Georgia Southern University

Digital Commons@Georgia Southern

Georgia International Conference on Information Literacy

Oct 3rd, 10:00 AM - 11:15 AM

IBX Image Based XML for Digital Projects in the Humanities

Ionut Emil Iacob Georgia Southern University, ieiacob@georgiasouthern.edu

Kevin Kiernan University of Kentucky, kevin.kiernan@gmail.com

Follow this and additional works at: https://digitalcommons.georgiasouthern.edu/gaintlit

Part of the Curriculum and Instruction Commons, and the Information Literacy Commons

Recommended Citation

lacob, lonut Emil and Kiernan, Kevin, "IBX Image Based XML for Digital Projects in the Humanities" (2008). *Georgia International Conference on Information Literacy.* 5. https://digitalcommons.georgiasouthern.edu/gaintlit/2008/2008/5

This presentation (open access) is brought to you for free and open access by the Conferences & Events at Digital Commons@Georgia Southern. It has been accepted for inclusion in Georgia International Conference on Information Literacy by an authorized administrator of Digital Commons@Georgia Southern. For more information, please contact digitalcommons@georgiasouthern.edu.

IBX: Image Based XML for Digital Projects in the Humanities

Ionut Emil Iacob, Ph.D.

Georgia Southern University

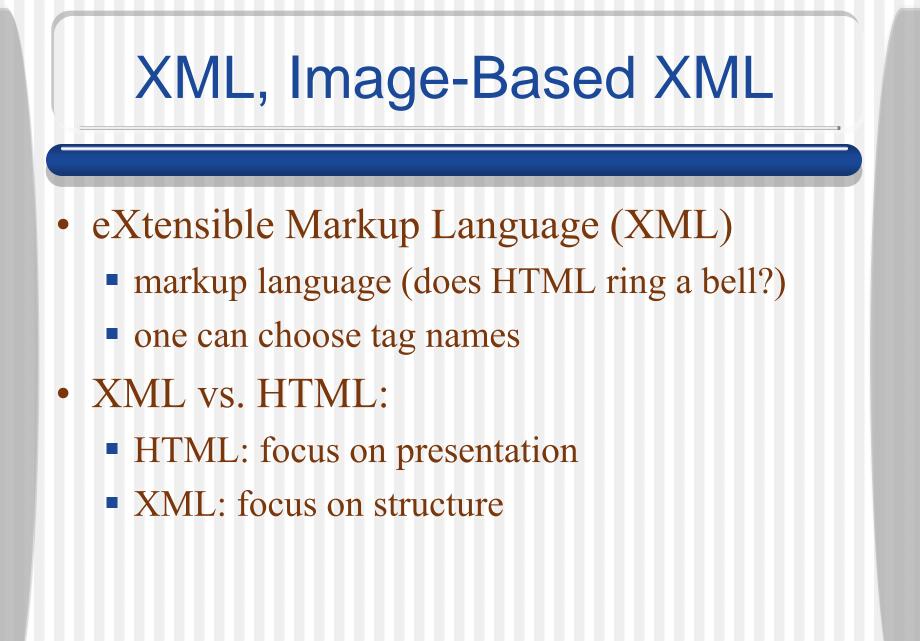
Kevin Kiernan, Professor Emeritus UK University of Kentucky

Outline

- Electronic Editions
- XML, Image-Based XML
- Image-Based XML (IBX) tool
- Digital Projects in the Humanities

Electronic Editions

🕑 New Tab 🛇 Electronic Beowulf - Student Edition					
File Options Search Help			🔹 Transcript Search		
Left/Top Right/Bottom			File Result Help		
<< >> Goto MS 129r, BL 132r Fit frame 👻 🔲 🔄 << >> Goto Edition 129r, 1-21 Fit frame 👻 🗆 💆			Word Substring Alliteration Apparatus		
	129r	HWÆT: WE GARDENA IN GEARDA	ÆæÐðþþáæéíóúý		
A STATE AND A STAT		beodcyninga brym gefrunon.	Vowel * ? . <or> <and_not> </and_not></or>		
PET PET JOD			Option		
PAT PEGARDA		Hu ða æþelingas elle(n) fremedon!	Case sensitive Combined search		
Ina inzern dazum. peod cynniza		Oft Scyld Scefing sceapen[a] preatum			
	5	monegum mægþum meodosetla ofteah,	$\square \oplus = p$		
pym se Fumon husa copelingar elle		egsode eorl, syððan ærest wear(ð)	Search range		
Fremedon. OFE feyld sceping scerber		feasceaft funden. He þæs frofre geba(d)			
		weox under wolcnum, weoromyndum b			
preacon mone zu mæspum mæde fælk					
of ceach estode coul syddan cenere perti		oð þæt him æghwylc þara ymbsittendra	To folio 198v line 22 💌		
Fer scentz tungen pepar chokne zepa	10	ofer hronrade hyran scolde,	No. of instances: 0 Show Result		
1 totte funder in par Hrothre Zepa		gomban gyldan. Þæt wæs god cyning.			
por under polenum peopo myndum pala		Đæm eafera wæs æfter cenned			
of him ashpyle papa jomb fir cen spa		geong in geardum, pone God sende	Search Previous Next Count Stop Clear Collapse Close		
and a subject ballet sind heren spra		folce to frofre. Fyrenðearfe ongeat.	Search Previous Next Count Stop Clear Collapse Close		
opqu'huon pase hypan solde zombain	15	Dæt hie ær drugon aldor[<i>le</i>]ase	Java Applet Window		
Syldan par zod cynmz. dam europa par	15				
S The second and the hel		lange hwile. Him þæs Liffrea,			
actor conned scons in securdum bone tod		wuldres wealdend, woroldare forgeaf.			
	2	D 10 1 11 1 1			



• HTML

<html>

<h3>Midnight in the Garden of Good and Evil</h3> <i>a novel by John Berendt</i>
<h4>Chapter I</h4> He was tall, about fifty, with darkly handsome...</h>

• XML

<book>

<title>Midnight in the Garden of Good and Evil</title>
<genre>novel</genre>
<author>John Berendt</author>
<chapter>
<chapter-title>Chapter I</chapter-title>
He was tall, about fifty, with darkly handsome...
</chapter>
</book>

- HTML: document rendering instructions
- XML
 - document structure/description
 - allows multiple presentations of the same document

It out alle effort plus eltendue. O mas mais is nauous bene C effe caute of fi byen foort see Stanto of quit but me failout, De rectarder le lieu plaufant. De kane deres vehanfanten Mon no vater land 100 S i betout connect of mine = L'e four'se feature se monurelle. F a marine durite et felle = I manan me 9e feane batent ferr et ferre belle effort man a matrice of actionity our men alap parmp lapse. Contrenal feate effanionic. E quer le uneaute refressant =

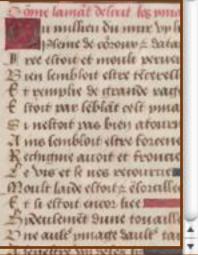




H ose alle eftour plus eftendue. O majo maio is nanow bais C effe caue of fe bien fcort se ades à avait bie me failoit. De restarde le heu platlant. De leaue der a reluefant Mon bie rates the faue St be tont connect et mue = Le fen se leaue se mauelle. La manue duande et felle = ulquan pie & feate Intert fere et ferie belle eftort a matime et actionne ore men alap parmy lapre. Contrettal featte elbanomit. out le unade coltopant =







Commant l'amant veit le iardrin	
Quant i'euz ung pou avant ale	
Si vy ung vergier grant et le	
Enclos d'ung mur hault bataille	
Pourtrait dehors et entaille	
A maintes riches pourtraitures	
Les ymages et les figures	

199 <figure coords="d:r,67,522,330,778">[Figure: Small minia 200 201

202 <ld type="rubric"><head type="rubric">Co<expan>m</ex 203 <ld type="couplet">

204 <1 n="129"> <word><hi rend="init2line-gold">Q</hi>u 205 <1 n="130"> <word>Si</word> <word>vy</word> <w 206 <1g type="couplet">

207 <1 n="131"> <word>Enclos</word> <word>d</word>' 208 <1 n="132"> <word>Pourtrait</word> <word>dehors</

H ose alle eftout plus eftendue. O HATE MALE IC HALLON DENK C effe caue of fe bien fcort se ades q grat bie me failoit. De restarder le heu plaufant. De leaue ders a veluefant m Mon bie rates the faue St by tont connect of muc. Le fen se leaue se mauelle. La praprie drante et feile = ulquan pre & feane latout. fore et ferie belle eftort I a matime et actionne ore men alap parmy lapre. Contrettal least elbanomit. out le unade coltopant =



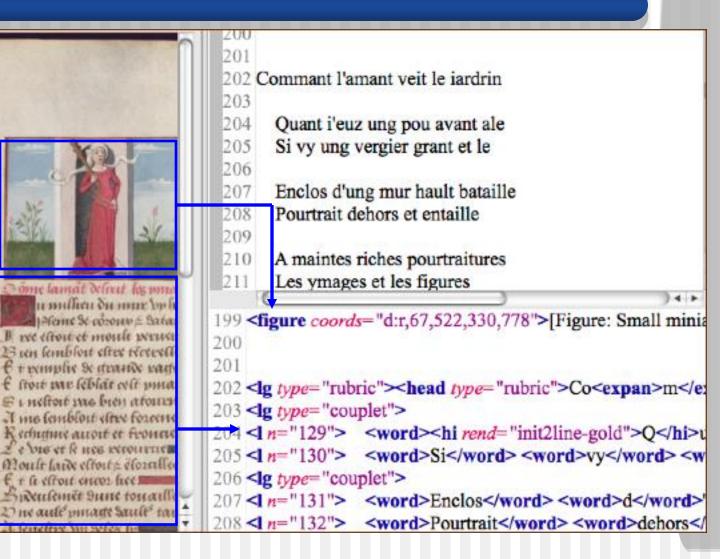


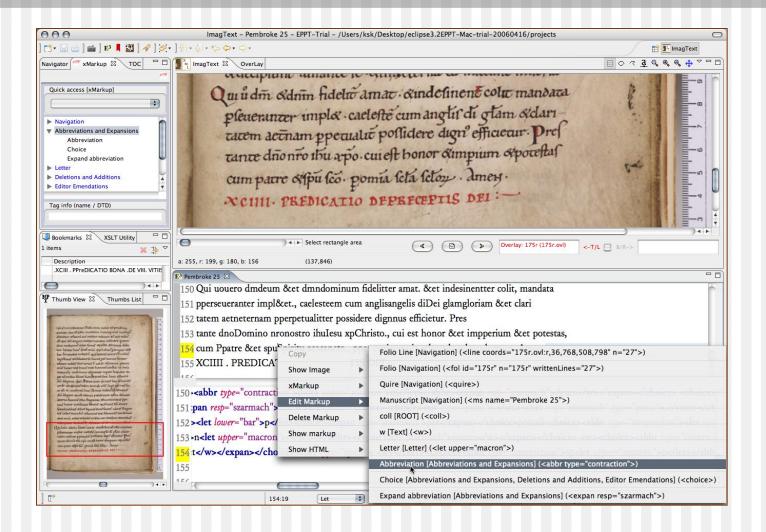
Image-Based XML

<figure coords="d:r,67,522,330,778">[Figure: Small miniature. Lover approaching garden.]</figure>

stype="rubric"><head type="rubric">Co<expan>m</expan>ma<expan>n</expan>t l'ama<expan>n</expan>t veit le iardrin <lp>type="couplet"> </p <! n="130"> <word>Si</word> <word>vy</word> <word>ung</word> <word>vergier</word> <word>gra<expan>n</expan <lp>lg type="couplet"> <! n-"131"> <word>Enclos</word> <word>d</word>'<word>ung</word> <word>mur</word> <word>ha<expan>u</expan <1 n="132"> <word>Pourtrait</word> <word>dehors</word> <word><supplied>et</word></supplied> <word><orig reg="e"</p> <lp>type="couplet"> <! n="133"> <word>A</word> <word>mai<expan>n</expan>tes</word> <word>riches</word> <word>po<expan>u</exp:</p> Ig type="couplet"> <1 n="135"> <word>Ay</word> <word>moult</word> <word>voulc<expan>n</expan>tiers</word> <word>crig reg="rem" <! arr "136"> <word>Si</word> <word>vo<expan>us</word></expan> <word>compteray</word> <word>et</word> <word</p> <le type="couplet"> <1 n="137"> <word>De</word> <word>ces</word> <word>ymages</word> <word>la</word> <word>semblance</word> <1 n="138"> <word>Si</word> <word>com</word> <word>moy</word> <word>vie<expan>n</expan>t</word> <word>et <ch n="h"/> <figure TElform="figure" coords="d:372,150,648,362">[Figure: Small miniature. Hate (Hatred, Haine).]</figure>

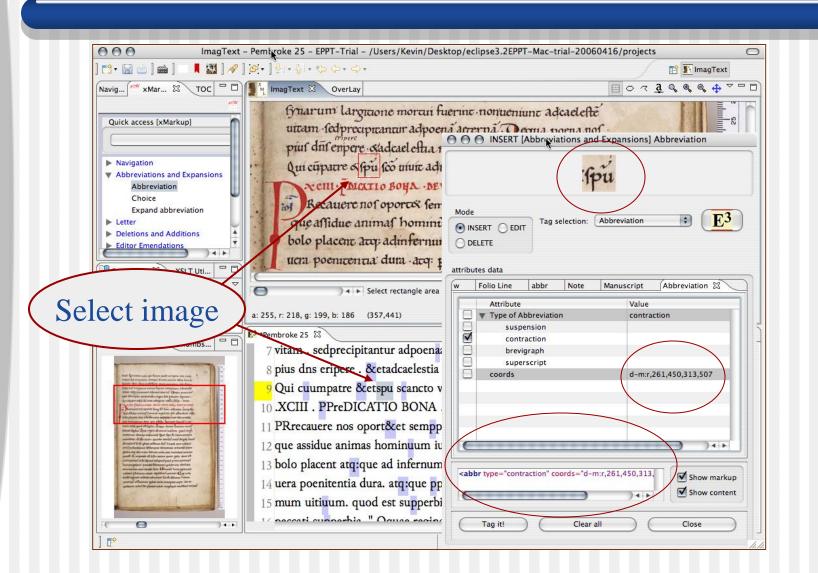
- Image-Based XML
 - complex
 - not (easily) readable
 - not easy at all to create
 - we definitely want links to image

- IBX aka EPPT (Edition Production and Presentation Technology)
 - cross platform tool
 - removes the hassle of XML syntax
 - assists humanities researchers/professors/students in teaching/learning (image-based) tagging
- http://www.eppt.org



] 📬 • 🔛 📥] 📾] 🗕 📕 🗱] 🛷]	Ğ••]∮••§••\$> ↔ ↔	😭 🛐 ImagTe
Navig 🥙 xMar 🛛 TOC 🗖 🗖	M ImagText & OverLay	□ < 2 < 4 < 4
Quick access [xMarkup] Navigation Abbreviations and Expansions Abbreviation Choice Expand abbreviation Letter Deletions and Additions Editor Emendations	Grarum largmone morcui fu uitam sedprecipitantir adpoen pius dist enpere scadcael eftua s Qui cupatre scipit so usur adp Recauere nos oportos sem que affidue animas hominu bolo placent ace adinfernus ucra poententia duta ace s	Mode Mode
elect text	a: 255, r: 232, g: 209, b: 186 (589,491) E ³ Proproke 25 23 7 vitam - sedprecipitantur adpoenae 8 pius dns eripere & etadcaelestia 9 Qui cuumpatre & etspu scancto v 10 .XCIII . PPreDICATIO BONA .	Attributes data w Folio Line abbr Note Manuscript Abbreviation Attribute Value Value Type of Abbreviation contraction suspension contraction brevigraph superscript coords coords
A for plana to be chosen and and the analysis of the second secon	11 PRrecauere nos oport&et sempp 12 que assidue animas hominuum iu 13 bolo placent atq:que ad infernum 14 uera poenitentia dura. atq:que pa 15 mum uitiuum. quod est supperbi	<abbr type="contraction">spu</abbr>

1🗗 • 🖫 📥 🖿 📕 🕮 📝	16.10.10.10.10.10.10.10.10.10.10.10.10.10.		😭 🛐 ImagText
Navig XMar X TOC			
Quick access [xMarkup] Navigation Abbreviations and Expansions Abbreviation Choice Expand abbreviation Letter Deletions and Additions Editor Emendations	fynarum largicione morcui fu uttam fedprecipicancur adpoen	Mode Mode	eviation
		attributes data	
1 / •	Select rectangle area		nuscript Abbreviation 🛛 🔪
lect image	a: 255, r: 218, g: 199, b: 186 (357,441)	Attribute Type of Abbreviation	Value contraction
	E ³ *Perebroke 25 😫	suspension contraction	
I manue as Thumbs	7 vitam . sedprecipitantur adpoena:	contraction brevigraph	
for the figure and up have and anyone as may a """""""""""""""""""""""""""""""""	8 pius dns eripere & etadcaelestia 9 Qui cuumpatre & etspu scancto v	superscript coords	d-m:r,261,450,313,507
per latingen schaltelin ingen bei pleaner deprese de singere mehr bis en altegen verde Glips- kone Distancer sert, anne ment men verder verder Distancer sert operet bang fel him advana françois	10 XCIII . PPreDICATIO BONA		
Page ablate strong to common suggestion of an infrastructure strate. In this points are ablations and strong and the strong s	11 PRrecauere nos oport&et sempp		
mittene datala selavani dar facile cone surpri mattene de la sur autor archi est dapa bed dimeter 6 de yean admar dal capa arcadare michada admar dal capa arcadare	12 que assidue animas hominuum iu	C)++
provide any data make a ford-units and transford a movie part of Compared of data many more gate space of the compared refer depend data part provide provide a compared refer depend data part provide a more of the neuroscience of particular data part of the data of the outpendid	13 bolo placent atq:que ad infernum		
where places may update scores Que vity ander space observations to be defined to be a served a charace gate and insuper upper als to served a charace gate and mapped and the or the	14 uera poenitentia dura. atg:que pp		



] 📬 🛛 🔛 📄 🖬 📄 📕 🎇] 🛷]	∅ •]∲ •{{ • \$} • (\$\$) \$\$, \$\$\$ \$\$\$		📑 🋐 ImagText
Navig 🕬 xMar 🛛 TOC 🗖 🗖	MagText X OverLay	E	। ० २ <u>३</u> ९ ९ ९ १ ९
Quick access [xMarkup] Navigation Abbreviations and Expansions Abbreviation Choice Expand abbreviation Letter Choice	fynarum largutone morai fu uitam fedpreupitantur adpoer piut dil enpere stadcaeleftia r Qui cupatre sfipu feo uiute adh Recauere not oportes fer que affidue animaf bomini	Mode Mode	
Deletions and Additions Editor Emendations	bolo placent atop adinfernui utra poenicentia duta atop : :	DELETE attributes data w Folio Line abbr Note Ma	nuscript Abbreviation 8
Tag it!	a: 255, r: 218, g: 199, b: 186 (357,441)	Attribute V Type of Abbreviation suspension Contraction	Value contraction
The foremulation and many as an and the foremulation and the second as a first secon	vitam . sedprecipitantur adpoena 8 pius dns eripere . & etadcaelestia 9 Qui cuumpatre & etspu scancto v 10 .XCIII . PPI eDICATIO BONA	brevigraph superscript coords	d-m:r,261,450,313,507
men may user diffusion. Also, a starts from a start in the start of the starts of the start of the start of the mention of the starts of the start of the start of the start mention of the starts areas were built and along built in the start of the starts areas were the start of the start mention of the starts areas are start and along built and provide the start of the start of the start of the start provide the start of the start of the start of the start provide the start of the start of the start of the start have grade the start of the start of the start of the start have grade the start of the start of the start of the start areas and the start of the start of the start of the start and the start of the start of the start of the start areas and the logical start and participation of the start of the start start of the start of the start of the start of the start start of the start of the start of the start of the start start of the start of the start of the start of the start start of the start of the start of the start of the start start of the start of the start of the start of the start start of the start of the start of the start of the start start of the start of the start of the start of the start of the start start and start of the start of the start of the start of the start start of the start of	11 PRrecauere nos aport&et sempp 12 que assidue animas hominuum iu 13 bolo placent atq:que ad infernum 14 uera poenitentia dura. atq:que pp 15 mum uitiuum. quod est supperbi	<pre></pre>	

Digital Projects in the Humanities: manuscripts

ImagTex	t - EPPT-Beowulf-ED - EPPT - /Users/Kevin/Desktop/eclipse3.2EPPT-Mac-2	20060416/projects	
] 📬 • 📴 🗁] 📾] 🗗 📕 🗱] 🔗 j] ːː··] · · · · · · · · · · · · · · · ·	🔛 🔝 ImagText	
Navig 🖤 xMar 🕄 TOC 🖓 🗖	ImagText & OverLay	□ < 2 < 4 < 4 < 1	
Quick access [xMarkup]	Prod zap ma pelode Ichine cude cmhz	e belm seyldi verende ner	
1 items 🛛 💥 🍰 🗸	a: 255, r: 201, g: 185, b: 151 (536,880)		
Description			
Little Man – obverse	E ³ EPPT-Beowulf-ED 🔀		
	1857 Hroðgar maþelode,	0	
	1858 helm Scyldinga:	×.	
Thumb 🕄 Thumbs 🖓 🗖	1050	11	
And the second s	$\frac{1857}{1858} \frac{x^{x}}{sievers} = A^{sieversscan} = \frac{x}{x} = a^{s} \leq w > Hroðgar mabelode , $ $\frac{1857}{1858} \frac{x^{x}}{sieversscan} = \frac{y^{x}}{x} = b^{s} < w > helm Scyldinga: $ $\frac{1857}{1858} \frac{sievers}{sievers} = B^{s} \frac{sieversscan}{sieversscan} = \frac{x}{x} + \frac{y}{y} = a^{s} < w > Fere fyhtum , hu , 1862} 1862 1862 1862 1863 1863 1864 $		
		()) ↓ ▶	
] Ē⁰	1857:266 Scansion 🛟 All-Markup		

Digital Projects in the Humanities: archaeology

