MARCXML and EAD Import/Export Maps for ArchivesSpace		
This Google sheet is derived from the original Excel workbook with the following import/export maps:		Last updated:
1. MARCXML to ArchivesSpace		See individual fields for last reviewed date
2. ArchivesSpace to MARCXML		July 15, 2013
3. EAD to ArchivesSpace		See individual fields for last reviewed date
4. ArchivesSpace to EAD2002		8/31/2013
5. ArchivesSpace to EAD3		10/30/2017
See metadata standards wiki page for more information:		
https://archivesspace.atlassian.net/wiki/spaces/AC/pages/941588554/Import+export+mapping+review+process		

Import Mapping for Resources from MARCXML to ArchivesSpace

This spreadsheet represents current state as of June 15, 2021. For suggestions or revisions, please contact the Metadata Standards Subteam.

MARC Datafields				Processing / Formatting Directions	ArchivesSpace Properties		Core mapping?	Repeatable?	DACS mapping	Ticket submitted? (name, date, ticket number)
Tag	ind1	ind2	Subfield code		Object	Property				
Not Imported				*If a field or subfield does not appear in this spreadsheet, it may not be imported into ArchivesSpace. Implementers using these fields should check imports carefully and may need to create a custom import.*						
Import Mappings										
008 - Fixed-Length Data Elements							yes	no		
				The 008 is a string of values derived from the fixed fields of the MARC record. Each fixed field value has a zero-indexed absolute position on in the string. Positions 0-5 represent the date the record was created. Position 6 is a single alpha character representing the date type. Positions 7-14 represent the date information (two four digit dates in most cases). Positions 35-37 represent a three-letter language code taken from the MARC Code List for Languages. Three fill characters ('|||' or 3 spaces) may be used if no attempt was made to code the language. For example, given the 008 string: `880812s1967  xxu  eng d` This represents a single date with the year 1967 and a resource in English (code 'eng').						
			position 6	If position 6 = 'r', date.date_type is "inclusive" If position 6 = 'k', date.date_type is "bulk" If position 6 = 's', date.date_type is "single"	date	date_type				
			positions 7-10		date	begin				
			positions 11-14		date	end				
			positions 35-37		resource	language				
040-Cataloging Source							yes	no	2.1.4 Repository identifier	
			$b		resource	finding_aid_description_rules				
			$e		resource	finding_aid_language				
090-Local							yes	no	2.1.3 Local identifier	
				If field = 090, add to id_0 if no id_0 is present. Else ignore. There are three fields that can map as identifiers priviledged in the following order: 852, 090, 099, meaning a value found in an 852 will be used over any values in 090 or 099; if there is no 852, any value in a 090 is priviledged over any value in a 099. Any values in any fields that are not the priviledged field will be ignored. If there are no values in any of those fields, ASpace will generate a random UUID. This field, 090, is the second preference: if there is a value in 090 but no value in 852, all subfields are concantenated and map to id_0; otherwise any value in 090 is dropped.	resource	id_0				
099-Local							yes	no	2.1.3 Local identifier	
				If field = 099, add to id_0 if no id_0 is present. Else ignore. There are three fields that can map as identifiers priviledged in the following order: 852, 090, 099, meaning a value found in an 852 will be used over any values in 090 or 099; if there is no 852, any value in a 090 is priviledged over any value in a 099. Any values in any fields that are not the priviledged field will be ignored. If there are no values in any of those fields, ASpace will generate a random UUID. This field, 099, is the third preference: If there is a value in 099 but no value in 852 or 090, all subfields are concantenated and map to id_0; otherwise any value in 099 is dropped.	resource	id_0				
100 | 600 | 700 - Personal Names				All Agents are set to publish upon ingest.			yes	yes	2.6 Name of Creator	
				If field = 600	agent	role = 'subject'				
				If field = 100 | 700 AND either $e relator term if relator and a translation is available OR $4 relator code/key value of relator is relator	agent	role = 'source'				
				ELSE	agent	role = 'creator'				
	0			If indicator 1 = 0	agent name_person	agent_type = 'agent_person' name_order = 'direct'				
	1			If indicator 1 = 1	agent name_person	agent_type = 'agent_person' name_order = 'indirect'				
	3			If indicator 1 = 3	agent	agent_type = 'agent_family'				
				If field = 100 | 700	name_family OR name_person	source = ingest				
				ELSE	name_family OR name_person	source = ingest				
		0 - Library of Congress Subject Headings		If 600 indicator 2 = 0	name_family OR name_person	source = lcsh				
		1 - LC subject headings for children's literature		If 600 indicator 2 = 1	name_family OR name_person	source = lcshac				
		2 - Medical Subject Headings		If 600 indicator 2 = 2	name_family OR name_person	source = mesh				
		3 - National Agricultural Library subject authority f		If 600 indicator 2 = 3	name_family OR name_person	source = nal				
		4 - Source not specified		If 600 indicator 2 = 4	name_family OR name_person	source = ingest				
		5 - Canadian Subject Headings		If 600 indicator 2 = 5	name_family OR name_person	source = cash				
		6 - Répertoire de vedettes-matière		If 600 indicator 2 = 6	name_family OR name_person	source = rvm				
		7 - Source specified in subfield $2		If 600 indicator 2 = 7	name_family OR name_person	source = [Value derived from $2]				
			$a	If indicator 1 = 3 [nameType = family]	name_family	family_name, trims comma if present				
				ELSE	name_person	If there is a comma present as a delimiter, value of $a is split into primary_name and rest_of_name; otherwise, primary_name				
			When conflating MARC subfield values into qualifiers:							
			1) follow the order of the MARC elements as listed in the sections below							
			2) translate the subfield into the designated label, e.g., $t equals 'Title of a work'							
			3) follow every label with a colon space space ': ' before the actual value, e.g., 'Title of a work: Moby Dick'							
			4) follow every value with a stop space space, e.g Title of a work: Moby Dick.							
				The following elements should be formatted in the family name qualifier field as follows (where the subfield delimitor represents and is to be replaced by the value in the subfield): Numeration--$b; Titles and other words associated with a name--$c; Fuller form of name--$q; Attribution--$j; Affiliation--$u; Title of a work--$t; Medium--$h; Medium of performance for music--$m; Date of a work--$f; Form subheading--$k; Language of a work--$l; Name of part / section of a work--$g; Number of part / section of a work--$n; Arranged statement for music--$o; Key for music--$r; Version--$s; Form subdivision for creator / source--$v; General subdivision--$x; Chronological subdivision--$y; Geographic subdivision--$z; Miscellaneous information--$g.						
			$b		name_person	number				
			$c	If indicator 1 = 3 [nameType = family]	name_family	qualifier, trims comma if present				
				ELSE	name_person	title				
			$d	If indicator 1 = 3 [nameType = family]	name_family	dates, trims : if present				
				ELSE	name_person	dates				
			$e	If field = 100 | 700 AND either $e relator term OR $4 relator code = Auctioneer (auc) | Bookseller (bsl) | Collector (col) | Depositor (dpt) | Donor (dnr) | Former owner (fmo) | Funder (fnd) | Owner (own)	agent	relator				
			$f		name_family OR name_person	qualifier -- 'Date of work: '				
			$g		name_family OR name_person	qualifier -- 'Miscellaneous information: '				
				The following elements should be formatted in the personal name qualifier field as follows (where the subfield delimitor represents and is to be replaced by the value in the subfield): Attribution--$j; Affiliation--$u; Title of a work--$t; Medium--$h; Medium of performance for music--$m; Date of a work--$f; Form subheading--$k; Language of a work--$l; Name of part / section of a work--$g; Number of part / section of a work--$n; Arranged statement for music--$o; Key for music--$r; Version--$s; Form subdivision--$v; General subdivision--$x; Chronological subdivision--$y; Geographic subdivision--$z; Miscellaneous information--$g.						
			$h		name_person	qualifier -- 'Medium: '				
			$j		name_person	qualifier -- 'Attribution qualifier -- '				
			$k		name_person	qualifier -- 'Form subheading: '				
			$l		name_person	qualifier -- 'Language of a work: '				
			$m		name_person	qualifier -- 'Medium of performance for music: '				
			$n		name_person	qualifier -- 'Number of part/section of a work: '				
			$o		name_person	qualifier -- 'Arranged statement for music: '				
			$p		name_person	qualifier -- 'Name of a part/section of a work: '				
			$q		name_person	fuller_form, trims comma if present				
			$r		name_family OR name_person	qualifier -- 'Key for music: '				
			$s		name_family OR name_person	qualifier -- 'Version: '				
			$t		name_family OR name_person	qualifier -- 'Title of work: '				
			$u		name_family OR name_person	qualifier -- 'Affiliation: '				
			$v	If field = 100 OR 700	name_family OR name_person	qualifier -- 'Form subdivision: '				
				ELSE IF 600	agent	terms[].term				
					agent	terms[].type = genreform				
			$x	If field = 100 OR 700	name_family OR name_person	qualifier -- 'General subdivision: '				
				ELSE IF 600	agent	terms[].term				
					agent	terms[].type = topical				
			$y	If field = 100 OR 700	name_family OR name_person	qualifier -- 'Chronological subdivision: '				
				ELSE IF 600	agent	terms[].term				
					agent	terms[].type = temporal				
			$z	If field = 100 OR 700	name_family OR name_person	qualifier -- 'Geographic subdivision: '				
				ELSE IF 600	agent	terms[].term				
					agent	terms[].type = temporal				
			$4	If $e = NULL	agent	relator				
				ELSE, omit $4						
110 | 610 | 710 - Corporate Names							yes	yes	2.6 Name of Creator	
					agent	agent_type = 'agent_corporate_entity'				
				If field = 110 | 710	name_corporate_entity	source = ingest				
				ELSE	name_corporate_entity	source = ingest				
		0 - Library of Congress Subject Headings		If 610 indicator 2 = 0	name_corporate_entity	source = lcsh				
		1 - LC subject headings for children's literature		If 610 indicator 2 = 1	name_corporate_entity	source = lcshac				
		2 - Medical Subject Headings		If 610 indicator 2 = 2	name_corporate_entity	source = mesh				
		3 - National Agricultural Library subject authority f		If 610 indicator 2 = 3	name_corporate_entity	source = nal				
		4 - Source not specified		If 610 indicator 2 = 4	name_corporate_entity	source = ingest				
		5 - Canadian Subject Headings		If 610 indicator 2 = 5	name_corporate_entity	source = cash				
		6 - Répertoire de vedettes-matière		If 610 indicator 2 = 6	name_corporate_entity	source = rvm				
		7 - Source specified in subfield $2		If 610 indicator 2 = 7	name_corporate_entity	source = [Value derived from $2]				
				If field = 610	agent	role = 'subject'				
				If field = 110 | 710 AND either $e relator term OR $4 relator code = Auctioneer (auc) | Bookseller (bsl) | Collector (col) | Depositor (dpt) | Donor (dnr) | Former owner (fmo) | Funder (fnd) | Owner (own)	agent	role = 'source'				
				ELSE	agent	role = 'creator'				
				The formatting for the subelements in the corporate name qualifier field should be: Affiliation--$u, Location of meeting--$c; Date of meeting--$d; Title of work--$t; Medium--$h; Medium of performance for music--$m; Date of work--$f; Form subheading--$k; Language of work--$l; Name of part / section of work--$g; Arranged statement for music--$o; Key for music--$r; Version--$s; Form subdivision--$v; General subdivision--$x; Chronological subdivision--$y; Geographic subdivision--$z; Miscellaneous--$g.						
			$a		name_corporate_entity	primary_name, trims period if present				
			$b	First $b should go into subordinate_name_1	name_corporate_entity	subordinate_name_1				

				Second $b should go into subordinate_name 2. If more than 2 subfield b's, the third and fourth $b get appended to subordinate_name_2; any more than four $b (ex. a fifth and beyond) are not handled.	name_corporate_entity	subordinate_name_2			
			$c		name_corporate_entity	qualifier -- 'Location of meeting: '			
			$d		name_corporate_entity	qualifier -- 'Date of meeting or treaty signing: '			
			$e		agent	relator			
			$f		name_corporate_entity	qualifier -- 'Date of work: '			
			$g		name_corporate_entity	qualifier -- 'Miscellaneous information: '			
			$h		name_corporate_entity	qualifier -- 'Medium: '			
			$k		name_corporate_entity	qualifier -- 'Form subheading: '			
			$l		name_corporate_entity	qualifier -- 'Language of a work: '			
			$m		name_corporate_entity	qualifier -- 'Medium of performance for music: '			
			$n		name_corporate_entity	corporateNumber, trims punctuation if present			
			$o		name_corporate_entity	qualifier -- 'Arranged statement for music: '			
			$p		name_corporate_entity	qualifier -- 'Name of a part/section of a work: '			
			$r		name_corporate_entity	qualifier -- 'Key for music: '			
			$s		name_corporate_entity	qualifier -- 'Version: '			
			$t		name_corporate_entity	qualifier -- 'Title of a work: '			
			$u		name_corporate_entity	qualifier -- 'Affiliation: '			
			$v	If field = 110 OR 710	name_corporate_entity	qualifier -- 'Form subdivision: '			
				ELSE IF 610	agent	terms[].term			
					agent	terms[].type = genreform			
			$x	If field = 110 OR 710	name_corporate_entity	qualifier -- 'General subdivision: '			
				ELSE IF 610	agent	terms[].term			
					agent	terms[].type = topical			
			$y	If field = 110 OR 710	name_corporate_entity	qualifier -- 'Chronological subdivision: '			
				ELSE IF 610	agent	terms[].term			
					agent	terms[].type = temporal			
			$z	If field = 110 OR 710	name_corporate_entity	qualifier -- 'Geographic subdivision: '			
				ELSE IF 610	agent	terms[].term			
					agent	terms[].type = temporal			
			$4	If $e has a value, omit $4					
				ELSE	agent	relator			
111 | 611 | 711 - Meeting Name							yes	yes	2.6 Name of Creator
					agent	agent_type = 'corporate_entity'			
	1			If indicator 1 = 1, Jurisdiction name boolean is checked (as of 3.2.0; not supported prior)					
				If field = 611	agent	role = 'subject'			
				If field = 111 | 711 AND either $e OR $4 relator code = Auctioneer (auc) | Bookseller (bsl) | Collector (col) | Depositor (dpt) | Donor (dnr) | Former owner (fmo) | Funder (fnd) | Owner (own)	agent	role = 'source'			
				ELSE	agent	role = 'creator'			
				If field = 111 | 711	name_corporate_entity	source = ingest			
				ELSE	name_corporate_entity	source = ingest			
		0 - Library of Congress Subject Headings		If 611 indicator 2 = 0	name_corporate_entity	source = lcsh			
		1 - LC subject headings for children's literature		If 611 indicator 2 = 1	name_corporate_entity	source = lcshac			
		2 - Medical Subject Headings		If 611 indicator 2 = 2	name_corporate_entity	source = mesh			
		3 - National Agricultural Library subject authority f		If 611 indicator 2 = 3	name_corporate_entity	source = nal			
		4 - Source not specified		If 611 indicator 2 = 4	name_corporate_entity	source = ingest			
		5 - Canadian Subject Headings		If 611 indicator 2 = 5	name_corporate_entity	source = cash			
		6 - Répertoire de vedettes-matière		If 611 indicator 2 = 6	name_corporate_entity	source = rvm			
		7 - Source specified in subfield $2		If 611 indicator 2 = 7	name_corporate_entity	source = [Value derived from $2]			
				The formatting for the subelements in the corporate name qualifier field should be: Affiliation--$u, Location of meeting--$c; Date of meeting--$d; Title of work--$t; Medium--$h; Date of work--$f; Form subheading--$k; Language of work--$l; Name of part / section of work--$p; Version--$s; Form subdivision--$v; General subdivision--$x; Chronological subdivision--$y; Geographic subdivision--$z; Miscellaneous--$g.					
			$a		name_corporate_entity	primary_name			
			$c	Has not changed for AS 3.0+	name_corporate_entity	qualifier -- 'Location of meeting: '			
			$d		name_corporate_entity	qualifier -- 'Date of meeting or treaty signing: '			
			$e	First $e should go into subordinate_name_1	name_corporate_entity	subordinate_name_1			
				Second $e should go into subordinate_name 2. If more than 2 subfield e's, the third and fourth $e get appended to subordinate_name_2; any more than four $e (ex. a fifth and beyond) are not handled.	name_corporate_entity	subordinate_name_2			
			$f		name_corporate_entity	qualifier -- 'Date of a work: '			
			$g		name_corporate_entity	qualifier -- 'Miscellaneous information: '			
			$h		name_corporate_entity	qualifier -- 'Medium: '			
			$k		name_corporate_entity	qualifier -- 'Form subheading: '			
			$l		name_corporate_entity	qualifier -- 'Language of a work: '			
			$o		name_corporate_entity	qualifier -- 'Arranged statement for music: '			
			$n		name_corporate_entity	number, trims punctuation if present			
			$p		name_corporate_entity	qualifier -- 'Name of a part / section of a work: '			
			$q	Not handled	name_corporate_entity	qualifier -- 'Name of meeting following jurisdiction name entry element: '			
			$s		name_corporate_entity	qualifier -- 'Version: '			
			$t		name_corporate_entity	qualifier -- 'Title of a work: '			
			$u		name_corporate_entity	qualifier -- 'Affiliation: '			
			$v	If field = 111 OR 711	name_corporate_entity	qualifier -- 'Form subdivision: '			
				ELSE IF 611	agent	terms[].term			
					agent	terms[].type = genreform			
			$x	If field = 111 OR 711	name_corporate_entity	qualifier -- 'General subdivision: '			
				ELSE IF 611	agent	terms[].term			
					agent	terms[].type = topical			
			$y	If field = 111 OR 711	name_corporate_entity	qualifier -- 'Chronological subdivision: '			
				ELSE IF 611	agent	terms[].term			
					agent	terms[].type = temporal			
			$z	If field = 111 OR 711	name_corporate_entity	qualifier -- 'Geographic subdivision: '			
				ELSE IF 611	agent	terms[].term			
					agent	terms[].type = temporal			
			$4		agent	role			
130 | 730 - Uniform Title							no	yes	2.6 Name of Creator?
210 - Abbreviated Title							no	yes	
			$a	FORMAT as: $a : $b ($2)	note_multipart	content			
			$b			note_type = 'odd'			
			$2			label = 'Abbreviated Title'			
				If 245 = NULL AND 240 = NULL AND 222 = NULL	resource	title			
				ELSE throw error 'Record must contain a 245, 240, 222, or 210 field'					
222 - Key Title							no		
			$a	FORMAT as: $a : $b ($2)	note_multipart	content			
			$b			note_type = 'odd'			
			$2			label = 'Abbreviated Title'			
				If 245 = NULL AND 240 = NULL	resource	title			
				ELSE throw error 'Record must contain a 245, 240, 222, or 210 field'					
240 - Uniform Title							yes	no	
			$a	FORMAT as: $a (Date of treaty signing—$d; Date of work—$f; Medium—$h; Language—$l; Medium of performance—$m value; Arranged statement of performance—$o; Name of part / section—$p; Number of part / section—$n; Key for music— $r; Version—$s; Form subdivision—$k; Miscellaneous—$g)	note_multipart	content			
			$d			note_type = 'odd'			
			$f			label = 'Uniform Title'			
			$g						
			$h						
			$k						
			$l						
			$m						
			$n						
			$o						
			$p						
			$r						
			$s						
				If 245 = NULL	resource	title			
				ELSE throw error 'Record must contain a 245, 240, 222, or 210 field'					
242 - Translation of Title by Cataloging Agency							no		
			$a	FORMAT as: $a : $b [$h] $n , $p , $y) / $c	note_multipart	content			
			$b			note_type = 'odd'			
			$c			label = 'Translation of Title'			
			$h						
			$n						
			$p						
			$y						
245 - Title Statement							yes	no	2.3 Title
			$a	FORMAT as: $a : $b [$h] $k , $n , $p , $s / $c	resource	title			
			$b						
			$c						
			$h						
			$k						
			$n						
			$p						
			$s						
			$f	If $g = NULL, FORMAT as 'YYYY' if single date or 'YYYY-YYYY' if inclusive date	date	expression			2.4 Date
			$g	If $f is NULL, FORMAT as 'YYYY-YYYY'	date	expression			
				If $f AND $g are present, format as 'YYYY-YYYY,' 'YYYY-YYYY'	date	expression			
246 - Varying Form of Title							no		
			$a	FORMAT as: $a : $b [$h] $f , $n $p , $g)	note_multipart	content			
			$b			note_type = 'odd'			
			$f						
			$g						
			$h						
			$n						
			$p						
		0 - Portion of title		If indicator 2 = 0	note_multipart	label = 'Portion of title'			
		1 - Parallel title		If indicator 2 = 1	note_multipart	label = Parallel title			
		2 - Distinctive title		If indicator 2 = 2	note_multipart	label = Distinctive title			
		3 - Other title		If indicator 2 = 3	note_multipart	label = Other title			
		4 - Cover title		If indicator 2 = 4	note_multipart	label = Cover title			
		5 - Added title page title		If indicator 2 = 5	note_multipart	label = Added title page title			
		6 - Caption title		If indicator 2 = 6	note_multipart	label = Caption title			
		7 - Running title		If indicator 2 = 7	note_multipart	label = Running title			
		8 - Spine title		If indicator 2 = 8	note_multipart	label = Spine title			

250 - Edition Statement							no			
			$a $b	FORMAT as: $a / $b	note_multipart	content note_type = 'odd' label = Edition Statement				
254 - Musical Presentation Statement							no			
			$a		note_multipart	content note_type = 'odd' label = Musical Presentation Statement				
255 - Cartographic Mathematical Data							no			
			$a $b $c $d $e $f $g	FORMAT as: Statement of scale--$a; Statement of projection--$b; Statement of coordinates--$c; Statement of zone--$d; Statement of equinox--$e; Ourter G-ring coordinate pairs--$f; ExclusionG-ring coordinate pairs--$g.	note_multipart	content note_type = 'odd' label = Mathematical map data				
256 - Computer File Characteristics							no			
			$a		note_singlepart	content note_type = 'physdesc' label = Computer file Characteristics				
257 - Country of Producing Entity							no			
			$a		note_multipart	content note_type = 'odd' label = Country of Producing Entity for Archival Films				
258 - Philatelic Issue Data							no			
			$a $b	FORMAT as: $a, $b.	note_multipart	content note_type = 'odd' label = Stamp description				
260 - Publication, Distribution, etc. (Imprint)							yes	yes	2.4 Date?	
			$c		note_multipart	note_type = 'odd' noteType = General Note label = Publication Date				
				IF 245 $f = NULL AND $g = NULL	date	label = publication type = single				
264 - Production, Publication, Distribution, Manufacture and Copyright Notice							yes	yes	2.4 Date	https://archivesspace.atlassian.net/browse/ANW-1565
		0	$c	IF 245 $f = NULL AND $g = NULL AND 260 $c = NULL	date	label = publication type = single				
300 - Physical Description							yes	no	2.5 Extent	https://archivesspace.atlassian.net/browse/ANW-1260
				This field is under review by the Metadata Standards subcommittee. Implementers should import this field at their own risk as behavior may not be correctly documented below.						
			$a $b $c $e $f $g $3	FORMAT as: $3: $a ; $b, $c ($e, $f, $g)	extent	container_summary				
				IF more than one 300 is present, then additional extent records						
306 - Playing Time							no			
			$a		note_singlepart	content note_type = 'physdesc' label = Playing Time				
336 - Content Type							no		4.2 Physical Access; 4.3 Technical Access	
337 - Media Type									**Decided these just fields for export, not import**	
338 - Carrier Type										
340 - Physical Medium							yes	yes	4.2 Physical Access; 4.3 Technical Access	
			$a $b $c $d $e $f $h $i $3	FORMAT as: $3: Material base and configuration--$a; Dimensions--$b; Materials applied to surface--$c; Information recording technique--$d; Support--$e, Production rate / ratio--$f, Location within medium--$h, Technical specifications of medium--$i	note_multipart	content note_type = 'phystech' label = Physical Medium				
342 - Geospatial Reference Data							no			
			$a $b $c $d $e $f $g $h $i $j $k $l $m $n $o $p $q $r $s $t $u $v $w $2	FORMAT note as: Name--$a; Coordinate or distance units--$b; Latitude resolution--$c; Longitude resolution--$d; Standard parallel or oblique latitude--$e; Oblique line longitude--$f; Longitude of central meridian or projection center--$g; Latitude of projection origin or projection center--$h; False easting--$i; False northing--$j; Scale factor--$k; Height of perspective point above surface--$l; Azimuthal angle--$m; Azimuth measure point longitude or straight vertical longitude from pole--$n; Landsat number and path number--$o; Zone identifier--$p; Ellipsoid name--$q; Semi-major axis--$r; Denominator of flattening ratio--$s; Vertical resolution--$t; Vertical encoding method--$u; Local planar, local, or other projection or grid description--$v; Local planar or local georeference information--$w; Reference method used--$2	note_multipart	content note_type = 'odd'				
				DERIVE note title from values of indicator 1 & 2. Separate text derived from indicator 1 from that drived from indicator 2 with a double hyphen "--".	note_multipart	label = Geospatial Reference Dimension:				
	0 - Horizontal coordinate system					Horizontal coordinate system				
	1 - Vertical coordinate system			IF indicator 1 = 1		Vertical coordinate system				
		0 - Geographic		IF indicator 2 = 0		Geographic				
		1 - Map projection		IF indicator 2 = 1		Map projection				
		2 - Grid coordinate system		IF indicator 2 = 2		Grid coordinate system				
		3 - Local planar		IF indicator 2 = 3		Local planar				
		4 - Local		IF indicator 2 = 4		Local				
		5 - Geodetic model		IF indicator 2 = 5		Geodetic model				
		6 - Altitude		IF indicator 2 = 6		Altitude				
		7 - Method specified in $2		IF indicator 2 = 7		value of $2				
		8 - Depth		IF indicator 2 = 8		Depth				
343 - Planar Coordinate Data							no			
				This field is under review by the Metadata Standards subcommittee. Implementers should import this field at their own risk as behavior may not be correctly documented below.						
			$a $b $c $d $e $f $g $h $i	FORMAT as: Planar coordinate encoding method--$a; Planar distance units--$b; Abscissa resolution--$c; Ordinate resolution--$d; distance resolution--$e; Bearing resolution--$f; Bearing units--$g; Bearing reference direction--$h; Bearing reference meridian--$i.	note_singlepart	content note_type = 'physdesc' label = Planar Surface Coordinate System				
351 - Organization and Arrangment of Materials							yes	yes	1 Level of Description; 3.2 System of Arrangment	
			$a $b $c $3	FORMAT as: $3: $a. $b. $c	note_multipart	content note_type = 'arrangement' label = Arrangement				
352 - Digital Graphic Representation							no			
			$a $b $c $d $e $f $g $i $q	FORMAT as: Direct reference method--$a; Object type--$b; Object count--$c; Row count--$d; Column count--$e; Vertical count--$f; VPF topology level--$g; Indirect reference description--$i; Format of the digital image--$q.	note_multipart	content note_type = 'phystech' label = Digital Graphic Representation				
355 - Security Classification Control							no			
	0 - Document									
	1 - Title									
	2 - Abstract									
	3 - Contents note									
	4 - Author									
	5 - Record									
	8 - Other element									
		9 - Undefined								
			$a $b $c $d $e $f	FORMAT as: Indicator 1 (Document | Title | Abstract | Contents note | Author | Record | Other element): Security classification--$a; Handling instructions--$b; External dissemination information--$c; Downgrading or declassification event--$d; Classification system--$e; Country of origin code--$f; Downgrading date--$h; Authorization--$j.	note_multipart	content note_type = 'accessrestrict' label = Security Classification Control				

			$g $h $j						
357 - Originator Dissemination Control							no		
			$a $b $c $g	FORMAT as: Originator control term--$a; Originating agency--$b; Authorized recipients of materials--$c; Other restrictions--$g	note_multipart	content note_type = 'accessrestrict' label = Originator Dissemination Control			
500 - GENERAL NOTE							yes	yes	7.1 Notes
			$a $3	FORMAT as: $3: $a	note_multipart	content note_type = 'odd'			
501 - WITH NOTE							no		
			$a		note_multipart	content note_type = 'odd' label = With Note			
502 - DISSERTATION NOTE							no		
			$a		note_multipart	content note_type = 'odd' label = Thesis / Dissertation Note			
504 - BIBLIOGRAPHY, ETC. NOTE							no		
			$a $b		note_bibliography	content label = Bibliographic References			
506 - RESTRICTIONS ON ACCESS NOTE							yes	yes	4.1 Conditions Governing Access; 4.2 Physical Access
			$a $b $c $d $e $u $3	FORMAT as: $3: $a, $b, $c, $d, $e, $u.	note_multipart	content note_type = 'accessrestrict' label = Restrictions on Access			
507 - SCALE NOTE FOR GRAPHIC MATERIAL							no		
			$a $b	FORMAT as: $a : $b	note_multipart	content note_type = 'odd' label = Scale Note for Graphic Material			
508 - CREATION/PRODUCTION CREDITS NOTE (R)							no		
			$a		note_multipart	content note_type = 'odd' label = Production Credits			
510 - CITATION/REFERENCES NOTE							no		
	First - Coverage/location in source								
	0 - Coverage unknown								
	1 - Coverage complete								
	2 - Coverage is selective								
	3 - Location in source not given								
	4 - Location in source given |								
		# - Undefined							
			$a $b $c $x $3	FORMAT as: Indicator 1 [Coverage unknown | coverage complete | Coverage is selective | Location in source not given | Location in source given]--$3: $a : $b : $c ($x)	note_bibliography	content label = Bibliographic References			
511 - PARTICIPANT OR PERFORMER NOTE							no		
			$a		note_multipart	content note_type = 'odd' label = Participants / Performers			
513 - TYPE OF REPORT AND PERIOD COVERED NOTE							no		
			$a $b	FORMAT as: $a ($b).	note_multipart	content note_type = 'scopecontent' label = Type of report			
514 - DATA QUALITY NOTE							no		
			$a $b $c $d $e $f $g $h $i $j $k $m $u $z	FORMAT as: $z: Attribute accuracy report--$a; Attribute accuracy value--$b; Attribute accuracy explanation--$c; Logical consistency report--$d; Completeness report--$e; Horizontal position accuracy report--$f; Horizontal position accuracy value--$g; Horizontal position accuracy explanation--$h; Vertical positional accuracy report--$i; Vertical positional accuracy value--$j; Vertical positional accuracy explanation--$k; Cloud cover--$m; Uniform Resource Identifier--$u.	note_multipart	content note_type = 'odd' label = Data quality			
518 - DATE/TIME AND PLACE OF AN EVENT NOTE							no		
			$a $3	FORMAT as: $3: $a.	note_multipart	content note_type = 'odd' label = Date and Time of Event			
520 - SUMMARY, ETC.							yes	yes	3.1 Scope and Content
			$a $b $u $3	FORMAT as: $3: $a. ($u) [line break] $b.	note_multipart	content note_type = 'scopecontent'			
	# - Summary			If indicator 1 = #	note_multipart	label = Summary			
	0 - Subject			If indicator 1 = 0	note_multipart	label = Subject			
	1 - Review			If indicator 1 = 1	note_multipart	label = Review			
	2 - Scope and content			If indicator 1 = 2	note_multipart	label = Scope and Content			
	3 - Abstract			If indicator 1 = 3	note_singlepart	note_type = 'abstract' label = Abstract			
	8 - No display constant generated			If indicator 1 = 8		do not map			
521 - TARGET AUDIENCE NOTE							no		
			$a $b $3	FORMAT as: $3: $a ($b).		content note_type = 'odd'			
	# - Audience			If indicator 1 = #	note_multipart	label = Audience			
	0 - Reading grade level			If indicator 1 = 0	note_multipart	label = Reading Grade Level			
	1 - Interest age level			If indicator 1 = 1	note_multipart	label = Interest Age Level			
	2 - Interest grade level			If indicator 1 = 2	note_multipart	label = Interest Grade Level			
	3 - Special audience characteristics			If indicator 1 = 3	note_multipart	label = Special Audience Characteristics			
	4 - Motivation interest level |			If indicator 1 = 4	note_multipart	label = Motivation Interest Level			
	8 - No display constant generated			If indicator 1 = 8		do not map			
522 - GEOGRAPHIC COVERAGE NOTE							no		
			$a		note_multipart	content note_type = 'odd' label = Geographic Coverage			
524 - PREFERRED CITATION OF DESCRIBED MATERIALS NOTE							yes	yes	2.2 Name and Location of Repository
			$a $2 $3	FORMAT as: $3: $a. $2.	note_multipart	content note_type = 'prefercite' label = Preferred Citation			
530 - ADDITIONAL PHYSICAL FORM AVAILABLE NOTE							yes	yes	6.2 Existence and Location of copies
			$a $b $c $d $u $3	FORMAT as: $3: $a. $b. $c. $d. ($u)	note_multipart	content note_type = 'altformavail' label = Alternate Form Available			
533 - REPRODUCTION NOTE							yes	yes	6.2 Existence and Location of Copies
			$a $b $c $d $e $f $m $n $3	FORMAT as: $3: Type of reproduction--$a; Place of reproduction--$b; Agency responsible for reproduction--$c: Date of reproduction--$d. Physical description of reproduction--$e. Series statement of reproduction--$f. Dates and / or sequential of issues reproduced--$m. Note about reproduction--$n.	note_multipart	content note_type = 'odd' label = Reproduction Note			
534 - ORIGINAL VERSION NOTE							no		
			$a $b $c $e $f	FORMAT as: $p: $a, $t, $k, $c ($b). $f. $e, $m. $n, $l: ($x), ($z).	note_multipart	content note_type = 'odd' label = Original Version Note			

			$k							
			$l							
			$m							
			$n							
			$p							
			$t							
			$x							
			$z							
S35 - LOCATION OF ORIGINALS/DUPLICATES NOTE							yes	yes	6.1 Existence and Location of Originals	
			$a	FORMAT as: Indicator 1 [Holder of originals	Holder of duplicates]: $3--$a. $b, $c. $d ($g).	note_multipart	content note_type = 'originalsloc' label = Location of Originals Note			
			$b							
			$c							
			$d							
			$g							
			$3							
	1 - Holder of originals									
	2 - Holder of duplicates									
S36 - FUNDING INFORMATION NOTE							no			
			$a	FORMAT as: Text of note--$a; Contract number--$b; Grant number--$c; Undifferentiated number--$d; Program element number--$f; Task number--$g; Work unit number--$h.		resource	finding_aid_sponsor			
			$b							
			$c							
			$d							
			$e							
			$f							
			$g							
			$h							
S38 - SYSTEM DETAILS NOTE							yes	yes	4.3 Technical Access	
			$a	FORMAT as: $3: $a ($u).		note_multipart	content note_type = 'phystech' label = System Details Note			
			$u							
			$3							
S40 - TERMS GOVERNING USE AND REPRODUCTION NOTE							yes	yes	4.4 Conditions Governing Reproduction and Use	
			$a	FORMAT as: $3: $a. $b. $c. $d ($u).		note_multipart	content note_type = 'userestrict' label = Terms Governing Use and Reproduction			
			$b							
			$c							
			$d							
			$u							
			$3							
S41 - IMMEDIATE SOURCE OF ACQUISITION NOTE							yes	yes	5.2 Immediate Source of Acquisition	
			$a	FORMAT as: #3: Source of acquisition--$a. Address--$b. Method of acquisition--$c; Date of acquisition--$d. Accession number--$e: Extent--$n; Type of unit--$o. Owner--$t Purchase price--$h.		note_multipart	content note_type = 'acqinfo' label = Immediate Source of Acquisition			
			$b							
			$c							
			$d							
			$e							
			$f							
			$h							
			$n							
			$o							
			$3							
	0 - Private			If indicator 1 = 0			internal = true			
				ELSE			internal = false			
S44 - LOCATION OF OTHER ARCHIVAL MATERIALS NOTE							yes	yes	6.3 Related Archival Materials	
			$a	FORMAT as: Indicator 1 [Associated Materials	Related Materials]--$3: Title--$t. Custodian--$a: Address--$b, Country--$c. Provenance--$e: Note--$n.	note_multipart	content note_type = 'relatedmaterial' label = Related Archival Materials			
			$b							
			$c							
			$d							
			$n							
			$3							
S45 - BIOGRAPHICAL OR HISTORICAL DATA							yes	no	2.7 Administrative/Biographical History	
			$a	FORMAT as: $a ($u). [Line break] $b.		note_multipart	content note_type = 'bioghist'			
			$b							
			$u							
	# - No information provided			If indicator 1 = #			do not map to label			
	0 - Biographical sketch			If indicator 1 = 0			label = Biographical Sketch			
	1 - Administrative history			If indicator 1 = 1			label = Administrative History			
S46 - LANGUAGE NOTE							yes	yes	4.5 Languages and Scripts of the Material	
			$a	FORMAT as: $3: $a ($b).		note_langmaterial	content note_type = 'langmaterial' label = Language of Material			
			$b							
			$3							
S55-FINDING AIDS							yes	yes	4.6 Finding Aids	https://archivespace.atlassian.net/browse/ANW-1566
			$a	FORMAT as: $a; $b; $c; $d; $u; $3		note_multipart	note_type="otherfindaid"			
			$b				label = Other Finding Aid			
			$c							
			$d							
			$u							
			$3							
S61 - OWNERSHIP AND CUSTODIAL HISTORY							yes	yes	5.1 Custodial History	
			$a	FORMAT as: $3: $a.		note_multipart	content			
			$3				note_type = 'custodhist' label = Ownership and Custodial History			
	0 - Private			If indicator 1 = 0			internal = true			
				ELSE			internal = false			
S62 - COPY AND VERSION IDENTIFICATION NOTE							Yes	yes	6.2 Existence and Location of Copies?	
			$a	FORMAT as: $3: Identifying markings--$a; Copy identification--$b; Version identification--$c; Presentation format--$d; Number of copies--$e.		note_multipart	content note_type = 'relatedmaterial' label = Copy and Version Identification			
			$b							
			$c							
			$d							
			$e							
			$3							
S63 - BINDING INFORMATION							no			
			$a	FORMAT as: $3: $a ($u).		note_multipart	content note_type = 'odd' label = Binding Information			
			$u							
			$3							
S65 - CASE FILE CHARACTERISTICS NOTE							no			
			$a	FORMAT as: $3: Number of cases / variables--$a; name of variable--$b; Unit of analysis--$c; Universe of data--$d; Filing scheme or code--$e.		note_singlepart	content note_type = 'materialspec' label = Case File Characteristics Note			
			$b							
			$c							
			$d							
			$e							
			$3							
S81 - PUBLICATIONS ABOUT DESCRIBED MATERIALS NOTE							yes	yes	6.4 Publication Note	
			$a	FORMAT as: $3: $a ($z).		note_bibliography	content label = Publications About Described Materials			
			$z							
			$3							
S83 - Action Note							yes	yes	5.3 Appraisal, Destruction, and Scheduling Information; 7.1.8 Processing Information	https://archivespace.atlassian.net/browse/ANW-1567
			$a	FORMAT as (if subfield exists): Action: $a--Action Identification: $b--Time/Date of Action: $c--Action interval: $d--Contingency for Action: $e--Authorization: $f--Jurisdiction: $h--Method of action: $i--Site of Action: $j--Action agent: $k--Status: $l--Extent: $n--Type of unit: $o--URI: $u--Non-public note: $x--Public note: $z--Materials specified: $3--Institution: $5		note_multipart	content note_type = 'processinfo' label = Processing Note			
			$b							
			$c							
			$d							
			$e							
			$f							
			$h							
			$i							
			$j							
			$k							
			$l							
			$n							
			$o							
			$u							
			$x							
			$z							
			$3							
			$5							
S84 - Accumulation and Frequency of use							yes	yes	5.4 Accruals	https://archivespace.atlassian.net/browse/ANW-1568
			$a	FORMAT as (if subfield exists): Accumulation: $a--Frequency of use: $b--Materials specified: $3--Institution: $5		note_multipart	content note_type = 'accruals' label = Accruals			
			$b							
			$3							
			$5							
S9X - LOCAL NOTES							no			
						note_multipart	content note_type = 'odd' label = Local Note			
630 - SUBJECT ADDED ENTRY--UNIFORM TITLE [1]							yes	yes		
				Each full tag entry corresponds to a new subject object. If the object/property combination is "term/term", this indicates that a new term should be added to the heading. Unless otherwise noted by the creation of a term of a different type, values of the different subfields should be concatenated with spaces.						
			$a			term term	term term_type = uniform_title			
			$d							
			$e							
			$f							
			$g							
			$h							
			$k							
			$l							
			$m							
			$n							

			$o							
			$p							
			$r							
			$s							
			$t							
			$v			term	term			
						term	term_type = genre_form			
			$x			term	term			
						term	term_type = topical			
			$y			term	term			
						term	term_type = temporal			
			$z			term	term			
						term	term_type = geographic			
			$3		ignore					
			$4		ignore					
			$2			subject	source			
	0-9 - Number of nonfiling characters									
		0 - Library of Congress Subject Headings			If indicator 2 = 0	subject	source = lcsh			
		1 - LC subject headings for children's literature			If indicator 2 = 1	subject	source = lcshac			
		2 - Medical Subject Headings			If indicator 2 = 2	subject	source = mesh			
		3 - National Agricultural Library subject authority f			If indicator 2 = 3	subject	source = nal			
		4 - Source not specified			If indicator 2 = 4	subject	source = ingest			
		5 - Canadian Subject Headings			If indicator 2 = 5	subject	source = cash			
		6 - Répertoire de vedettes-matière			If indicator 2 = 6	subject	source = rvm			
		7 - Source specified in subfield $2			If indicator 2 = 7	subject	source = [Value derived from $2]			
650 - SUBJECT ADDED ENTRY--TOPICAL TERM								yes	yes	
					Each full tag entry corresponds to a new subject object. If the object/property combination is "term/term", this indicates that a new term should be added to the heading.					
			$a			term	term			
						term	term_type = topical			
			$b			term	term			
						term	term_type = topical			
			$c			term	term			
						term	term_type = topical			
			$d			term	term			
						term	term_type = topical			
			$e		ignore					
			$v			term	term			
						term	term_type = genre_form			
			$x			term	term			
						term	term_type = topical			
			$y			term	term			
						term	term_type = temporal			
			$z			term	term			
						term	term_type = geographic			
			$3		ignore					
			$4		ignore					
			$2		If indicator 2 = 7	subject	source			
	# - No information provided									
	0 - No level specified									
	1 - Primary									
	2 - Secondary									
		0 - Library of Congress Subject Headings			If indicator 2 = 0	subject	source = lcsh			
		1 - LC subject headings for children's literature			If indicator 2 = 1	subject	source = lcshac			
		2 - Medical Subject Headings			If indicator 2 = 2	subject	source = mesh			
		3 - National Agricultural Library subject authority f			If indicator 2 = 3	subject	source = nal			
		4 - Source not specified			If indicator 2 = 4	subject	source = ingest			
		5 - Canadian Subject Headings			If indicator 2 = 5	subject	source = cash			
		6 - Répertoire de vedettes-matière			If indicator 2 = 6	subject	source = rvm			
		7 - Source specified in subfield $2			If indicator 2 = 7	subject	source = [Value derived from $2]			
651 - SUBJECT ADDED ENTRY--GEOGRAPHIC NAME								yes	yes	
					Each full tag entry corresponds to a new subject object. If the object/property combination is "term/term", this indicates that a new term should be added to the heading.					
			$a			term	term			
						term	term_type = geographic			
			$e		ignore					
			$v			term	term			
						term	term_type = genre_form			
			$x			term	term			
						term	term_type = topical			
			$y			term	term			
						term	term_type = temporal			
			$z			term	term			
						term	term_type = geographic			
			$3		ignore					
			$4		ignore					
			$2		If indicator 2 = 7	subject	source			
	# - No information provided									
	0 - No level specified									
	1 - Primary									
	2 - Secondary									
		0 - Library of Congress Subject Headings			If indicator 2 = 0	subject	source = lcsh			
		1 - LC subject headings for children's literature			If indicator 2 = 1	subject	source = lcshac			
		2 - Medical Subject Headings			If indicator 2 = 2	subject	source = mesh			
		3 - National Agricultural Library subject authority f			If indicator 2 = 3	subject	source = nal			
		4 - Source not specified			If indicator 2 = 4	subject	source = ingest			
		5 - Canadian Subject Headings			If indicator 2 = 5	subject	source = cash			
		6 - Répertoire de vedettes-matière			If indicator 2 = 6	subject	source = rvm			
		7 - Source specified in subfield $2			If indicator 2 = 7	subject	source = [Value derived from $2]			
655 - INDEX TERM--GENRE/FORM								yes	yes	
					Each full tag entry corresponds to a new subject object. If the object/property combination is "term/term", this indicates that a new term should be added to the heading.					
			$a			term	term			
						term	term_type = genre_form			
			$b			term	term			
						term	term_type = genre_form			
			$c		ignore					
			$v			term	term			
						term	term_type = genre_form			
			$x			term	term			
						term	term_type = topical			
			$y			term	term			
						term	term_type = temporal			
			$z			term	term			
						term	term_type = geographic			
			$3							
			$4		ignore					
			$2		If indicator 2 = 7	subject	source			
	# - No information provided									
	0 - Faceted									
		0 - Library of Congress Subject Headings			If indicator 2 = 0	subject	source = lcsh			
		1 - LC subject headings for children's literature			If indicator 2 = 1	subject	source = lcshac			
		2 - Medical Subject Headings			If indicator 2 = 2	subject	source = mesh			
		3 - National Agricultural Library subject authority f			If indicator 2 = 3	subject	source = nal			
		4 - Source not specified			If indicator 2 = 4	subject	source = ingest			
		5 - Canadian Subject Headings			If indicator 2 = 5	subject	source = cash			
		6 - Répertoire de vedettes-matière			If indicator 2 = 6	subject	source = rvm			
		7 - Source specified in subfield $2			If indicator 2 = 7	subject	source = [Value derived from $2]			
656 - INDEX TERM--OCCUPATION								yes	yes	
					Each full tag entry corresponds to a new subject object. If the object/property combination is "term/term", this indicates that a new term should be added to the heading.					
			$a			term	term			
						term	term_type = occupation			
			$k			term	term			
						term	term_type = genre_form			
			$v			term	term			
						term	term_type = genre_form			
			$x			term	term			
						term	term_type = topical			
			$y			term	term			
						term	term_type = temporal			
			$z			term	term			
						term	term_type = geographic			
			$3		ignore					
			$2		If indicator 2 = 7	subject	source			
		7 - Source specified in subfield $2			If indicator 2 = 7	subject	source = [Value derived from $2]			
657 - INDEX TERM--FUNCTION								yes	yes	
					Each full tag entry corresponds to a new subject object. If the object/property combination is "term/term", this indicates that a new term should be added to the heading.					
			$a			term	term			
						term	term_type = occupation			
			$v			term	term			
						term	term_type = genre_form			
			$x			term	term			
						term	term_type = topical			
			$y			term	term			
						term	term_type = temporal			
			$z			term	term			
						term	term_type = geographic			
			$3		ignore					
			$2		If indicator 2 = 7	subject	source			
		7 - Source specified in subfield $2			If indicator 2 = 7	subject	source = [Value derived from $2]			
69x - LOCAL TERM								yes	yes	
					Follow sequence of subfields in imported field: Subfield $3, when present should always appear first followed by subfield $a. All other subfields come after $a and should be separated from one another using double hyphens (--)	term	term			
						term	term_type = topical			
						subject	source = local			
720 - ADDED ENTRY--UNCONTROLLED NAME								yes	yes	
						agent	role = creator			
	# - Not specified									
	1 - Personal				If indicator 1 = 1	agent	agent_type = 'agent_person'			
	2 - Other				If indicator 1 = 2	agent	agent_type = 'agent_corporate_entity'			
			$a		If indicator 1 = 2	name_corporate_entity	primary_name			
					ELSE	name_person	primary_name			

			$e	IF != NULL	agent	relator				
			$4	ELSE	agent	relator				
740 - ADDED ENTRY--UNCONTROLLED RELATED/ANALYTICAL TITLE							yes	yes		
			$a $h $n $p	FORMAT as: $a [$h] $p, $n.	note_multipart	content note_type = 'odd' label = Related / Analytical Title				
752 - ADDED ENTRY--HIERARCHICAL PLACE NAME							yes	yes		
				Follow sequence of subfields in imported subjects. The value for each alphabetical subfield should be added into a new term associated with the newly created Subject record.						
			$a		term	term term_type = geographic				
			$b		term	term term_type = geographic				
			$c		term	term term_type = geographic				
			$d		term	term term_type = geographic				
			$f		term	term term_type = geographic				
			$g		term	term term_type = geographic				
			$h	Not handled.						
			$2		subject	source				
754 - ADDED ENTRY--TAXONOMIC IDENTIFICATION							no			
			$a $c $d $x $z	FORMAT as: $a --$c -- $d -- $x -- $z	term	term term_type = topical				
			$2		subject	source				
852 - LOCATION				If field = 852, subfields $k $h $i $m are concantenated and map to id_0. There are three fields that can map as identifiers privileged in the following order: 852, 090, 099, meaning a value found in an 852 will be used over any values in 090 or 099; if there is no 852, any value in a 090 is privileged over any value in a 099. Any values in any fields that are not the privileged field will be ignored. If there are no values in any of those fields, ASpace will generate a random UUID. This field, 852, is the first preference.	resource	id_0	Yes	yes		https://archivesspace.atlassian.net/browse/ANW-1527 (
856-Electronic location?				Do not include? (could end up with a big mess with this one)			No			

Export Mapping for Resources from ArchivesSpace to MARCXML

Last Updated: 7/15/2013

ArchivesSpace Data Fields		Constant or Variable	Processing / Formatting Directions	MARCXML Elements	Reviewer	Date	AS version	Test record used	Works as described? (Y/N)	Notes / Further Actions	Links
Object	**Property**										
MARCXML Namespace Declaration											
n/a	n/a	constant		<?xml version="1.0" encoding="UTF-8" ?> <marc:collection xmlns:marc="http://www.loc.gov/MARC21/slim" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.loc.gov/MARC21/slim http://www.loc.gov/standards/marcxml/schema/MARC21slim.xsd">							
Leader, 008, etc.											
n/a	n/a	constant	Position 0-4 = "00000"	<marc:record><marc:leader>00000nam a2200000 u 4500</marc:leader>							
n/a	n/a	constant	Position 5 = "n"								
		constant	Postion 6 = "p"								
resource	level	variable	IF level = item, Position 7 = "m"								
			ELSE Position 7 = "c"								
n/a	n/a	constant	Position 8 = NULL								
n/a	n/a	constant	Position 9 = "a"								
n/a	n/a	constant	Position 10 = "2"								
n/a	n/a	constant	Position 11 = "2"								
n/a	n/a	constant	Positions 12-16 = "00000"								
n/a	n/a	constant	Position 17 = NULL								
n/a	n/a	constant	Position 18 = "u"								
n/a	n/a	constant	Position 19 = NULL								
n/a	n/a	constant	Positions 20-23 = "4500"								
		variable	Positions 0-5: yymmdd ; derived from last record modification date. If no modification date, then record creation date	<marc:controlfield tag="008">**060921i19221974xx eng d**</marc:controlfield>							
		variable	Position 6: s | i								
			IF resource.level = "item" and date[0].date_type = 'single', THEN "s"								
			ELSE "i"								
			Positions 7-10:								
date	begin	variable	IF position 6 = "i | s"	**date[0].begin[0:4]**							
			Positions 11-14								
date	end		IF position 6 = "i"	**date[0].end[0:4]**							
n/a	n/a	constant	Positions 15-16 = "xx"		kws	2019-12-29	2.7.0		N	This is the MARC country code; it exports correctly, but it is positions 15-17, and it is not fixed but rather determined the repository's country.	https://archivesspace.atlassian.net/browse/ANW-974
resource	language	variable	Positions 35-37	**resource.language**							
			If code value is null, export three blank spaces; otherwise use the code value for the language, e.g. "eng" from "English ; eng"								
n/a	n/a	constant	Position 39 = "d"								
			All other positions within the line are blank								
040											
n/a	n/a	constant		<marc:datafield tag="040" ind1=" " ind2=" ">							
repository	org_code	variable		<marc:subfield code="a">**repository.org_code**</marc:subfield>							
resource	finding_aid_description_rules	variable		<marc:subfield code="e">**repository.finding_aid_description_rules**</marc:subfield>							
repository	org_code	variable		<marc:subfield code="c">**repository.org_code**</marc:subfield>							
				</marc:datafield>							
041											
n/a	n/a	constant		<marc:datafield tag="041" ind1="0" ind2=" ">							
resource	language	variable		<marc:subfield code="a">**resource.language**</marc:subfield>							
				</marc:datafield>							
099											
				<marc:datafield tag="099" ind1=" " ind2=" ">							
resource	id_0 id_1 id_2 id_3	variable		<marc:subfield code="a">**resource.id_0+"."+resource.id_1+"."resource.id_2+"."resource.id_3**</marc:subfield>							
				</marc:datafield>							
MAIN ENTRY											
Attention: There may only be one 100 or 110 per MARCXML record exported.											
There is no rule for preferring a personal name (100) or a corporate name (110) or a particular creator. Simply select the first agent with role = creator											
100											
IF agent_type = personal | family and FOR only one (first) role = "creator" (All others are treated as 700; see below).											
				<marc:datafield tag="100"							
				ind1="							
name	name_order	variable	IF name_order = 'direct'	0							
name	name_order		IF name_order = 'inverted'	1							
agent	agent_type		IF agent_type = agent_family	3							
n/a	n/a	constant		ind2=" ">							
		constant		<marc:subfield code="a">							
name	primary_name rest_of_name	variable	IF agent_type = agent_person and name_order = 'inverted'	**primary_name, rest_of_name**							
name	primary_name rest_of_name		IF agent_type = agent_person and name_order = direct'	**primary_name rest_of_name**							
name	family_name		IF agent_type = agent_family	**family_name**							
		constant		</marc:subfield>							
name	number	variable		<marc:subfield code="b">**number**</marc:subfield>							
				<marc:subfield code="c">							
name	prefix title suffix	variable	IF agent_type = agent_person	**prefix, title, suffix**							
name	prefix		IF agent_type = agent_family	**prefix**							
				</marc:subfield>							
name	dates	variable		<marc:subfield code="d">**dates**</marc:subfield>							
name	fuller_form	variable	IF agent_type = agent_person	<marc:subfield code="q">**fuller_form**</marc:subfield>							
name	qualifier	variable		<marc:subfield code="g">**qualifier**</marc:subfield>							
agent	relator	variable	IF relator != NULL	<marc:subfield code="4">**relator**</marc:subfield>							
			ELSE	<marc:subfield code="e">creator</marc:subfield>							
				</marc:datafield>							
110											
IF agent_type = corpora_entity and FOR only one role = creator (All others treated as 710; see below)											
n/a	n/a	constant		<marc:datafield tag="110" ind1="2" ind2=" ">							
name	primary_name	variable		<marc:subfield code="a">**primary_name**</marc:subfield>							
name	subordinate_name_1	variable		<marc:subfield code="b">**subordinate_name_1**</marc:subfield>							
name	subordinate_name_2	variable		<marc:subfield code="b">**subordinate_name_2**</marc:subfield>							
name	number	variable		<marc:subfield code = "n">**number**</marc:subfield>							
name	qualifier	variable		<marc:subfield code = "g">**qualifier**</marc:subfield>							
agent	relator	variable	IF relator != NULL	<marc:subfield code="4">**relator**</marc:subfield>							
			ELSE IF role = creator	<marc:subfield code="e">creator</marc:subfield>							
				</marc:datafield>							
Description Fields											
245											
n/a	n/a	constant		<marc:datafield tag="245" ind1="1" ind2="0">							
resource	title	variable		<marc:subfield code="a">**title**</marc:subfield>							
			IF date_type != bulk	<marc:subfield code="f">							
date	date_expression	variable	IF date_expression != NULL	**date_expression**							
date	begin end		ELSE IF date_type = single	**begin**							
			ELSE IF date_type = inclusive	**begin - end**							
				</marc:subfield>							
			IF date_type = bulk	<marc:subfield code="g">							
date	date_expression	variable	IF date_expression != NULL	**date_expression**							
date	begin end		ELSE IF date_type = single	**begin**							
			ELSE IF date_type = inclusive	**begin - end**							
				</marc:subfield>							
				</marc:datafield>							
300											
n/a	n/a	constant	IF LEN(resource.extents) > 0 THEN FOREACH resource.extents AS extent	<marc:datafield tag="300" ind1=" " ind2=" ">							
				<marc:subfield code="a">							
extent	number extent_type	variable	extent_type value should come from translation	**number I18n.t(extent_type)**							
				</marc:subfield>							
extent	container_summary	variable		<marc:subfield code="f">**container_summary**</marc:subfield>							
				</marc:datafield>							
resource	level	variable	ELSE IF level = item	<marc:datafield tag="300" ind1=" " ind2=" "> <marc:subfield code="a">1 item</marc:subfield> </marc:subfield>							
351											
note	type	variable	IF type = arrangement | fileplan	<marc:datafield tag="351" ind1=" " ind2=" ">							
note	content	variable		<marc:subfield code="b">**content**</marc:subfield>							
				</marc:datafield>							
Notes											
500											
Unless otherwise specified each note should be mapped to a separate 5xx element.											
Follow the sequence below for the 500 notes											
note	type	variable	WHEN type = odd | dimensions | physdesc | materialspec | physloc | phystech | physfacet | processinfo | separatedmaterial	<marc:datafield tag="500" ind1=" " ind2= " ">							
				<marc:subfield code="a">							
note	content	variable	IF type = odd	**content**							
			IF type = dimensions	Dimensions: **content**							
			IF type = physdec	Physical Description note: **content**							
			IF type = materialspec	Material Specific Details: **content**							
			IF type = physloc	Location of resource: **content**							
			IF type = phystech	Physical Characteristics / Technical Requirements: **content**							
			IF type = physfacet	Physical Facet: **content**							
			IF type = processinfo	Processing Information: **content**							
			IF type = separatedmaterial	Materials Separated from the Resource: **content**							
				</marc:subfield>							
				</marc:datafield>							
506											
note	type	variable	IF type = accessrestrict	<marc:datafield tag="506" ind1=" " ind2=" ">							
note	content	variable		<marc:subfield code="a">**content**</marc:subfield>							
				</marc:datafield>							
520											
note	type	variable	WHEN type = abstract | scopecontent	<marc:datafield tag="520"							
note	type		IF type = abstract	ind1="**3**"							
note	type		IF type = scopecontent	ind1="**2**"							
				ind2=" ">							
note	content	variable		<marc:subfield code="a">**content**</marc:subfield>							
				</marc:datafield>							
524											
note	type	variable	WHEN type = prefercite	<marc:datafield tag="524" ind1="8" ind2=" ">							
note	content	variable		<marc:subfield code="a">**content**</marc:subfield>							
				</marc:datafield>							
535											
note	type	variable	WHEN type = altformavail | originalsloc	<marc:datafield tag="535							
			IF type = altformavail	ind1="**2**"							
			IF type = originalsloc	ind1="**1**"							
				ind2=" ">							
note	content	variable		<marc:subfield code="a">**content**</marc:subfield>							
				</marc:datafield>							
540											
note	type	variable	WHEN type = userestrict | legalstatus	<marc:datafield tag="540" ind1=" " ind2=" ">							
note	content	variable		<marc:subfield code="a">**content**</marc:subfield>							

Export Mapping for Resources from ArchivesSpace to MARCXML

Last Updated: 7/15/2013

ArchivesSpace Data Fields		Constant or Variable	Processing / Formatting Directions	MARCXML Elements	Reviewer	Date	AS version	Test record used	Works as described? (Y/N)	Notes / Further Actions	Links
Object	Property										
				</marc:datafield>							
541											
note	type	variable	WHEN type= acqinfo	<marc:datafield tag="541"							
			IF internalOnly = True	ind1="0"							
			ELSE	ind1="1"							
				ind2=" ">							
note	content	variable		<marc:subfield code="a">**content**</marc:subfield>							
				</marc:datafield>							
544											
note	type	variable	WHEN type = relatedmaterial	<marc:datafield tag="544" ind1=" " ind2=" ">							
note	content	variable		<marc:subfield code="a">**content**</marc:subfield>							
				</marc:datafield>							
545											
note	type	variable	WHEN type = bioghist	<marc:datafield tag="545" ind1=" " ind2=" ">							
note	content	variable		<marc:subfield code="a">**content**</marc:subfield>							
				</marc:datafield>							
546											
note	type	variable	WHEN type = langmaterial	<marc:datafield tag="546" ind1=" " ind2=" ">							
note	content	variable		<marc:subfield code="a">**content**</marc:subfield>							
				</marc:datafield>							
555											
				<marc:datafield tag="555" ind1=" " ind2=" ">							
n/a	n/a	constant		<marc:subfield code="a">Finding aid available online. </marc:subfield>							
resource	ead_location	variable		<marc:subfield code="u">**ead_location**</marc:subfield>							
				</marc:datafield>							
561											
note	type	variable	WHEN type = custodhist	<marc:datafield tag="561"							
note	publish		IF publish = True	ind1="0"							
			ELSE	ind1="1"							
				ind2=" ">							
note	content	variable		<marc:subfield code="a">**content**</marc:subfield>							
				</marc:datafield>							
583											
note	type	variable	WHEN type = appraisal	<marc:datafield tag="583"							
			IF publish = True	ind1="0"							
			ELSE	ind1="1"							
				ind2=" ">							
note	content	variable		<marc:subfield code="a">**content**</marc:subfield>							
				</marc:datafield>							
584											
note	type	variable	WHEN type = accruals	<marc:datafield tag="584" ind1=" " ind2=" ">							
note	content	variable		<marc:subfield code="a">**content**</marc:subfield>							
				</marc:datafield>							
SUBJECTS											
600											
	agent_type role		WHEN agent_type = agent_person | agent_family AND role = subject								
agent		variable		<marc:datafield tag="600"							
agent	agent_type	variable	IF agent_type = family	ind1="3"							
name	direct_order		ELSE IF direct_order = direct	ind1="0"							
name	direct_order		ELSE IF direct_order = inverted	ind1="1"							
name	source	variable	IF source = naf | lcsh	ind2="0"							
			IF source = lcshac	ind2="1"							
			IF source = mesh	ind2="2"							
			IF source = nal	ind2="3"							
			IF source = NULL	ind2="4"							
			IF source = cash	ind2="5"							
			IF source = rvm	ind2="6"							
			ELSE	ind2="7">							
				<marc:subfield code="a">							
	primary_name rest_of_name	variable	IF agent_type = agent_person AND direct_order = inverted	**primary_name, rest_of_name**							
	primary_name										
name	rest_of_name		IF agent_type = agent_person AND direct_order = direct	**primary_name rest_of_name**							
name	family_name		IF agent_type = agent_family	**family_name**							
				</marc:subfield>							
name	number	variable		<marc:subfield code="b">**number**</marc:subfield>							
				<marc:subfield code="c">							
	prefix title suffix										
name		variable	IF agent_type = agent_person	**prefix, title, suffix**							
name	prefix		IF agent_type = agent_family	**prefix**							
				</marc:subfield>							
name	dates	variable		<marc:subfield code="d">**dates**</marc:subfield>							
name	fuller_form	variable	IF agent_type = agent_person	<marc:subfield code="q">**fuller_form**</marc:subfield>							
	qualifier	variable		<marc:subfield code="g">**qualifier**</marc:subfield>							
agent	relator	variable	IF relator != NULL	<marc:subfield code="4">**relator**</marc:subfield>							
name	source		IF ind2="7", ELSE omit	<marc:subfield code="2">**source**</marc:subfield>							
				</marc:datafield>							
610											
	agent_type role		IF agent_type = agent_corporate_entity AND role = subject								
agent		variable		<marc:datafield tag="610" ind1="2"							
name	source	variable	IF source = naf | lcsh	ind2="0"							
			IF source = lcshac	ind2="1"							
			IF source = mesh	ind2="2"							
			IF source = nal	ind2="3"							
			IF source = NULL	ind2="4"							
			IF source = cash	ind2="5"							
			IF source = rvm	ind2="6"							
			ELSE	ind2="7"							
name	primary_name	variable		<marc:subfield code="a">**primary_name**</marc:subfield>							
name	subordinate_name_1	variable		<marc:subfield code="b">**subordinate_name_1**</marc:subfield>							
name	subordinate_name_2	variable		<marc:subfield code="b">**subordinate_name_2**</marc:subfield>							
name	number	variable		<marc:subfield code = "n">**number**</marc:subfield>							
name	qualifier	variable		<marc:subfield code = "g">**qualifier**</marc:subfield>							
agent	terms	variable	IF LENGTH(terms) > 0 REPEAT WHILE terms[0:]								
			IF term_type = genre_form | style_period	<marc:subfield code="v">**term**</marc:subfield>							
			IF term_type = topical | cultural_context	<marc:subfield code="x">**term**</marc:subfield>							
			IF term_type = temporal	<marc:subfield code="y">**term**</marc:subfield>							
			IF term_type = geographic	<marc:subfield code="z">**term**</marc:subfield>							
				<marc:subfield code="4">							
agent	relator	variable	IF relator != NULL	**relator**							
				</marc:subfield>							
name	source		IF ind2="7", ELSE omit	<marc:subfield code="2">**source**</marc:subfield>							
				</marc:datafield>							
630											
subject.terms[0]	term_type	variable	WHEN term_type = uniform_title	<marc:datafield tag="630" ind1=" "							
subject	source	variable	IF source = naf | lcsh	ind2="0"							
			IF source = lcshac	ind2="1"							
			IF source = mesh	ind2="2"							
			IF source = nal	ind2="3"							
			IF source = NULL	ind2="4"							
			IF source = cash	ind2="5"							
			IF source = rvm	ind2="6"							
			ELSE	ind2="7">							
subject.terms[0]	term	variable		<marc:subfield code="a">**term**</marc:subfield>							
subject	terms	variable	IF LENGTH(terms) > 1 REPEAT WHILE terms[1:]								
			IF term_type = genre_form | style_period	<marc:subfield code="v">**term**</marc:subfield>							
			IF term_type = topical	<marc:subfield code="x">**term**</marc:subfield>							
			IF term_type = temporal	<marc:subfield code="y">**term**</marc:subfield>							
			IF term_type = geographic | cultural_context	<marc:subfield code="z">**term**</marc:subfield>							
subject	term	variable	IF ind2=7, ELSE omit	<marc:subfield code="2">**source**</marc:subfield>							
				</marc:datafield>							
648											
subject.terms[0]	term_type	variable	WHEN term_type = temporal	<marc:datafield tag="648" ind1=" "							
subject	source	variable	IF source = naf | lcsh	ind2="0"							
			IF source = lcshac	ind2="1"							
			IF source = mesh	ind2="2"							
			IF source = nal	ind2="3"							
			IF source = NULL	ind2="4"							
			IF source = cash	ind2="5"							
			IF source = rvm	ind2="6"							
			ELSE	ind2="7">							
subject.terms[0]	term	variable		<marc:subfield code="a">**term**</marc:subfield>							
subject	terms	variable	IF LENGTH(terms) > 1 REPEAT WHILE terms[1:]								
			IF term_type = genre_form | style_period	<marc:subfield code="v">**term**</marc:subfield>							
			IF term_type = topical	<marc:subfield code="x">**term**</marc:subfield>							
			IF term_type = temporal	<marc:subfield code="y">**term**</marc:subfield>							
			IF term_type = geographic | cultural_context	<marc:subfield code="z">**term**</marc:subfield>							
subject	term	variable	IF ind2=7, ELSE omit	<marc:subfield code="2">**source**</marc:subfield>							
				</marc:datafield>							
650											
subject.terms[0]	term_type	variable	WHEN term_type = topical	<marc:datafield tag="650" ind1=" "							
subject	source	variable	IF source = naf | lcsh	ind2="0"							
			IF source = lcshac	ind2="1"							
			IF source = mesh	ind2="2"							
			IF source = nal	ind2="3"							
			IF source = NULL	ind2="4"							
			IF source = cash	ind2="5"							
			IF source = rvm	ind2="6"							
			ELSE	ind2="7">							
subject.terms[0]	term	variable		<marc:subfield code="a">**term**</marc:subfield>							
subject	terms	variable	IF LENGTH(terms) > 1 REPEAT WHILE terms[1:]								
			IF term_type = genre_form | style_period	<marc:subfield code="v">**term**</marc:subfield>							
			IF term_type = topical	<marc:subfield code="x">**term**</marc:subfield>							
			IF term_type = temporal	<marc:subfield code="y">**term**</marc:subfield>							
			IF term_type = geographic | cultural_context	<marc:subfield code="z">**term**</marc:subfield>							
subject	term	variable	IF ind2=7, ELSE omit	<marc:subfield code="2">**source**</marc:subfield>							
				</marc:datafield>							
651											
subject.terms[0]	term_type	variable	WHEN term_type = geographic | cultural_context	<marc:datafield tag="651" ind1=" "							
subject	source	variable	IF source = naf | lcsh	ind2="0"							
			IF source = lcshac	ind2="1"							
			IF source = mesh	ind2="2"							
			IF source = nal	ind2="3"							
			IF source = NULL	ind2="4"							
			IF source = cash	ind2="5"							
			IF source = rvm	ind2="6"							
			ELSE	ind2="7">							
subject.terms[0]	term	variable		<marc:subfield code="a">**term**</marc:subfield>							
subject	terms	variable	IF LENGTH(terms) > 1 REPEAT WHILE terms[1:]								
			IF term_type = genre_form | style_period	<marc:subfield code="v">**term**</marc:subfield>							
			IF term_type = topical	<marc:subfield code="x">**term**</marc:subfield>							
			IF term_type = temporal	<marc:subfield code="y">**term**</marc:subfield>							
			IF term_type = geographic | cultural_context	<marc:subfield code="z">**term**</marc:subfield>							
subject	term	variable	IF ind2=7, ELSE omit	<marc:subfield code="2">**source**</marc:subfield>							
				</marc:datafield>							
655											
subject.terms[0]	term_type	variable	WHEN term_type = genre_form | style_period	<marc:datafield tag="655" ind1=" "							
subject	source	variable	IF source = naf | lcsh	ind2="0"							
			IF source = lcshac	ind2="1"							
			IF source = mesh	ind2="2"							
			IF source = nal	ind2="3"							

Export Mapping for Resources from ArchivesSpace to MARCXML

Last Updated: 7/15/2013

ArchivesSpace Data Fields		Constant or Variable	Processing / Formatting Directions	MARCXML Elements	Reviewer	Date	AS version	Test record used	Works as described? (Y/N)	Notes / Further Actions	Links
Object	Property										
			if source = NULL	ind2="4">							
			if source = cash	ind2="5">							
			if source = rem	ind2="6">							
			ELSE	ind2="7">							
subject.terms[0]	term	variable		<marc:subfield code="a">**term**</marc:subfield>							
subject	terms	variable	if LENGTH(terms) > 1 REPEAT WHILE terms[1-]								
			if term_type = genre_form | style_period	<marc:subfield code="v">**term**</marc:subfield>							
			if term_type = topical	<marc:subfield code="x">**term**</marc:subfield>							
			if term_type = temporal	<marc:subfield code="y">**term**</marc:subfield>							
			if term_type = geographic | cultural_context	<marc:subfield code="z">**term**</marc:subfield>							
subject	term	variable	if ind2=7, ELSE omit	<marc:subfield code="2">**source**</marc:subfield>							
				</marc:datafield>							
656											
subject.terms[0]	term_type	constant	WHEN term_type = occupation	<marc:datafield tag="656" ind1=" " ind2="7">							
subject.terms[0]	term	variable		<marc:subfield code="a">**term**</marc:subfield>							
subject	terms	variable	if LENGTH(terms) > 1 REPEAT WHILE terms[1-]								
			if term_type = genre_form | style_period	<marc:subfield code="v">**term**</marc:subfield>							
			if term_type = topical	<marc:subfield code="x">**term**</marc:subfield>							
			if term_type = temporal	<marc:subfield code="y">**term**</marc:subfield>							
			if term_type = geographic | cultural_context	<marc:subfield code="z">**term**</marc:subfield>							
subject	term	variable		<marc:subfield code="2">**source**</marc:subfield>							
				</marc:datafield>							
657											
subject.terms[0]	term_type	constant	WHEN term_type = function	<marc:datafield tag="656" ind1=" " ind2="7">							
subject.terms[0]	term	variable		<marc:subfield code="a">**term**</marc:subfield>							
subject	terms	variable	if LENGTH(terms) > 1 REPEAT WHILE terms[1-]								
			if term_type = genre_form | style_period	<marc:subfield code="v">**term**</marc:subfield>							
			if term_type = topical	<marc:subfield code="x">**term**</marc:subfield>							
			if term_type = temporal	<marc:subfield code="y">**term**</marc:subfield>							
			if term_type = geographic | cultural_context	<marc:subfield code="z">**term**</marc:subfield>							
subject	term	variable		<marc:subfield code="2">**source**</marc:subfield>							
				</marc:datafield>							
Subjects	subjectSource	variable	if ind2=7, ELSE omit	<marc:subfield code="2">**subjectSource**</marc:subfield>							
				</marc:datafield>							
ADDED ENTRIES											
700											
Attention: With the exception of the first nameLinkFunction = creator, all others are entered as either 700 or 710 fields.											
All names with nameLinkFunction = source are entered as either 700 or 710 fields.											
agent	agent_type		if agent_type = agent_person and role = creator | source	<marc:datafield tag="100" ind1=" "							
name	name_order	variable	if name_order = 'direct'	0							
name	name_order		if name_order = 'inverted'	1							
agent	agent_type		if agent_type = agent_family	3							
n/a	n/a	constant		ind2=" ">							
		constant		<marc:subfield code="a">							
name	primary_name rest_of_name	variable	if agent_type = agent_person and name_order = 'inverted'	**primary_name, rest_of_name**							
name	primary_name rest_of_name		if agent_type = agent_person and name_order = direct	**primary_name rest_of_name**							
name	family_name		if agent_type = agent_family	**family_name**							
		constant		</marc:subfield>							
name	number	variable		<marc:subfield code="b">**number**</marc:subfield>							
				<marc:subfield code="c">							
name	prefix title suffix	variable	if agent_type = agent_person	**prefix, title, suffix**							
name	prefix		if agent_type = agent_family	**prefix**							
				</marc:subfield>							
name	dates	variable		<marc:subfield code="d">**dates**</marc:subfield>							
name	fuller_form	variable	if agent_type = agent_person	<marc:subfield code="q">**fuller_form**</marc:subfield>							
name	qualifier	variable		<marc:subfield code="g">**qualifier**</marc:subfield>							
				<marc:subfield code="e">							
agent	relator	variable	if relator != NULL	<marc:subfield code="4">**relator**</marc:subfield>							
	relator										
agent	role	variable	ELSE IF relator = NULL and role = source	<marc:subfield code="e">former owner</marc:subfield>							
			ELSE	<marc:subfield code="e">creator</marc:subfield>							
				</marc:datafield>							
710											
agent	agent_type		if agent_type = agent_corporate_entity and role = creator | source	<marc:datafield tag="710" ind1="2" ind2=" ">							
name	primary_name	variable		<marc:subfield code="a">**primary_name**</marc:subfield>							
name	subordinate_name_1	variable		<marc:subfield code="b">**subordinate_name_1**</marc:subfield>							
name	subordinate_name_2	variable		<marc:subfield code="b">**subordinate_name_2**</marc:subfield>							
name	number	variable		<marc:subfield code = "n">**number**</marc:subfield>							
name	qualifier	variable		<marc:subfield code="g">**qualifier**</marc:subfield>							
agent	relator	variable	if relator != NULL	<marc:subfield code="4">**relator**</marc:subfield>							
	relator										
agent	role	variable	ELSE IF relator = NULL and role = source	<marc:subfield code="e">former owner</marc:subfield>							
			ELSE	<marc:subfield code="e">creator</marc:subfield>							
Identifiers											
852											
n/a	n/a	constant		<marc:datafield tag="852" ind1=" " ind2=" ">							
repository	org_code	variable		<marc:subfield code="a">**org_code**</marc:subfield>							
repository	name	variable		<marc:subfield code="b">**name**</marc:subfield>							
resource	id_0 id_1 id_2 id_3	variable		<marc:subfield code="c">**resource.id_0+".".+resource.id_1+".".+resource.id_2+".".+resource.id_3+**</marc:subfield>							
				</marc:datafield>							
856											
resource	ead_location	variable	if eadLocation != NULL	<marc:datafield tag="856" ind1="4" ind2="2">							
n/a	n/a	constant		<marc:subfield code="z">**Finding aid online**</marc:subfield>							
				</marc:datafield>							
resource	ead_location	variable		<marc:subfield code="u">**ead_location**</marc:subfield>							
				</marc:record>							
				</marc:collection>							

Post Record Production Editing

ArchivesSpace will produce a valid MARCXML record. However, repositories may want to modify many of the default outputs. Below is a list of some of those to pay particular attention to.

Leader may require editing prior to uploading particularly for record length and starting position of first variable.

ArchivesSpace does not implement a concept of main entry. Hence, there is no way to programmatically ascertain which one of the several creator and source name records linked to a resource record or digital object record should be represented as the main entry in the exported MARCXML record. Users need to review each MARCXML record and edit the main entry as need be.

Field 110/610/710: The default output value for the first indicator is "2" and the second indicator is blank. Users will need to revise those values for certain kinds of corporate name entries.

Field 110/610/710: Because ArchivesSpace supports only three levels of hierarchy (primary, subordinate 1, subordinate 2) for corporate names, users may want to revise the 110/610/710 headings to reflect a deeper hierarchy.

Field 110/610/710: Because the ArchivesSpace name model is based is ISAAR (CPF), the names of meetings are handled at a corporate names. Some users may want to change exported 110/610/710 entries to 111/611/711 entries.

Field 856: Users may want to enrich this field with additional information.

Import Mapping for Resources from EAD2002 to ArchivesSpace

Note: Elements should be linked at the appropriate level (e.g. in the context to a Resource or Archival Object record).

Source element	Processing / Formatting Directions	Target element	Notes	Reviewed (date, initials)	AS Version	Works as expected? (Y/N)	Notes / Further Actions	Links
@id		pairs replaced with ref_id of component or persistent_id of note		2020-01-09, GW	2.7.0	?	imports with <c>, but ignores <ead> @id	
@target								
@audience	WHEN @audience = internal			2020-01-09, GW	2.7.0	N	Theres no @target in <ead>, right?	https://eadiva.com/2/ead/
RESOURCE								
<date>	IF nested in <chronitem>	note_chronology.items[].event_date						
	IF nested in <publicationstmt>	resource.finding_aid_date						
	ELSE	treat as mixed content						
<extent>	IF value starts with a number followed by a space and can be parsed	extent.number		2020-01-09, GW	2.7.0	Y		
		extent.extent_type		2020-01-09, GW	2.7.0	Y		
	ELSE	extent.container_summary						
<unitdate>		date.expression						
<unitid>	IF nested in <archdesc><did>	resource.id_0						
	IF nested in <c><did>	archival_object.component_id						
<unittitle>	IF nested in <archdesc><did>	resource.title	Nested or inline tags treated as mixed content.	2020-01-09, GW	2.7.0	N	"Nested or inline tags treated as mixed content." Isn't true as I read it, at least at the collection level, as it parses <unitdate>, and seems to ignore <name> as mixed content, but uses <title> as italics?	
	IF nested in <c><did>	archival_object.title						
FINDING AID ELEMENTS								
<author>		resource.finding_aid_author						
<descrules>		resource.finding_aid_description_rules	If value is not in resource_finding_aid_description_rules enumeration, then add it					
<eadid>		resource.ead_id						
<eadid> @url		resource.ead_location						
<editionstmt>		resource.finding_aid_edition_statement						
<seriesstmt>		resource.finding_aid_series_statement						
<sponsor>		resource.finding_aid_sponsor						
<notestmt>		resource.finding_aid_note						
<subtitle>		resource.finding_aid_title	Append to existing value of finding_aid_title + ": " after any <titleproper> tags get parsed					
<titleproper>		resource.finding_aid_title						
<titleproper type="filing">		resource.finding_aid_filing_title						
<langusage>		resource.finding_aid_language						
<revisiondesc>		resource.finding_aid_revision_description	Because there can be multiple <change> elements in <revisiondesc>, the contents of <revisiondesc> are imported into the revisionDescription field without parsing out <date>'s or <item>'s.					
NAMES								
<corpname>	IF nested in <origination> OR <controlaccess>	name_corporate_entity.primary_name						
		agent.agent_type = corporate_entity						
	IF nested in <origination>	agent.role = creator						
	IF nested in <controlaccess>	agent.role = subject						
	ELSE	treat as mixed content						
	IF @rules != NULL	name_corporate_entity.rules						
	IF @source != NULL	name_corporate_entity.source						
	IF @authfilenumber != NULL	name_corporate_entity.authority_id						
<famname>	IF nested in <origination> OR <controlaccess>	name_family.family_name						
		agent.agent_type = family						
	IF nested in <origination>	agent.role = creator						
	IF nested in <controlaccess>	agent.role = subject						
	ELSE	treat as mixed content						
	IF @rules != NULL	name_family.rules						
	IF @source != NULL	name_family.source						
	IF @authfilenumber != NULL	name_family.authority_id						
<name>	IF nested in <origination> OR <controlaccess>	name_person.primary_name						
		agent.agent_type = personal						
	IF nested in <origination>	agent.role = creator						
	IF nested in <controlaccess>	agent.role = subject						
	ELSE	treat as mixed content						
	IF @rules != NULL	name_person.rules						
	IF @source != NULL	name_person.source						
	IF @authfilenumber != NULL	name_person.authority_id						
<persname>	IF nested in <origination> OR <controlaccess>	name_person.primary_name						
		agent.agent_type = personal						
	IF nested in <origination>	agent.role = creator						
	IF nested in <controlaccess>	agent.role = subject						
	ELSE	treat as mixed content						
	IF @rules != NULL	name_person.rules						
	IF @source != NULL	name_person.source						
	IF @authfilenumber != NULL	name_person.authority_id						
SUBJECTS								
<function>	IF nested in <controlaccess>	subject.terms[0].term						
		subject.terms[0].term_type = function						
@source		subject.source	If value is not in subject_source enumeration, then add it					
	ELSE	treat as mixed content						
	IF @authfilenumber != NULL	subject.authority_id						
<genreform>	IF nested in <controlaccess>	subject.terms[0].term						
		subject.terms[0].term_type = genre_form						
@source		subject.source	If value is not in subject_source enumeration, then add it					
	ELSE	treat as mixed content						
	IF @authfilenumber != NULL	subject.authority_id						
<geogname>	IF nested in <controlaccess>	subject.terms[0].term						
		subject.terms[0].term_type = geographic						
@source		subject.source	If value is not in subject_source enumeration, then add it					
	ELSE	treat as mixed content						
	IF @authfilenumber != NULL	subject.authority_id						
<occupation>	IF nested in <controlaccess>	subject.terms[0].term						
		subject.terms[0].term_type = occupation						
@source		subject.source	If value is not in subject_source enumeration, then add it					
	ELSE	treat as mixed content						
	IF @authfilenumber != NULL	subject.authority_id						
<subject>	IF nested in <controlaccess>	subject.terms[0].term						
		subject.terms[0].term_type = topical						
@source		subject.source	If value is not in subject_source enumeration, then add it					
	ELSE	treat as mixed content						
	IF @authfilenumber != NULL	subject.authority_id						
<title>					N as of 2.6.0 kws			https://archivesspace.atlassian.net/browse/ANW-903
NOTES								
if other EAD elements that map to a note object are nested in eachother, then those notes will be treated as separate notes;								
for example, a <scopecontent> may contain another <scopecontent>, etc.;								
therefore, if <scopecontent> tag contains a nested <scopecontent>, the note contents will be mapped into two separate notes of type "Scope and Contents note" in the Toolkit;								
if, for example, an <accessrestrict> tag contains a nested <legalstatus>, the tag contents will be mapped into separate notes, one of type "accessrestict" and the part tagged as <legalstatus> as type "legalstatus".								
if one or more <note> tags are nested, then those <note> tags will initiate separate notes with the NoteType equivalent to the parent note.								
That is, where <accessrestrict> tag contains a nested <note>, the tag contents will be mapped into two separate notes of type "Access Restrictions" in the Toolkit.								
@id	ALL @id attributes on note tags map to the persistent_id property	note.persistent_id						
Simple Notes								
<abstract>		note_singlepart.content		2/28/2020 DM	2.7.0	Y		
		note_singlepart.type = abstract		2/28/2020 DM	2.7.0	Y		
<accessrestrict>		note_multipart.content		2/28/2020 DM	2.7.0	Y		
		note_multipart.type = accessrestrict		2/28/2020 DM	2.7.0	Y		
<accruals>		note_multipart.content						
		note_multipart.type = accruals						
<acqinfo>		note_multipart.content		2/28/2020 DM	2.7.0	Y		
		note_multipart.type = acqinfo		2/28/2020 DM	2.7.0	Y		
<altformavail>		note_multipart.content						
		note_multipart.type = altformavail						
<appraisal>		note_multipart.content						
		note_multipart.type = appraisal						
<arrangement>		note_multipart.content						
		note_multipart.type = arrangement						
<bioghist>		note_multipart.content		2/28/2020 DM	2.7.0	Y		
		note_multipart.type = bioghist		2/28/2020 DM	2.7.0	Y		
<custodhist>		note_multipart.content						
		note_multipart.type = custodhist						
<dimensions>		note_multipart.content						
		note_multipart.type = dimensions						
<fileplan>		note_multipart.content						
		note_multipart.type = fileplan						
<langmaterial>		note_singlepart.content						
		note_singlepart.type = langmaterial						
<accessrestrict><legalstatus>		note_multipart.content						
		note_multipart.type = legalstatus						
<materialspec>		note_singlepart.content						
		note_singlepart.type = materialspec						
<note>	IF nested in <archdesc> OR <c>	note_multipart.content						
		note_multipart.type = odd						
	ELSE, IF nested in <notestmnt>	resource.finding_aid_note						
	ELSE	treat as mixed content						
<odd>		note_multipart.content						
		note_multipart.type = odd						
<originalsloc>		note_multipart.content						
		note_multipart.type = originalsloc						
<otherfindaid>		note_multipart.content						
		note_multipart.type = otherfindaid						
<physdesc>		note_singlepart.content						
		note_singlepart.type = physdesc						
<physfacet>		note_singlepart.content						
		note_singlepart.type = physfacet						
<physloc>		note_singlepart.content						
		note_singlepart.type = physloc						
<phystech>		note_multipart.content						
		note_multipart.type = phystech						
<prefercite>		note_multipart.content						
		note_multipart.type = prefercite						
<processinfo>		note_multipart.content						
		note_multipart.type = processinfo						
<relatedmaterial>		note_multipart.content						
		note_multipart.type = relatedmaterial						
<scopecontent>		note_multipart.content						
		note_multipart.type = scopecontent						
<separatedmaterial>		note_multipart.content						
		note_multipart.type = separatedmaterial						
<userestrict>		note_multipart.content						
		note_multipart.type = userestict						
Structured Notes								
<bibliography>	IF nested in <archdesc> OR <c>	note_bibliography	nested <bibliography> tags treated as separate bibliographies					
<head>		note_bibliography.label						
<p>		note_bibliography.content						
<bibref>		note_bibliography.item						
other nested and inline elements		treat as mixed content						
<index>	IF nested in <archdesc> OR <c>	note_index	nested <index> tags treated as separate indexes					
<head>		note_index.label						
<p>		note_index.content						
<indexentry>		note_index.items[]						
<name>		note_index.items[].value						
		note_index.items[].type= Name						
<persname>		note_index.items[].value						
		note_index.items[].type= Personal Name						
<famname>		note_index.items[].value						
		note_index.items[].type= Famly Name						
<corpname>		note_index.items[].value						
		note_index.items[].type= Corporate Name						
<subject>		note_index.items[].value						
		note_index.items[].type= Subject						
<function>		note_index.items[].value						
		note_index.items[].type= Function						
<occupation>		note_index.items[].value						
		note_index.items[].type= Occupation						
<genreform>		note_index.items[].value					Test this; it doesn't work in EAD import. kws	
		note_index.items[].type= Genre Form						
<title>		note_index.items[].value						
		note_index.items[].type= Title						
<geogname>		note_index.items[].value						
		note_index.items[].type= Geographic Name						
<ref>		note_index.items[].reference_text						
other nested and inline elements		treat as mixed content						
Mixed Content Note Parts								
<chronlist>		note_chronology		2/28/2020 DM	2.7.0	Y		

Import Mapping for Resources from EAD2002 to ArchivesSpace

Note: Elements should be linked at the appropriate level (e.g. in the context to a Resource or Archival Object record).

Source element	Processing / Formatting Directions	Target element	Notes	Reviewed (date, initials)	AS Version	Works as expected? (Y/N)	Notes / Further Actions	Links
<head>		note_chronology.label		2/28/2020 DM	2.7.0	Y		
<chronitem>		note_chronology.items[]		2/28/2020 DM	2.7.0	Y		
<date>		note_chronology.items[].event_date		2/28/2020 DM	2.7.0	Y		
<event>		note_chronology.items[].events[]		2/28/2020 DM	2.7.0	N	<name> and <emph> do not appear to import within <event>	
<eventgrp><event>		note_chronology.items[].events[]		2/28/2020 DM	2.7.0	Y		
other nested and inline elements		treat as mixed content						
WHEN @type = deflist OR @type = NULL AND <defitem> present								
<list>		note_definedlist						
<head>		note_definedlist.title						
<defitem>	WHEN <list> @type = deflist							
<label>		note_definedlist.items[].label						
<item>		note_definedlist.items[].value						
ELSE WHEN @type != deflist AND <defitem> not present								
<list>		note_orderedlist						
<head>		note_orderedlist.title						
<item>		note_orderedlist.items[]						
CONTAINER INFORMATION								
Up to three container elements can be imported per <c>.								
The Asterisks in the target element field below represents the numbers "1", "2", or "3" depending on which <container> tag the data is coming from								
<container>		instance.instance_type = mixed_materials instance.container.indicator_*						
@type		container.type_*						
DAO's								
<dao>		instance.instance_type = digital_object						
@title		instance.digital_object.title						
@role		instance.digital_object.file_versions[].use_statement						
@href		instance.digital_object.file_versions[].uri						
@actuate		instance.digital_object.file_versions[].xlink_actuate_attribute						
@show		instance.digital_object.file_versions[].xlink_show_attribute						
<daogrp>	EACH <daoloc> within <daogrp> treated as individual file_versions within a single digital_object instance.	instance.instance_type = digital_object	Should these end up being components?					
@role		instance.digital_object.file_versions[].use_statement						
@href		instance.digital_object.file_versions[].uri						
@label		instance.digital_object.file_versions[].title						
<daodesc>		instance.digital_object.title						
REFERENCES & IDENTIFIERS								
<ptr>	id and target resolve to the note, subject, name, or archival_object in which reference occurs occurs.	@target="component_id"	basically editing mixed content inline					
<ptrloc>	id and target resolve to the note, subject, name, or archival_object in which reference occurs occurs.	@target="component_id"	basically editing mixed content inline					
<ref>	id and target resolve to the note, subject, name, or archival_object in which reference occurs occurs.	@target="component_id"	basically editing mixed content inline					
<refloc>	id and target resolve to the note, subject, name, or archival_object in which reference occurs occurs.	@target="component_id"	basically editing mixed content inline					
FORMAT & STRUCTURE								
<archdesc>								
@level	IF != NULL	resource.level						
	ELSE	resource.level = otherlevel						
@otherlevel		resource.other_level						
<c>								
@level	IF != NULL	archival_object.level						
	ELSE	archival_object.level = otherlevel						
@otherlevel		archival_object.other_level						
@id		archival_object.ref_id						
<c01> through <c12>								
@level	IF != NULL	archival_object.level						
	ELSE	archival_object.level = otherlevel						
@otherlevel		archival_object.other_level						
@id		archival_object.ref_id						
MIXED CONTENT								
This list is not exclusive, some of the elements above are imported as mixed content in specific contexts (e.g. names).								
<abbr>								
<address>								
<addressline>								
<archref>								
<bibseries>								
<blockquote>								
<colspec>								
<edition>								
<emph>								
<entry>								
<expan>								
<extptr>								
<extptrloc>								
<extref>								
<extrefloc>								
<imprint>								
<label>								
<language>								
<lb>								
<linkgrp>								
<num>								
<p>								
<ptrgrp>								
<publisher>								
<resource>								
<row>								
<runner>								
<table>								
<tbody>								
<tgroup>								
<thead>								
<titlepage>								
NOT IMPORTED								
<arc>			Not supporting arcs					
<archdescgrp>			Not supporting EADgrp archdescgrp					
<creation>								
<descgrp>								
<dscgrp>								
<eadgrp>			Not supporting the EADgrp dtd.					
<eadheader>								
<filedesc>								
<frontmatter>								
<publicationstmt>								
<repository>			don't bring it in on ingest					
<daogrp>								

Export Mapping for resource from ArchivesSpace to EAD2002

Last Updated: 8/31/2013

ArchivesSpace Data Fields		Constant or	Processing / Formatting Directions	EAD Elements
Object	**Property**			
n/a	n/a	constant		<ead xsi:schemaLocation="urn:isbn:1-931666-22-9 http://www.loc.gov/ead/ead.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:ns2="http://www.w3.org/1999/xlink" xmlns="urn:isbn:1-931666-22-9">
EADHEADER				
				<eadheader
resource	finding_aid_status	variable		findaidstatus="**finding_aid_status**"
n/a	n/a	constant		repositoryencoding="iso15511" countryencoding="iso3166-1" dateencoding="iso8601" langencoding="iso639-2b">
repository	country	variable		<eadid countrycode="**country**"
repository	country org_code	variable	IF country = NULL OR org_code = NULL do not include the @mainagencycode attribute	mainagencycode="**country + '-' +org_code**"
resource	ead_location	variable		url="**ead_location**">
resource	ead_id	variable		**ead_id**
				</eadid>
				<filedesc>
				<titlestmt>
				<titleproper>
resource	finding_aid_title	variable		**finding_aid_title**
resource	id_0	variable		<num>**id_0**
resource	id_1	variable	IF id_1 != NULL	**.id_1**
resource	id_2	variable	IF id_2 != NULL	**.id_2**
resource	id_3	variable	IF id_3 != NULL	**.id_3**
				</num>
				</titleproper>
resource	finding_aid_author	variable		<author>Finding aid prepared by **author**</author>
resource	finding_aid_sponsor	variable		<sponsor>**finding_aid_sponsor**</sponsor>
resource	finding_aid_filing_title	variable		<titleproper type="filing">**finding_aid_filing_title**</titleproper>
				</titlestmt>
				<editionstmt>
resource	finding_aid_edition_statement	variable		**finding_aid_edition_statement**
				</editionstmt>
				<publicationstmt>
repository	name	variable		<publisher>**name**</publisher>
				<address>
repository.agent.agent_contacts[0]	address_1	variable	IF address_1 != NULL	<addressline>**address_1**</addressline>
repository.agent.agent_contacts[0]	address_2	variable	IF address_2 != NULL	<addressline>**address_2**</addressline>
repository.agent.agent_contacts[0]	address_3	variable	IF address_3 != NULL	<addressline>**address_3**</addressline>
repository.agent.agent_contacts[0]	city region post_code	variable		<addressline>**city + ', ' + region + ' ' + post_code**</addressline>
repository.agent.agent_contacts[0]	telephone	variable	IF telephone != NULL	<addressline>**telephone**</addressline>
repository.agent.agent_contacts[0]	email	variable	IF email != NULL	<addressline>**email**</addressline>
				</address>
repository	image_url	variable	IF image_url != NILL	<extref xlink:href="**image_url**" xlink:actuate="onLoad" xlink:show="embed" xlink:linktype="simple"/>
resource	finding_aid_date	variable		<date>**finding_aid_date**</date>
				</publicationstmt>
				<seriesstmt>
resource	finding_aid_series_statement	variable		**finding_aid_series_statement**
				</seriesstmt>
				<notestmt>
				<note>
resource	finding_aid_note	variable		**finding_aid_note**
				</note>
				</notestmt>
				</filedesc>
				<profiledesc>
				<creation>
n/a	n/a	constant		This finding aid was produced using ArchivesSpace on
n/a	n/a	variable	Date and timestamp of finding aid's export	<date>**date and timestamp of export**</date>.
				</creation>
resource	finding_aid_language	variable		<langusage>**finding_aid_language**</langusage>
resource	finding_aid_description_rules	variable	requires translation	<descrules>**!18n.t(finding_aid_description_rules)**</descrules>
				</profiledesc>
				<revisiondesc>
				<change>
resource	finding_aid_revision_date	variable		<date>**finding_aid_revision_date**</date>
resource	finding_aid_revision_description	variable		<item>**finding_aid_revision_description**</item>
				</change>
				</revisiondesc>
				</eadheader>
ARCHDESC (Resource records)				
resource	level	variable		<archdesc level="**level**"
resource	other_level	variable	IF other_level != NULL include @otherlevel ELSE omit	otherlevel="**other_level**">
				<did>
resource	title	variable		<unittitle>**title**</unittitle>
resource	id_0	variable		<unitd>**id_0**
resource	id_1	variable	IF id_1 != NULL	**.id_1**
resource	id_2	variable	IF id_2 != NULL	**.id_2**
resource	id_3	variable	IF id_3 != NULL	**.id_3**
				</unitid>

				<repository>
repository	name	variable		<corpname>**name**</corpname>
				</repository>
				<langmaterial>
resource	language	variable	requires translation	<language langcode="**language**">**l18n.t(language)**</language>
				</langmaterial>
instance.container	type_1	variable		<container type="**type_1**"
instance	instance_type	variable	needs translation	label="**l18n.t(instance_type)**
instance.container	barcode	variable	IF barcode != NULL	(**barcode**)
				">
instance.container	indicator_1	variable		**indicator_1**
				</container>
instance.container	type_2	variable		<container type="**type_2**">
instance.container	indicator_2	variable		**indicator_2**
				</container>
instance.container	type_3	variable		<container type="**type_3**">
instance.container	indicator_3	variable		**indicator_2**
				</container>
				<physdesc>
extent	container_summary	variable	Repeat for each extent statement	<extent>**container_summary**</extent>
	number			
extent	extent_type	variable		<extent>**number + " " + l18n.t(extent_type)**</extent>
				</physdesc>
date		variable	Repeat for each date statement	<unitdate
	begin		IF date_type = single OR begin = end OR end = null	normal="**begin/begin**"
date	end	variable	ELSE	normal="**begin/end**"
			IF date_type = single OR inclusive	type="inclusive">
			ELSE	type="bulk">
date	date_type	variable	IF date_type = bulk and date_expression = NULL	bulk
	begin		IF date_expression != NULL	**date_expression**
	end		ELSE IF begin = end OR end = NULL	**begin**
date	date_expression	variable	ELSE	**begin-end**
				</unitdate>
DID NOTES	**notes in the did section do not contain title information**			
note	type	variable	WHEN type = abstract	<abstract
			WHEN type = dimensions	<physdesc><dimensions
			WHEN type = physdesc	<physdesc
			WHEN type = langmaterial	<langmaterial
			WHEN type = physloc	<physloc
			WHEN type = materialspec	<materialspec
			WHEN type = physfacet	<physdesc
note	persistent_id			id="**persistent_id**">
note	content	variable		**content**
				</ … >
NAMES with the function of creator OR source				
Names are treated the same except that when agent_type = agent_person THEN the container element is <persname>, when agent_type = agent_family THEN <famname>, when agent_type = agent_corporate_entity THEN <corpname>.				
agent	role	variable		<origination label="**role**">
				<
agent	agent_type	variable	IF agent_type = agent_person THEN	persname
			ELSE IF agent_type = agent_familyTHEN	famname
			ELSE IF agent_type = agent_corporate_entity THEN	corpname
agent.name[0]	rules	variable		rules="**rules**"
agent.name[0]	source	variable		source="**source**"
agent.name[0]	relator	variable		role="**relator**">
agent.name[0]	sort_name	variable		**sort_name**
				</**...name**>
				</origination>
				</did>
NOTES				
note	type	variable	WHEN type = accruals	<accruals
			WHEN type = appraisal	<appraisal
			WHEN type = arrangement	<arrangement
			WHEN type = bioghist	<bioghist
			WHEN type = accessrestirct	<accessrestrict
			WHEN type = userestrict	<userestrict
			WHEN type = custodhist	<custodhist
			WHEN type = altformavail	<altformavail
			WHEN type = originalsloc	<originalsloc
			WHEN type = fileplan	<fileplan
			WHEN type = odd	<odd
			WHEN type = acqinfo	<acqinfo
			WHEN type = otherfindaid	<otherfindaid
			WHEN type = phystech	<phystech
			WHEN type = prefercite	<prefercite
			WHEN type = processinfo	<processinfo
			WHEN type = relatedmaterial	<relatedmaterial
			WHEN type = scopecontents	<scopecontent
			WHEN type = separatedmaterial	<separatedmaterial
note	persistent_id	variable		id="**persistent_id**">
			UNLESS content starts with "<head"	<head>
note	label	variable	IF label != NULL THEN	**label**
note	type		ELSE	**l18n.t(type)**
				</head>

note	content	variable	FOR EACH content	**content**
				</ … >
STRUCTURED NOTES				
note_bibliography	persistent_id	variable		<bibliography id="**persistent_id**">
note_bibliography	label	variable		<head>**label**</head>
note_bibliography	content	variable		**content**
note_bibliography	items	variable	FOR EACH items AS item	<bibref>**item**</bibref>
				</bibliography>
note_index	persistent_id	variable		<index id="**persistent_id**">
note_index	label	variable		<head>**label**</head>
note_index	content	variable		**note**
			FOR EACH items	<indexentry>
				<
note_index.items	type	variable	IF type = Corporate Name	corpname
			ELSE IF type = Genre Form	genreform
			ELSE IF type = Name	name
			ELSE IF type = Occupation	occupation
			ELSE IF type = Personal Name	persname
			ELSE type = Subject	subject
			ELSE IF type = Family name	famname
			ELSE IF type = Function	function
			ELSE IF type = Geographic Name	geogname
			ELSE type = Title	title
				>
note_index.items	value	variable		**value**
				</. . . . >
note_index.items	reference	variable		<ref target="**reference**">
note_index.items	reference_text	variable		**reference_text**
				</ref>
				</indexentry>
				</index>
MIXED CONTENT NOTE PARTS				
mixed content note parts will only be present within a container note element, for the purpose of illustration biographical/historical note in this example:				<bioghist>
				<head>Biographical/Historical note</head>
Chronology				
				<chronlist>
note_chronology	title	variable		<head>**title**</head>
			FOR EACH Items	<chronitem>
note_chronology.items	event_date	variable		<date>**eventDate**</date>
				<eventgrp>
note_chronology.items	events	variable	FOR EACH events AS event	<event>**event**</event>
				</eventgrp>
				</chronitem>
				</chronlist>
Ordered List				
note_orderedlist	enumeration			<list numeration="**enumeration**"
n/a	n/a	constant		type="ordered">
note_orderedlist	title	variable		<head>**title**</head>
			FOR EACH items AS item	<item>
note_orderedlist.items		variable		**item**
				</item>
				</list>
Definition List				
n/a	n/a	constant		<list type="deflist">
note_definedlist	title	variable		<head>**title**</head>
			FOR EACH Items	<defitem>
note_definedlist	label	variable		<label>**label**</label>
note_definedlist	value	variable		<item>**value**</item>
				</defitem>
				</list>
				</bioghist>
DAO SECTIONS				
If digital_object_id != NULL THEN create one <dao> for the parent digital object, and no <dao>'s for the associated files				<dao
digital_object	digital_object_id	variable	IF file_versions[0] != NULL THEN	href="file_versions[0].file_url"
			ELSE	href="digital_object_id"
digital_object.file_versions[0]	xlink_actuate_attribute	variable	IF xlink_actuate_attribute != NULL THEN	xlink:actuate="**xlink_actuate_attribute**"
				xlink:actuate="onRequest"
digital_object.file_versions[0]	xlink_show_attribute	variable	IF xlink_show_attribute != NULL THEN	xlink:show="**xlink_show_attribute**"
			ELSE	xlink:show="new"
digital_object	title	variable	IF title != NULL THEN	xlink:title="**title**">
digital_object.date[0]	date_expression		ELSE, IF date_expression != NULL	xlink:title="**date_expression**">
digital_object.date[0]	begin end		ELSE	xlink:title="**begin/end**">
				<daodesc>
digital_object	title date_expression	variable	IF title != NULL AND date_expression != NULL THEN	**title': 'date_expression**
digital_object	title begin end		ELSE, IF title != NULL AND date_expression = NULL AND begin != end THEN	**title': 'begin'-'end**
digital_object	title begin end		ELSE, IF title != NULL AND date_expression = NULL AND begin = end THEN	**title': 'begin**
digital_object	title date_expression		IF title = NULL AND date_expression != NULL THEN	**date_expression**
digital_object	title begin end		ELSE, IF title = NULL AND date_expression = NULL AND begin != end THEN	**begin'-'end**
digital_object	title begin end		ELSE, IF title = NULL AND date_expression = NULL AND begin = end THEN	**begin**

				</daodesc>
				</dao>
ELSE IF digital_object_id = NULL THEN create one <dao> FOR EACH associated file				
digital_object.file_versions			FOR EACH file_versions AS file_version	<dao
file_version	xlink_actuate_attribute	variable	IF xlink_actuate_attribute != NULL THEN	xlink:actuate="**xlink_actuate_attribute**"
			ELSE	xlink:actuate="onRequest"
file_version	xlink_show_attribute	variable	IF xlink_actuate_attribute != NULL THEN	xlink:show="**xlink_show_attribute**"
			ELSE	xlink:show="embed"
digital_object	title	variable	IF title != NULL THEN	xlink:title="**title**"
digital_object	date_expression		ELSE, IF date_expression != NULL	xlink:title="**date_expression**"
digital_object	begin end		ELSE	xlink:title="**begin/end**"
file_version	use_statement	variable		xlink:role="**use_statement**"
file_version	file_uri	variable		xlink:href="**file_uri**">
digital_object	title	variable	IF title != NULL	**title**
digital_object	dates	variable	IF LEN(dates) > 0	**:**
digital_object.dates[0]	date_expression		IF date_expression != NULL THEN	**date_expression**
digital_object	title		ELSE IF begin = end OR date_type = single	**begin**
	begin end		ELSE	**begin-end**
				</daodesc>
				</dao>
CONTROLLED ACCESS				
				<controlaccess>
Agents with role = subject or source				
				<
agent	agent_type	variable	IF agent_type = agent_person THEN	persname
			ELSE IF agent_type = agent_family THEN	famname
			ELSE IF agent_type = corporate_entity THEN	corpname
agent	rules	variable		rules="**rules**"
agent	source	variable		source="**source**"
agent	relator	variable	IF relator != NULL	role="**relator**"
agent	role	variable	ELSE IF role = source	role="fmo"
				>
agent.names[0]	sort_name	variable		**sort_name**
agents	terms		IF LEN(terms) > 0 FOR EACH terms AS term	-- **term**
				</...name>
				</origination>
****Names with the function of source are not mapped****				
Subjects				
				<
subject.terms[0]	term_type	variable	IF term_type = function	function
			ELSE IF term_type = genre_form | style_period	genreform
			ELSE IF term_type = geographic | cultural_context	geogname
			ELSE IF term_type = occupation	occupation
			ELSE IF term_type = topical	subject
			ELSE IF term_type = uniform_title	title
subject	source	variable		source="**source**">
subject	terms[0]	variable		**term**
subject	terms	variable	FOR EACH terms[1:] AS term	-- **term.term**
				</. . . >
				</controlaccess>
DSC (Resource Components)				
Resource component records are almost exactly the same as the top level resource <archdesc> record. The divergent data is grouped immediately below with differences in black text.				
The differences are: the container element is <c> instead of <archdesc>, there is an id attribute in the <c> element.				
Subrecords like notes, controlled access points, etc. associated with resource components follow the same rules above as for resources.				
				<dsc>
				<c
archival_object	ref_id	variable		id="**ref_id**"
archival_object	level	variable		level="**level**"
archival_object	other_level	variable	IF otherLevel != NULL include @otherlevel ELSE omit	otherlevel="**other_level**">
				<did>
archival_object	title	variable		<unittitle>**title**</unittitle>
archival_object	component_id	variable		<unitid>**component_id**</unitid>
				<langmaterial>
archival_object	language	variable		<language langcode="**language**">**I18n.t(language)**</languagE>
				</langmaterial>
instance.container	type_1	variable		<container type="**type_1**"
instance	instance_type	variable	needs translation	label="**I18n.t(instance_type)**
instance.container	barcode	variable	IF barcode != NULL	(**barcode**)
				">
instance.container	type_2	variable		<container type="**type_2**">
instance.container	indicator_2	variable		**indicator_2**
				</container>
instance.container	type_3	variable		<container type="**type_3**">
instance.container	indicator_3	variable		**indicator_2**
				</container>
				<physdesc>
extent	container_summary	variable	Repeat for each extent statement	<extent>**container_summary**</extent>
extent	number extent_type	variable		<extent>**number I18n.t(extent_type)**</extent>
				</physdesc>
date		variable	Repeat for each date statement	<unitdate

	begin		IF date_type = single OR begin = end OR end = null	normal="**begin/begin**"
date	end	variable	ELSE	normal="**begin/end**"
			IF date_type = single OR inclusive	type="inclusive">
			ELSE	type="bulk">
date	date_type	variable	IF date_type = bulk and date_expression = NULL	bulk
	begin		IF date_expression != NULL	**date_expression**
	end		ELSE IF begin = end OR end = NULL	**begin**
date	date_expression	variable	ELSE	**begin-end**
				</unitdate>
				</c>
				</dsc>
				</archdesc>
				</ead>

Export Mapping for resource from ArchivesSpace to EAD3

Last Updated by Noah Huffman to reflect EAD3 export behavior in v2.2 — 10/30/2017

Red highlighting indicates areas where mapping decisions might need more analysis/feedback

ArchivesSpace Data Fields		Constant or Variable	Processing / Formatting Directions	EAD3 Elements	Notes / Discussion
Object	Property				
n/a	n/a	constant	Default to RNG validation	<?xml version="1.0" encoding="UTF-8"?> <?xml-model href="https://raw.githubusercontent.com/SAA-SDT/EAD3/master/ead3.rng" type="application/xml" schematypens="http://relaxng.org/ns/structure/1.0"?> <ead xmlns="http://ead3.archivists.org/schema/">	Default to RNG validation on export. Future work may provide option to specify XSD or DTD validation
Control					
				<control	
n/a	n/a	constant		repositoryencoding="iso15511" countryencoding="iso3166-1" dateencoding="iso8601" relatedencoding="marc" langencoding="iso639-2b" scriptencoding="iso15924">	
				<recordid	
resource	ead_location			instanceurl="ead_location"	
resource	ead_id			ead_id	
				</recordid>	
				<filedesc>	<filedesc> is mostly unchanged from EAD2002
				<titlestmt>	
				<titleproper>	
resource	finding_aid_title	variable		finding_aid_title	
				</titleproper>	
resource	finding_aid_filing_title	variable		<titleproper localtype="filing">finding_aid_filing_title</titleproper>	@type becomes @localtype
resource	finding_aid_author	variable		<author>Finding aid prepared by finding_aid_author</author>	
resource	finding_aid_sponsor	variable		<sponsor>finding_aid_sponsor</sponsor>	
				</titlestmt>	
				<editionstmt>	
resource	finding_aid_edition_statement	variable		finding_aid_edition_statement	
				</editionstmt>	
				<publicationstmt>	
repository	name	variable		<publisher>name</publisher>	
				<address>	
repository.agent.agent_contacts[0]	address_1	variable	IF address_1 != NULL	<addressline>address_1</addressline>	
repository.agent.agent_contacts[0]	address_2	variable	IF address_2 != NULL	<addressline>address_2</addressline>	
repository.agent.agent_contacts[0]	address_3	variable	IF address_3 != NULL	<addressline>address_3</addressline>	
repository.agent.agent_contacts[0]	city region post_code	variable		<addressline>city + ', ' + region + ' ' + post_code</addressline>	
repository.agent.agent_contacts[0]	telephone	variable	IF telephone != NULL	<addressline localtype="telephone">telephone</addressline>	add @localtype="telephone"
repository.agent.agent_contacts[0]	email	variable	IF email != NULL	<addressline localtype="email">email</addressline>	add @localtype="email"
repository	url	va	IF url != NULL	<addressline localtype="url">url</addressline>	
				</address>	
repository	image_url	variable	IF image_url != NULL	<ptr href="image_url" actuate="onLoad" show="embed"/>	<extref> becomes <ptr>
resource	finding_aid_date	variable		<date>finding_aid_date</date>	
				</publicationstmt>	
				<seriesstmt>	
resource	finding_aid_series_statement	variable		finding_aid_series_statement	
				</seriesstmt>	
				<notestmt>	
				<controlnote>	
resource	finding_aid_note	variable		finding_aid_note	
				</controlnote>	
				</notestmt>	
				</filedesc>	
n/a	n/a	constant		<maintenancestatus value="derived"></maintenancestatus>	Default to @value="derived" to indicate EAD is derived from "another descriptive system" per EAD3 usage guidelines
				<maintenanceagency>	
repository	country orgcode	variable	IF country = NULL OR org_code = NULL omit the <agencycode> element	<agencycode>country + '.' +org_code</agencycode>	
repository	name			<agencyname>name</agencyname>	
				</maintenanceagency>	
				<languagedeclaration>	
resource	finding_aid_language	variable		<language>finding_aid_language</language>	Omit @langcode attribute. Current AS data model does not support use of controlled language values in finding_aid_language field. Ideally, the AS data model would support use of the langcode value list in the finding aid data section. The field should be repeatable to accommodate multi-lingual finding aids.
n/a	n/a	constant		<script scriptcode="Latn">Latin</script>	Script is required in EAD3 but not stored in ASpace. Default to <script scriptcode="Latn" >Latin</script>? A bit presumptious, but not sure of an alternative.
				</languagedeclaration>	
				<conventiondeclaration>	
resource	finding_aid_description_rules	variable		<abbr>finding_aid_description_rules</abbr>	
resource	finding_aid_description_rules	variable	requires translation	<citation>I18n.t(finding_aid_description_rules)</citation>	
				</conventiondeclaration>	
resource	finding_aid_status	variable		<localcontrol localtype="findaidstatus"> <term>finding_aid_status</term>	Map "findaidstatus" values in ArchivesSpace to <localcontrol> instead of <publicationstatus>. <publicationstatus> only accepts "inprocess", "approved" and "published", whereas ASpace findaidstatus values are configurable. This mimics the behavior of the current EAD2002>EAD3 stylesheet, which crosswalks eadheader/@findaidstatus to <localcontrol> Locally configurable list of finding_aid_status values
				</localcontrol>	
				<maintenancehistory>	
			Include a <maintenanceevent> for the export event itself		
				<maintenanceevent>	
n/a	n/a	constant		<eventtype value="derived"></eventtype>	Default to 'derived'
n/a	n/a	variable	Date and timestamp of finding aid's export	<eventdatetime>[date and timestamp of export]</eventdatetime>	
n/a	n/a	constant		<agenttype value="machine"></agenttype>	
name_software	software_name version	variable	Name of ArchivesSpace software agent and version	<agent>software_name + version</agent>	Include version number of ArchivesSpace (e.g. ArchivesSpace v2.2.0)
n/a	n/a	variable	Date and timestamp of finding aid's export	<eventdescription>This finding aid was produced using ArchivesSpace on [date and timestamp of export]</eventdescription>	
				</maintenanceevent>	
			Repeat a <maintenanceevent> for each Revision Statement	<maintenanceevent>	Future work could change the ASpace data model to move finding_aid_revision statements to an event record. Would then have more controlled time and agent info.
n/a	n/a	constant		<eventtype value="revised"></eventtype>	
resource	finding_aid_revision_date	variable		<eventdatetime>finding_aid_revision_date</eventdatetime>	
n/a	n/a	constant		<agenttype value="unknown"></agenttype>	
resource	finding_aid_revision_description	variable		<agent></agent> <eventdescription>finding_aid_revision_description</eventdescription>	Ideally, AS would export the name of the user who created/modified the revision_description note. However, looking in the database, it appears that the created_by and last_modified_by fields in the revision_statement table note the usernames of users who created or modified the entire resource record or some portion of it and not the revision statement itself...
				</maintenanceevent>	
				</maintenancehistory>	
				</control>	
ARCHDESC (Resources)					
resource	level	variable		<archdesc level="level"	
resource	other_level	variable	IF other_level != NULL include @otherlevel ELSE omit	otherlevel="other_level">	
				<did>	
resource	title	variable		<unittitle>title</unittitle>	
resource	id_0	variable		<unitid>id_0	
resource	id_1	variable	IF id_1 != NULL	,id_1	
resource	id_2	variable	IF id_2 != NULL	,id_2	
resource	id_3	variable	IF id_3 != NULL	,id_3	

				</unitid>		
				<repository>		
				<corpname>		
repository	name	variable		<part>name</part>	add <part> as child of <corpname>.	
				</corpname>		
				</repository>		
				<langmaterial>		
resource	language	variable	requires translation	<language langcode="language">i18n.t(language)</language>		
				</langmaterial>		
instance.top_container	type	variable		<container localtype="type"		
instance.top_container	id	variable		id="id"		
instance	instance_type	variable	needs translation	label="i18n.t(instance_type)"		
instance.top_container	barcode	variable	IF barcode != NULL	containerid="barcode">	add @containerid for barcode value. As of EAD3 v1., barcode values must be valid NMTOKEN values (cannot contain special characters). Should be fixed in EAD3 v1.1 release.	
instance.top_container	indicator	variable		indicator		
				</container>		
instance.container	type_2	variable		<container localtype="type_2">		
instance.container	id	variable		id="id"		
instance.container	parent_id	variable		parent="parent_id"		
instance.container	indicator_2	variable		indicator_2		
				</container>		
instance.container	type_3	variable		<container localtype="type_3">		
instance.container	id	variable		id="id"		
instance.container	parent_id	variable		parent="parent_id"		
instance.container	indicator_3	variable		indicator_3		
				</container>		
					Omit <physdescset> until @coverage and @parallel added to AS data model for extents.	
EXTENTS			<physdescstructured> for each structured extent statement	<physdescstructured		
extent	portion	variable		coverage="portion"	portion values in ASpace can be: part, whole	
extent	extent_type	constant	For extent_types included with ASpace, use the mappings below, otherwise default to spaceoccupied: materialtype: cassettes leaves photographic_prints photographic_slides reels sheets volumes spaceoccupied: cubic_feet linear_feet boxes folders otherphysdescstructuredtype: gigabytes megabytes terabytes	physdescstructuredtype="[see mappings at left]">	@physdescstructuredtype is required, values limited to: carrier, materialtype, otherphysdescstructuredtype, spaceoccupied. Exporter infers @physdescstructuredtype value from extent_type controlled value list (e.g. linear feet = spaceoccupied). For extent_type values that are not part of stock ASpace settings, default to spaceoccupied.	
extent	number	variable		<quantity>number</quantity>		
extent	extent_type	variable		<unittype>type</unittype>		
extent	physical_details	variable	IF physical_details != NULL	<physfacet>physical_details</physfacete>	Map physical_details to <physfacet>. Seems consistent with usage guidelines in EAD3 and ASpace	
extent	dimensions	variable	IF dimensions != NULL	<dimensions>dimensions</dimensions>	For phydescstructured/dimensions, only export dimension statements that are part of an ASpace extent record, not dimension statements that are stored separately as notes in ASpace	
				</physdescstructured>		
extent	container_summary	variable	Repeat for each container summary within an extent subrecord	<physdesc localtype="container_summary">container_summary</physdesc>	Map container_summary to unstructured <physdesc> with localtype attribute value of 'container_summary'. With this approach, <physdesc> elements are not explicitly associated with the corresponding <physdescstructured> element in the EAD3 export if an ASpace extent record includes both a structured extent statement and a container_summary. Not sure of an alternative here. ASpace data model could be modified to uncouple the container_summary and structured extent statements.	
DATES (STRUCTURED)						
date		variable	Repeat for each structured date statement (IF begin != NULL or end != NULL)	<unitdatestructured		
date	certainty	variable	IF certainty != NULL	certainty="certainty"		
date	era	variable	IF era != NULL	era="era"		
date	calendar	variable	IF calendar != NULL	calendar="calendar"		
date	type	variable	IF date_type = single OR inclusive IF date_type = bulk	unitdatetype="inclusive"> unitdatetype="bulk">		
Single Date						
date	type	variable	IF date_type = single	<datesingle		
date	begin	variable		standarddate="begin">		
date	date_expression begin	variable	IF date_expression != NULL ELSE	date_expression begin		
				</datesingle>		
Date range						
date	type	variable	IF date_type = inclusive or bulk	<daterange>	AS data model only supports one date_expression text string that applies to the entire date range, not a separate fromdate and todate expression as expected in EAD3. Decision: If a date record in ASpace has begin and end dates as well as a date expression, export the normalized dates in <daterange> and the date expression in <unitdate>. Example: <unitdatestructured unitdatetype="inclusive"> <daterange> <fromdate standarddate="1900">1900</fromdate> <todate standarddate="1901">1901</todate> </daterange> </unitdatestructured> <unitdate unitdatetype="inclusive">1900-1901 and undated</unitdate>	
date	begin	variable	IF begin != NULL	<fromdate standarddate="begin">begin</fromdate>	Current ASpace data model does not accommodate @notbefore or @notafter for uncertain dates. The certainty value applies to the entire date, not parsed into begin date certainty and end date certainty. Therefore, default to @standarddate attribute.	
date	end	variable	IF end != NULL	<todate standarddate="end">end</todate>	Omit <todate> entirely if end = NULL	
				</daterange>		
				</unitdatestructured>		
DATES (UNSTRUCTURED)						
	date_expression					
	begin					
date	end	variable	Repeat for each unstructured date statement (IF date_expression != NULL)	<unitdate		
date	date_type	variable	IF date_type = single OR inclusive IF date_type = bulk	unitdatetype ="inclusive" unitdatetype="bulk"		
date	certainty	variable	IF certainty != NULL	certainty="certainty"		
date	era	variable	IF era != NULL	era="era"		
date	calendar	variable	IF calendar != NULL	calendar="calendar"		
				>		
date	date_expression	variable		date_expression		
				</unitdate>		
DID NOTES	notes in the did section do not contain title information					
note	type	variable	WHEN type = abstract	<abstract		
			WHEN type = dimensions	<physdesc @localtype="dimensions">	Dimension statements stored as notes in ASpace map to to generic <physdesc @localtype=" dimensions">. <dimension> is no longer a valid child of <phydesc> in EAD3.	
			WHEN type = physdesc	<physdesc	Beware that existing physdesc notes may contain mixed tagging (e.g. <extent> tags) that produce invalid EAD3 on export.	
			WHEN type = langmaterial	<langmaterial><language>	Ideally, free-text language of materials notes would map to langmaterial/descriptivenote, but a language element is required as child of langmaterial.	
			WHEN type = physloc	<physloc		
			WHEN type = materialspec	<materialspec		
			WHEN type = physfacet	<physdesc		
note	persistent_id			id="persistent_id">		
note	content	variable		content		
				</ … >		
NAMES with the function of creator OR source						

Names are treated the same except that when agent_type = agent_person THEN the container element is <persname>, when agent_type = agent_family THEN <famname>, when agent_type = agent_corporate_entity THEN <corpname>.					
agent	role	variable		<origination label="role">	
				<	
agent	agent_type	variable	IF agent_type = agent_person THEN	persname	
			ELSE IF agent_type = agent_family THEN	famname	
			ELSE IF agent_type = agent_corporate_entity THEN	corpname	
agent.name[0]	rules	variable		rules="rules"	
agent.name[0]	source	variable		source="source"	
agent.name[0]	relator	variable		relator="relator"	@role becomes @relator in EAD3
agent.name[0]	authority_id	variable	IF authority_id != NULL	identifier="authority_id">	add @identifier for authority_id, ideally a URI
agent.name[0]	sort_name	variable		<part>sort_name</part>	Consistent with EAD2002 exports, just use the sort_name in a single <part> element for now. Future work might define name part types for each ASpace name field. Would also need to respect those part types for import. Need feedback on sort_name approach, but it seems the simplest in the short term. See fuller note on name parts in <controlaccess> section below.
				</...name>	
				</origination>	
				</did>	
NOTES					
note	type	variable	WHEN type = accruals	<accruals	
			WHEN type = appraisal	<appraisal	
			WHEN type = arrangement	<arrangement	
			WHEN type = bioghist	<bioghist	
			WHEN type = accessrestirct	<accessrestrict	
			WHEN type = userestrict	<userestrict	
			WHEN type = custodhist	<custodhist	
			WHEN type = altformavail	<altformavail	
			WHEN type = originalsloc	<originalsloc	
			WHEN type = fileplan	<fileplan	
			WHEN type = odd	<odd	
			WHEN type = acqinfo	<acqinfo	
			WHEN type = otherfindaid	<otherfindaid	
			WHEN type = phystech	<phystech	
			WHEN type = prefercite	<prefercite	
			WHEN type = processinfo	<processinfo	
			WHEN type = relatedmaterial	<relatedmaterial	
			WHEN type = scopecontents	<scopecontent	
			WHEN type = separatedmaterial	<separatedmaterial	
			WHEN type = legalstatus	<legalstatus	
			WHEN type= dimensions	<phydesc @localtype="dimensions"	<dimension> can only be a child of <physdescstructured>. So, when stored as a note in ASpace, export as generic <physdesc> with localtype attribute.
note	persistent_id	variable		id="persistent_id">	
			UNLESS content starts with "<head"	<head>	
note	label	variable	IF label != NULL THEN	label	
note	type		ELSE	l18n.t(type)	
				</head>	
note	content	variable	FOR EACH content	content	
				</ ... >	
STRUCTURED NOTES					
note_bibliography	persistent_id	variable		<bibliography id="persistent_id">	
note_bibliography	label	variable		<head>label</head>	
note_bibliography	content	variable		content	
note_bibliography	items	variable	FOR EACH items AS item	<bibref>item</bibref>	
				</bibliography>	
note_index	persistent_id	variable		<index id="persistent_id">	
note_index	label	variable		<head>label</head>	
note_index	content	variable		content	
			FOR EACH items	<indexentry>	
				<	
note_index.items	type	variable	IF type = Corporate Name	corpname	
			ELSE IF type = Genre Form	genreform	
			ELSE IF type = Name	name	
			ELSE IF type = Occupation	occupation	
			ELSE IF type = Personal Name	persname	
			ELSE type = Subject	subject	
			ELSE IF type = Family name	famname	
			ELSE IF type = Function	function	
			ELSE IF type = Geographic Name	geogname	
			ELSE type = Title	title	
				>	
note_index.items	value	variable		value	
				</. . . >	
note_index.items	reference	variable		<ref target="reference">	
note_index.items	reference_text	variable		reference_text	
				</ref>	
				</indexentry>	
				</index>	
MIXED CONTENT NOTE PARTS					
mixed content note parts will only be present within a container note element, for the purpose of illustration biographical/historical note in this example:				<bioghist>	
				<head>Biographical/Historical note</head>	
Chronology					
				<chronlist>	
note_chronology	title	variable		<listhead>title</listhead>	
			FOR EACH Items	<chronitem>	
note_chronology.items	event_date	variable		<datesingle>eventDate</datesingle>	<date> becomes <datesingle> in EAD3. ASpace data model only supports single free text date field here, so <datesingle> could potentially include date ranges (e.g. 1900-1950), which is not ideal.
				<chronitemset>	<eventgrp> becomes <chronitemset>
note_chronology.items	events	variable	FOR EACH events AS event	<event>event</event>	
				</chronitemset>	
				</chronitem>	
				</chronlist>	
Ordered List					
note_orderedlist	enumeration		translate "arabic" to "decimal" for EAD3	<list numeration="enumeration"	
n/a	n/a	constant		listtype="ordered">	@type becomes @listtype
note_orderedlist	title	variable		<listhead>title</listhead>	
			FOR EACH items AS item	<item>	
note_orderedlist.items		variable		item	
				</item>	
				</list>	
Definition List					
n/a	n/a	constant		<list listtype="deflist">	@type becomes @listtype
note_definedlist	title	variable		<listhead>title</listhead>	
			FOR EACH Items	<defitem>	
note_definedlist	label	variable		<label>label</label>	
note_definedlist	value	variable		<item>value</item>	
				</defitem>	
				</list>	
				</bioghist>	
DAO SECTIONS					
If digital_object_id != NULL THEN create one <dao> for the parent digital object, and no <dao>'s for the associated files				<dao	Pretty sure that <dao>s are created for each file version even if a digital_object_id is present.
digital_object	digital_object_id	variable	IF file_versions[0] != NULL THEN	href="file_versions[0].file_uri"	
			ELSE	href="digital_object_id"	
digital_object.file_versions[0]	xlink_actuate_attribute	variable	IF xlink_actuate_attribute != NULL THEN	actuate="xlink_actuate_attribute"	
			ELSE	actuate="onRequest"	
digital_object.file_versions[0]	xlink_show_attribute	variable	IF xlink_show_attribute != NULL THEN	show="xlink_show_attribute"	
			ELSE	show="new"	

digital_object.file_version[0]	use_statement	variable	IF use_statement != NULL	localtype="use_statement"	dao/@role is no longer available. dao/@linkrole must be a URI not a string, so map file_version.use_statement to @localtype. This is consistent with examples in EAD tag library.
digital_object	digital_object_type	variable	IF digital_object_type != NULL	daotype="otherdaotype" otherdaotype="digital_object_type"	ASpace digital_object_type values are not limited to valid @daotype values, therefore supply @otherdaotype and then map ASpace digital_object_type value to @otherdaotype
			ELSE	daotype="unknown"	when no digital_object_type exists ASpace, supply @daotype="unknown"
digital_object	title	variable	IF title != NULL THEN	linktitle="title">	changed to @linktitle
digital_object.date[0]	date_expression		ELSE, IF date_expression != NULL	linktitle="date_expression">	
digital_object.date[0]	begin end		ELSE	linktitle="begin/end">	
				<descriptivenote>	<descriptivenote> just repeats data already present above. Future work could map any notes stored on the digital object to <descriptivenote>. For now, though, EAD3 export just replicates EAD2002 behavior.
digital_object	title date_expression	variable	IF title != NULL AND date_expression != NULL THEN	title': 'date_expression	
digital_object	title begin end		ELSE, IF title != NULL AND date_expression = NULL AND begin != end THEN	title': 'begin'-'end	
digital_object	title begin end		ELSE, IF title != NULL AND date_expression = NULL AND begin = end THEN	title': 'begin	
digital_object	title date_expression		IF title = NULL AND date_expression != NULL THEN	date_expression	
digital_object	title begin end		ELSE, IF title = NULL AND date_expression = NULL AND begin != end THEN	begin'-'end	
digital_object	title begin end		ELSE, IF title = NULL AND date_expression = NULL AND begin = end THEN	begin	
				</descriptivenote>	
				</dao>	
ELSE IF digital_object_id = NULL THEN create one <dao> FOR EACH associated file					same mappings as above
digital_object.file_versions			FOR EACH file_versions AS file_version	<dao	
file_version	xlink_actuate_attribute	variable	IF xlink_actuate_attribute != NULL THEN	actuate="xlink_actuate_attribute"	
			ELSE	actuate="onRequest"	
file_version	xlink_show_attribute	variable	IF xlink_actuate_attribute != NULL THEN	show="xlink_show_attribute"	
			ELSE	show="embed"	
file_version	use_statement	variable	IF use_statement != NULL	localtype="use_statement"	see discussion above
digital_object	digital_object_type	variable	IF digital_object_type != NULL	daotype="otherdaotype" otherdaotype="digital_object_type"	
			ELSE	daotype="unknown"	
digital_object	title	variable	IF title != NULL THEN	linktitle="title"	
digital_object	date_expression		ELSE, IF date_expression != NULL	linktitle="date_expression"	
digital_object	begin end		ELSE	linktitle="begin/end"	
file_version	file_uri	variable		href="file_uri">	
				<descriptivenote>	
digital_object	title	variable	IF title != NULL	title	
digital_object	dates	variable	IF LEN(dates) > 0	:	
digital_object.dates[0]	date_expression		IF date_expression != NULL THEN	date_expression	
digital_object	title begin end		ELSE IF begin = end OR date_type = single ELSE	begin begin-end	
				</descriptivenote>	
				</dao>	
CONTROLLED ACCESS					Continue support for <controlaccess>; postpone implementation of <relations> for now.
				<controlaccess>	
Agents with role = subject or source					
			FOR EACH agent	<	
agent	agent_type	variable	IF agent_type = agent_person THEN	persname	
			ELSE IF agent_type = agent_family THEN	famname	
			ELSE IF agent_type = corporate_entity THEN	corpname	
name_authority_id	authority_id	variable	IF authority_id != NULL	identifier = "authority_id"	add @identifier
agent	rules	variable		rules="rules"	
agent	source	variable		source="source"	
agent	relator	variable	IF relator != NULL	relator="relator"	add @relator
				>	
agent.names[0]	sort_name	variable		<part>sort_name	For now, continue existing practice of using sort_name for agents (don't worry about parsing names into parts). Separating names into parts would require defining name part types for each ASpace agent field and then using those values as part/@localtype values. Separating names into parts would also put an added responsibility on local stylesheets to display name strings properly, handling name order and supplying all the required punctuation. Local stylesheets or ASpace EAD>HTML and EAD>PDF translations would also need to supply the appropriate punctuation between name parts. It seems like the the simplest approach in the short term is to continue to export sort_name in a single <part> element. Maybe ASpace could provide an option for exporting/importing discrete name parts vs. the sort_name. It's likely that many institutions don't separate names into parts in ASpace (legacy data migrated from other systems). Any future work with name parts should be mindful of potential roundtripping issues with parsed or unparsed names. For example, if parts are concatenated on export into sort_name and then mapped to single field on import, duplicate name records would proliferate. However, ASpace could use the authorityID (if present) or ASpace identifier (@id) as a match point to avoid creating duplicate names in ASpace on import.
agents	terms		IF LEN(terms) > 0 FOR EACH terms AS term	-- term</part>	
				</...name>	
				</controlaccess>	
Names with the function of source are not mapped					
Subjects					
				<	
subject.terms[0]	term_type	variable	IF term_type = function	function	
			ELSE IF term_type = genre_form | style_period	genreform	
			ELSE IF term_type = geographic | cultural_context	geogname	
			ELSE IF term_type = occupation	occupation	
			ELSE IF term_type = topical	subject	
			ELSE IF term_type = uniform_title	title	
subject	authority_id	variable	IF authority_id != NULL	identifier = "authority_id"	added @identifier
subject	source	variable		source="source">	
				<part>	Added a single <part> element to hold all terms and subdivisions (see above discussion re: name parts).
subject	terms[0]	variable		term	
subject	terms	variable	FOR EACH terms[1:] AS term	-- term.term	
				</part>	
				</. . . >	
				</controlaccess>	
OSC (Resource Components)					
Resource component records are almost exactly the same as the top level resource <archdesc> record. The divergent data is grouped immediately below with differences in black text.					
The differences are: the container element is <c> instead of <archdesc>, there is an id attribute in the <c> element.					
Subrecords like notes, controlled access points, etc. associated with resource components follow the same rules above as for resources.					
				<dsc>	
				<c	continue to support export option for numbered or unnumbered components
archival_object	ref_id	variable	supply "aspace_" prefix	id="aspace_ref_id"	Continue EAD2002 exporter behavior to supply "aspace_" prefix to satisfy XML:ID type. Maybe a better solution is to change the ref_ID generating algorithm in ASpace so that it creates IDs beggining with letters by default, thus satisfying EAD's XML:ID type.
archival_object	level	variable		level="level"	
archival_object	other_level	variable	IF otherLevel != NULL include @otherlevel	otherlevel="other_level">	
			ELSE omit		
				<did>	

archival_object	title	variable		<unittitle>title</unittitle>		
archival_object	component_id	variable		<unitid>component_id</unitid>		
				<langmaterial>		
archival_object	language	variable		<language langcode="language">i18n.t(language)</languagE>		
				</langmaterial>		
instance.top_container	type	variable		<container localtype="type"	@type becomes @localtype	
instance	instance_type	variable	needs translation	label="I18n.t(instance_type)		
instance.top_container	barcode	variable	IF barcode != NULL	containerid="barcode">	add @containerid for barcodes.	
instance.top_container	indicator	variable		indicator		
				</container>		
instance.container	type_2	variable		<container localtype="type_2">		
instance.container	indicator_2	variable		indicator_2		
				</container>		
instance.container	type_3	variable		<container localtype="type_3">		
instance.container	indicator_3	variable		indicator_2		
				</container>		
			<physdescstructured> for each structured extent statement	<physdescstructured	Copied extent mappings below from <archdesc>. See discussion notes in <archdesc> section for more details on mapping decisions.	
extent	portion	variable		coverage="portion"		
n/a	n/a	constant	default to spaceoccupied	physdescstructuredtype="spaceoccupied">		
extent	number	variable		<quantity>number</quantity>		
extent	extent_type	variable		<unittype>type</unittype>		
extent	physical_details	variable	IF physical_details != NULL	<physfacet>physical_details</physfacete>		
extent	dimensions	variable	IF dimensions != NULL	<dimensions>dimensions</dimensions>		
				</physdescstructured>		
extent	container_summary	variable	Repeat for each container summary within an extent statement	<physdesc localtype="container_summary">container_summary</physdesc>		
DATES (STRUCTURED)					Copied date mappings from <archdesc>. See discussion notes in <archdesc> section for more details on mapping decisions.	
date		variable	Repeat for each structured date statement (IF begin != NULL or end != NULL)	<unitdatestructured		
date	certainty	variable	IF certainty != NULL	certainty="certainty"		
date	era	variable	IF era != NULL	era="era"		
date	calendar	variable	IF calendar != NULL	calendar="calendar"		
date	type	variable	IF date_type = single OR inclusive IF date_type = bulk	unitdatetype="inclusive"> unitdatetype="bulk">		
Single Date						
date	type	variable	IF date_type = single	<datesingle		
date	begin	variable		standarddate="begin">		
date	date_expression begin		IF date_expression != NULL ELSE	date_expression begin		
				</datesingle>		
Date range						
date	type	variable	IF date_type = inclusive or bulk	<daterange>		
date	begin	variable	IF begin != NULL	<fromdate standarddate="begin">begin</fromdate>		
date	end	variable	IF end != NULL	<todate standarddate="end">end</todate>		
				</daterange>		
				</unitdatestructured>		
DATES (UNSTRUCTURED)						
date	date_expression begin end	variable	Repeat for each unstructured date statement (IF date_expression != NULL)	<unitdate		
date	date_type	variable	IF date_type = single OR inclusive IF date_type = bulk	unitdatetype ="inclusive" unitdatetype="bulk"		
date	certainty	variable	IF certainty != NULL	certainty="certainty"		
date	era	variable	IF era != NULL	era="era"		
date	calendar	variable	IF calendar != NULL	calendar="calendar"		
				>		
date	date_expression	variable		date_expression		
				</unitdate>		
				</c>		
				</dsc>		
				</archdesc>		
				</ead>		

[1] Mark Matienzo:
Rework this - not yet represents subject/term Aspace model