Writir	ng <archdesc> elemer</archdesc>	ts to lower levels	
l				

S C . ( S file:///C:/Users/Greg/Desktop/Dbox/Dropbox/EAD Machine	Project/EADMachine/apap313.html	∀ C ] Q Search			
Table Of Contents <u>Descriptive Summary</u> Biographical Sketch		EADMachine			
Scope and Content Information Arrangement of the Collection Restrictions	Murder Victims' Families for Reconciliation Records, 1977-2007				
Subject and Genre Headings Administrative Information Series 1: Administrative Files 1977-2005, Undated Series 2: Correspondence 1994-2005, Undated	ve Summary				
Series 2: Correspondence 1554-2005, Churted Series 3: Outreach and Publications 1994-2004, Undated		Murder Victims' Families for Reconciliation Records			
Series 4: Events 1992-2003, Undated Date:		1977-2007			
Series 5: Subject Files 1981-2007, Undated Physical C	haracteristics:	13.5 cubic ft.			
Abstract:		The Murder Victims Families for Reconciliation Records document the organizations efforts to abolish the death penalty members of both homicide victims and those executed as well as their respective supporter. Included in the collection ar pamphlets, brochures, booklets, programs, information packets, photographs, flyers, proofs, drafts, manuscripts, corresp schedules, meeting agenda, meeting minutes, meeting summaries, by-laws, manuals, checklists, worksheets, evaluation summaries, budgets, contracts, court proceedings, legislative bills, amici curiae, memorabilia, audio/video materials.			
Storage:		The materials are located onsite in the department.			
Language:		The materials in the collection are in English English			
Repository	:	M. E. Grenander Department of Special Collections and Archives, University at Albany, SUNY			
In 1976 strategy person during membe	One member of this committee, lly knew what it was like to be a he murder trial which caused the rs of Amnesty International agree	rt voted to allow the reinstatement of the death penalty. Members of Amnesty Internationals Death Penalty Committee immediately re Marie Deans, felt like the committee was almost entirely focused on people on death row, little mention was made about the feelings finally member of a murder vicini, her mother-in-law, Penny Deans, had been kulled in 1972 by an escaped convict. The Deans family m to be harshly criticized by their community. Based on her own experience, Marie began to talk about the experience of the vicitm at d that vicitms voices needed to be heard and decided to launch a national group that would allow murder vicitms to share their opposi der Vicitms Families Aeanist the Death Penalty was formed. The small, loose-kuting troup market their mission to speak about the need			

• Can create basic HTML page for simple and straightforward finding aid display on the web

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ID Container Typ	Cont. #		Unit #	Unit Title	Date1	Date1Normal	Date2	Date2Normal	Date3	Date
Box	1	Folder	31	Election Reports and Recommendations	Undated	1977/2007				
Box	1	Folder	32	Employee Evaluation [Restricted]	2004					
		Zip-Disk	1	Eudora Mail Folder (email)	2000 August 16	2000-08-16	Undated	1977/2007		
		Zip-Disk	2	Eudora Mail Folder (email)	Undated	1977/2007				
Box	1	Folder	33	Executive Director Candidates	1998		Undated	1977/2007		
Box	1	Folder	34	Executive Director Evaluation Form	Undated	1977/2007				
Box	1	Folder	35	Executive Direct Reports	2003		Undated	1977/2007		
Box	1	Folder	36	Financial Review	2004					
Box	1	Folder	37	Financial Statements	2000-2003	2000/2003				
Box	1	Folder	38	Financial Summaries	1999		2000			
Box	1	Folder	39	Financial transaction Reports	2003					
Box	1	Folder	40	Fundraising Committee	Undated	1977/2007				
Box	1	Folder	41	Fundraising Letters	Undated	1977/2007				
Box	1	Folder	42	Grants	1994		2005		Undated	197
		Floppy-Disk	7	Grant - Rubin and Ottinger	Undated	1977/2007				
		Floppy-Disk		Grant and Volunteer files	Undated	1977/2007				
		Floppy-Disk	9	Grant, Volunteer, and Meetings	1999		Undated	1977/2007		
Box	1		43	Income Tax	2003					
Box	1	Folder	44	Injury Notice	Undated	1977/2007				
Box	1	Folder	45	Investment Reserves	Undated	1977/2007				
Box	1	Folder	46	Internship Opportunities	Undated	1977/2007				
Box	1	Folder	47	Itemized Financial Reports	1998-1999	1998/1999				
Box	1	Folder	48	Jesuit Volunteer Corps Interns [Restricted]	2002-2004	2002/2004	Undated	1977/2007		
Box	1	Folder	49	Jesuit Volunteer Corps Volunteer Program	1999-2000	1999/2000	2002-2003	2002/2003	Undated	197
Box	1	Folder	50	Job Descriptions	1995		1997-1999	1997/1999	2004	
Box	1	Folder	51	Liability Insurance	1998					
Box	1	Folder	52	List of Board and Committee Members	Undated	1977/2007				
		Floppy-Disk	10	LLL Database	Undated	1977/2007				
			3	Liz Backup	2001		2002		1999 March 8	199
			4	Liz Biz DB Backup (June 21st)						
Box	1		53	Massachusetts Foreign Corporation Annual	2001		Undated	1977/2007		
Box	1	Folder	54	Massachusetts Public Charities Registration	1992		1995		1999-2000	199
Box	1		55	Massachusetts Unemployment Insurance	2005		Undated	1977/2007		
Box	1	Folder	56	Member Questionnaire	1997					
Box	1	Folder	57	Membership Committee	1997		Undated	1977/2007		
Box	1	Folder	58	Merrill Lynch Account Reports and Changes [Restricted]	2002-2003	2002/2003	Undated	1977/2007		
Box	1		59	Mission Statement	Undated	1977/2007				
	1		60	Murder Victims' Families for Reconciliation Budget for Unified Abolition Strategy	Undated	1977/2007				
Box	1		61	Notes	Undated	1977/2007				
	1		62	Notes on Paperwork needed for Audit	Undated	1977/2007				
	1		63	Office Space Memo	2001					
Collection Info				e Notes / Containers Administrative Files / Correspondence / Outreach and Publications / Events /						

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