#### University at Buffalo School of Law Digital Commons @ University at Buffalo School of Law

Law Librarian Other Scholarship

Law Librarian Scholarship

6-7-2019

## Automating Processing and Intake in the Institutional Repository with Python

John R. Beatty University at Buffalo School of Law, jrbeatty@buffalo.edu

Follow this and additional works at: https://digitalcommons.law.buffalo.edu/

law\_librarian\_other\_scholarship

Part of the Law Librarianship Commons, and the Scholarly Communication Commons

#### **Recommended Citation**

John R. Beatty, *Automating Processing and Intake in the Institutional Repository with Python*, (2019). Available at: https://digitalcommons.law.buffalo.edu/law\_librarian\_other\_scholarship/47

#### O NON-COMMERCIAL

This Article is brought to you for free and open access by the Law Librarian Scholarship at Digital Commons @ University at Buffalo School of Law. It has been accepted for inclusion in Law Librarian Other Scholarship by an authorized administrator of Digital Commons @ University at Buffalo School of Law. For more information, please contact lawscholar@buffalo.edu.

## AUTOMATING PROCESSING AND INTAKE IN THE INSTITUTIONAL REPOSITORY WITH PYTHON

John Beatty





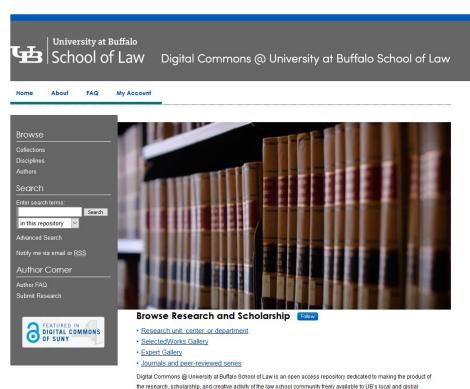
## INTRODUCTION

What are we doing here?



### Populating the Institutional Repository

- Year 1: Faculty scholarship
- Year 2: Law Journals & Alumni Publications



Digital Commons @ University at Buffalo School of Law is an open access repository dedicated to making the product of the research, scholarship, and creative activity of the law school community freely available to UB's local and global communities. DC@UB preserves and provides public access to the collective scholarly output of the University at Buffalo School of Law faculty, law library faculty, and students. Through its collections, the repository highlights the positive impact of the law school on the community, DC@UB is a service of the <u>Charles B Sears Law Library</u>.

3

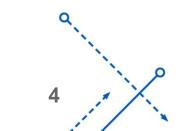
 $\cap$ 



#### **Disclaimer/Full Disclosure**

It's true I had zero Python programming knowledge at the start of this project. But I was starting with some knowledge:

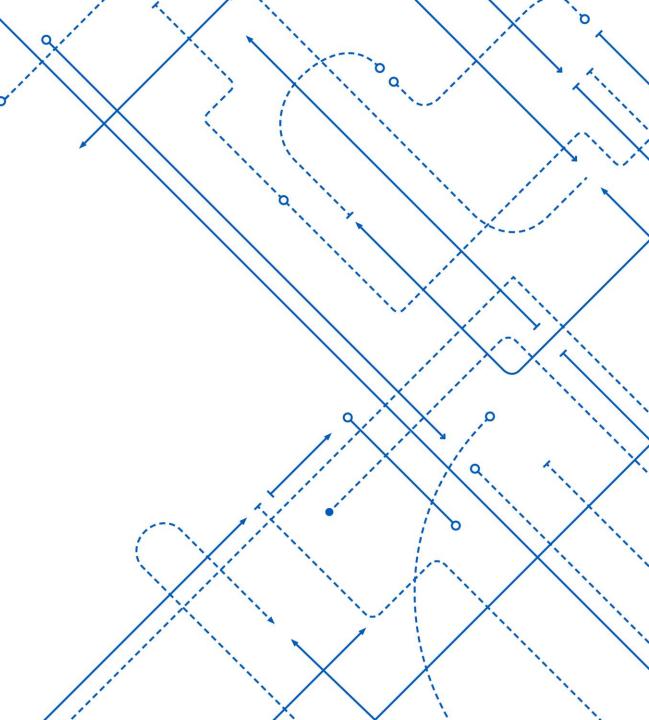
- General programming knowledge & experience
- VisualBasic (17 years; 4 database applications built)
- Bash (basic knowledge)
- Perl (mostly forgotten knowledge)
- Has used a regular expression





## JOURNALS

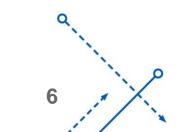
The Law Journal Project





### The Law Journal Project: The Journals

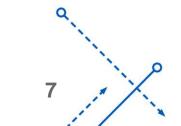
- Buffalo Environmental Law Review: 23 volumes, 1-2 issues/volume
- Buffalo Human Rights Law Review: 22 volumes, 1-2 issues/volume
- Buffalo Intellectual Property Journal: 11 volumes, 1-2 issues/volume
- Buffalo Journal of Gender, Law & Social Policy: 24 volumes, 1 issue/volume
- Buffalo Law Review: 65 volumes, 3-5 issues/volume
- Buffalo Public Interest Law Review: 35 volumes, 1 issue/volume





### The Law Journal Project: Workflow

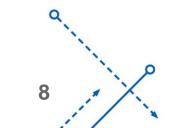
- Convert Hein metadata to Digital Commons format
- Load PDFs into Box drive
- Preview files in Box
- Check metadata against PDF and correct where necessary
- Cut and paste Box links into Digital Commons spreadsheet
- Upload





### The Law Journal Project: Timeline

- August-November 2018
- All but first 22 volumes of Buffalo Law Review complete in mid-November



 $\cap$ 



## THE PROBLEM

What's so special about the Law Review?

0



### Conversion from HeinOnline to IR

- Some types of documents are in the system as a section rather than individual pieces
- Combined files have no individual metadata
- Some documents have no author data
- Some articles missing the last page

	А			В			С			D	E	
5 Double Jeopardy: An Illus	sory Remedy fo	r Governmental C	) Fahey, Mai	ry J.		29 Buff. L. Rev	r. 759 (1980)	35 2	BuffLRev759(	1980).pdf	Issue 4	c
6						3 Buff. L. Rev.	[i] (1953-195	1) 01 3I	BuffLRev[i](19	53-1954).pdf		t
37						3 Buff. L. Rev.	[iii] (1953-19	54) 02 3	BuffLRev[iii](1	953-1954).pdf		
18						3 Buff. L. Rev.			BuffLRev[v](19			(
9 Note form the Editor, A						3 Buff. L. Rev.				1953-1954).pdf	Issue 1	
0 Fourteenth Amendment	and School Seg	regation The	Graham, H	oward lav		3 Buff. L. Rev.			BuffLRev1(195		Issue 1	
1 Lawyer Looks at Psychiatr			Gausewitz			3 Buff. L. Rev.			BuffLRev25(19		Issue 1	
2 Psychiatrist Looks at Psychiatr			Wertham.	,		3 Buff. L. Rev.		. –	BuffLRev41(19		Issue 1	
	matry and the L	.aw, A	wertham,	Fredric								
3						3 Buff. L. Rev.			BuffLRev52(19		Issue 1	
4 Court of Appeals, 1952 Te	erm, The					3 Buff. L. Rev.			BuffLRev53(19		Issue 1	
95						3 Buff. L. Rev.			3uffLRev143(1		Issue 1	
96						3 Buff. L. Rev.	170 (1953-19	54) 12_3	BuffLRev170(1	953-1954).pdf	Issue 1	
97						3 Buff. L. Rev.	177 (1953-19	54) 13_3	BuffLRev177(1	953-1954).pdf	Issue 1	i
8 Federal Tax Consequence	es of Alimony ar	nd Separate Main	it Lagomarcii	no, Paul D.		3 Buff. L. Rev.	179 (1953-19	54) 15_3	3uffLRev179(1	953-1954).pdf	Issue 2	
9 Designing a Deferred Cor	mpensation Pro	fit Sharing Plan fo	D Lubick, Do	nald C.		3 Buff. L. Rev.	222 (1953-19	54) 16_3	BuffLRev222(1	953-1954).pdf	Issue 2	
0 Conspiracy Revisited			Arens, Rich	nard		3 Buff. L. Rev.	242 (1953-19	54) 17 3	BuffLRev242(1	953-1954).pdf	Issue 2	
01						3 Buff. L. Rev.	269 (1953-19	54) 18 3	BuffLRev269(1	953-1954).pdf	Issue 2	
2 Ability of an Individual Er	mplovee to Sue	His Employer on	a Adner. Jer	ome D.		3 Buff. L. Rev.	270 (1953-19	54) 19 3	BuffLRev270(1	953-1954).pdf	Issue 2	
)3 Right of Privacy and Due I			Gonson, Pa			3 Buff. L. Rev.			SuffLRev283(1		Issue 2	
4 Niagara Power Legislatio				k J. ;Schell, Th	eodore H	3 Buff. L. Rev.		. –	BuffLRev298(1		Issue 2	
5 Special Statutory Treatme		sychopaths	Guzzetta, J		codore n.	3 Buff. L. Rev.		. –	BuffLRev304(1		Issue 2	
a special statutory meaning	ent for Sexual P	sychopaths	Juzzetta, J	. A.				74) ZZ JI	2011/1///20411	555-1554J.put	issue z	
6						3 Buff. L. Rev.	311 (1953-19	54) 23_3	BuffLRev311(1	953-1954).pdf	Issue 2	
06									BuffLRev311(1	953-1954).pdf	Issue 2	c
)6   ∽_~~~≠						3 Buff. L. Rev.			BuffLRev311(1	953-1954).pdf	Issue 2	C
∽ - ♂ - ∓ Home Insert Page Lay	yout Formulas	Data Review M	View Develo	per Add-ins	DYMO Label		1.xls [Compatibility		3uffLRev311(1			
ら・C・ ∓ : Home Insert Page Lay みてut Arial			View Develo	per Add-ins General	DYMO Label	buffalolawreview-v3n*	1.xls [Compatibility	Mode] - Excel	BuffLRev311(1			n • /
Home Insert Page Lay & Cut Arial Di Copy - Di Yuli	• 10 • A A	=== **	🔐 Wrap Text	General	•	buffalolawreview-v3n Q Tell me what you v	1.xls [Compatibility want to do Normal 2	Mode] - Excel	3ad		Ž AutoSun ▼ Fill •	n * /
Home Insert Page Lay			🔐 Wrap Text	General	· · · · · · · · · · · · · · · · · · ·	buffalolawreview-v3n*	1.xls [Compatibility want to do Normal 2	Mode] - Excel			Ž AutoSun ▼ Fill •	n - J
Home Insert Page Lay Cut Arial Copy * Format Painter B I U *	• 10 • A A	=== **	🔐 Wrap Text	General General	• 20 % % (	buffalolawreview-v3n Q Tell me what you v Image of the second s	1.xls [Compatibility want to do Normal 2	Mode] - Excel Normal I Neutral I	3ad		Trinat	n * /
S - C - ∓ Home Insert Page Lay K Cut Cut Arial Copy - Format Painter B I 및 -	- 10 - A A →		₩Vrap Text E Merge & C ament	ienter + General	• €0 00 Fi	buffalolawreview-v3n Q Tell me what you v Image of the second s	LxIs [Compatibility want to do Normal 2 Good	Mode] - Excel Normal I Neutral I	3ad	Insert Delete For	Trinat	
Home Insert Page Lay Cut Copy + Format Painter Clipboard rs	- 10 - A A →	= = = ≫. = = = € • Align	₩Vrap Text E Merge & C ament	ienter + General	• €0 00 Fi	buffalolawreview-v3n Q Tell me what you v Image of the second s	LxIs [Compatibility want to do Normal 2 Good	Mode] - Excel Normal I Neutral I	3ad	Insert Delete For	Trinat	n * A S F
Source     Insert     Page Lay       B     Cut     Arial       B     Copy +       Format Painter     B       Clipboard     Format Painter	- 10 - A A →	= = = ≫. = = = € • Align	₩Vrap Text E Merge & C ament	ienter + General Fa N	• €0 00 Fi	buffalolawreview-v3n Q Tell me what you v Image of the second s	LxIs [Compatibility want to do Normal 2 Good	Mode] - Excel Normal I Neutral I	3ad	Insert Delete For	Trinat	n * A Si Fi
Home Insert Page Lay → Cut Arial → Format Painter + Song - B I U - Clipbeard r J - Song + Song - Song	v 10 v A A A E v 21 v A v Font The Fourteenth C keywords	Amendment and Sch	Wrap Text	enter + S + 9		buffalolawreview-v3n' Q Tell me what you u Definitional Format as primatting * Table *	LxIs [Compatibility want to do Normal 2 Good	Mode] - Excel Normal I Neutral I	Bad	Insert Delete For Cells	→ Trmat v AutoSun Fill v Clear v	n * A S F
Home Insert Page Lay ★ Cut Copy - Arial Format Painter Clipboard G ↓ 1 × √ fa the A B the A B the Lay / Duffice und https://buffice und	v 10    v A* A*     v A* A*     v A* A*     Font     The Fourteenth     C     keywords     com/shared/static/g	Align Align A Amendment and Sch abstract	Wrap Text Merge & C ament tool Segregatio	General General Gameral S 7 9 N In F author1 mname	v 6 v tw w umber ts G	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel	ad Calculation	Insert Delete For Cells	Trimat Clear *	n T S Editing
Home Insert Page Lay → Cut → Copy → → Format Painter ← I → A → I → A → Format Painter ← I → A → Format Painter → I → A → A → A → A → A → A → A → A	• 10 • A A F	Amendment and Sch abstract pf2x7eduatoayxh Buff hdmwe4jactZm8z Buff	Wrap Text Merge & C Imment Nool Segregation E C International Segregation Falo Law Review falo Law Review	General General rs N N N F author1 mname r	v 6 v tw w umber ts G	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel	author1 is corpor TRUE TRUE	Insert Delete For Cells	Trimat Clear *	n T S Editing
Home Insert Page Lay ★ Cut Copy - Arial B I U - Clipboard C Clipboard C Clip	10 A A A      Font      C      Com/shared/static/g      com/shared/static/g	E = E P P · · · · · · · · · · · · · · · · ·	Wrap Text Merge & C mment tool Segregatio E thort fname ffalo Law Review ffalo Law Review	General General S N N N F author1 mname	v 6 v tw w umber ts G	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel	ad Calculation	Insert Delete For Cells	Trimat Clear *	n T S Editin
Home Insert Page Lay Sout Arial Format Painter Format Paint		Amendment and Sch abstract g2x7ecduatagxXH Buf hdmwe4ioc2xm8zH Buf c1tn9oun35lau433E Buf c1tn9oun35lau433E Buf	Wrap Text Merge & C ament tool Segregatio E tool for for an falo Law Review falo Law Review falo Law Review ward	General General rs N N N F author1 mname r	G euthort Jname	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel Normal Neutral Ies J author1 institution	Sad Calculation K author1 is corpor TRUE TRUE TRUE	Insert Delete For Cells	Trimat Clear *	n T S Editin
Home Insert Page Lay & Cut Arial & Format Painter Globoard * : X V K to Cut Arial B J U V Cloboard * : X V K to Cut Arial B J U V Cloboard * : X V K to Cut Arial B J U V Cloboard * : X V K to Cut Arial B J U V Cloboard * : X V K The Control Arial Arial B J U V Cloboard * : X V K The Control Arial Arial B J U V Cloboard * : X V K The Control Arial Arial * : X V K The Control Arial Arial * : X V K The Control Arial Arial Arial * : X V K * : X V K K K * : X V K K K K K K K K K K K K K K K K K K	10 - A A A     Font     C     C     Com/shared/static/l     com/shared/st	E = B = Align Align Align Align Align Amendment and Sch bdmwelioct2m8z19 bdmwelioct2m8z1	Wrap Text Merge & C mment tool Segregatio falo Law Review Marciew falo Law Review ward ed dric	General General S * 9 rs N N n n F author1 mname r Jay L.	Graham	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel Normal Neutral Ies author1 institution Los Angeles Coun	K author1 is corpor TRUE TRUE TRUE FALSE FALSE	Insert Delete For Cells	Trimat Clear *	n * S Editin
Home Insert Page Lay K Cut Copy - Format Painter Cupboard 5 Format Painter Cupboard 5 Format Painter File Page Instruction State Inter Studies to the State Format Painter Format P	- 10 - A A Formation of the second se	Align A Amendment and Sch dabstract disknysst Niswel Ani Biologian Schwell Align Diesknysst Niswel Alin Biorgan Schwell Align Diesknysst Niswel Alin Biorgan Schwell Alin Diesknysst Schwell Alin Diesknysst Schwell Alin Diesknyn Schwell Alin Di	Wrap Text Merge & C ment hool Segregatio E Hool Law Review falo Law Review ward red dric falo Law Review	General General S * 9 rs N N n n F author1 mname J J J ay L	G 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel Normal Neutral Ies author1 institution Los Angeles Coun	Aad author1 is corpor TRUE TRUE FALSE FALSE FALSE TRUE	Insert Delete For Cells	Trimat Clear *	n * S Editin
Home Insert Page Lay Cut Arial Proma Painter Group - Format Painter Clipboard Clip	10 - A A     A     The Fourteenth     C     C     Com/shared/static/2     com/shared/static/4     com/shared/static/4     com/shared/static/4     com/shared/static/4     com/shared/static/4     com/shared/static/4     com/shared/static/4	Amendment and Sch Amendment and	Wrap Text Merge & C Imment Mool Segregation falo Law Review falo Law Review falo Law Review and dric falo Law Review Market	General General S * 9 rs N N n n F author1 mname J J J ay L	Graham Gausewitz Wertham	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel Normal Neutral Its Uthor1 institution Los Angeles Coun University of New I	Aad Calculation Rule TRUE FALSE FALSE FALSE FALSE TRUE TRUE	Insert Delete For Cells	Trimat Clear *	n * S Editin
Home Insert Page Lay Copy - Format Painter Cipboard G Copy - Format Painter Cipboard G Cipboard Cipboard	ID - A A A     Font     C     Com/shared/static/g	Align A Amendment and Sch abstract g2x7 acduatasyxh But dhamseioc2xm8z But dbsspar165/3m; But g6esym0165/3m; But g6esym0165/3m; But g6esym0165/3m; But g6esym0165/3m; But	Wrap Text Wrap Text Marge & C ment tool Segregation tool Segregation tool Segregation talo Law Review ward talo Law Review ward talo Law Review addic talo Law Review talo Law Review t	General General S * 9 rs N N n n F author1 mname J J J ay L	Graham Gausewitz Wertham Gonson	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel	K author1 is corpor TRUE TRUE FALSE FALSE FALSE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRU	Insert Delete For Cells	Trimat Clear *	n * S Editin
Home Insert Page Lay S Cut Arial Forma Painter Cipboard Forma Painter Forma Painter F	10 - A A A     Font     The Fourteenth     C     C     Com/shared/static/     com/shar	Amendment and Sch abstract Data Schwarz Bulk Data Schwarz Bulk Data Schwarz Bulk Chrosensz Schwarz Fer Delssjona 15643m. Bulk Commercial Pictur Paa Barsky v. Baard of Paa	Wap Text Wap	General General S * 9 rs N N n n F author1 mname J J J ay L	Graham Gonson Gonson	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel Normal Neutral Ites University of New Mathematical	Aad alculation TRUE TRUE FALSE FALSE FALSE FALSE FALSE FALSE	Insert Delete For Cells	Trimat Clear *	n T S Editin
Home Insert Page Lay K Gut Copy - A Format Painter Cipboard Pa	10 - A A Former A A A A A A A A A A A A A A A A A A A	Align Align A Amendment and Sch abstract Datastract Dat	Wrap Text Wrap	General General S * 9 rs N N n n F author1 mname J J J ay L	G authorf Iname Graham Gansewitz Wertham Gonson Gonson	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel	k author1 is corpor TRUE TRUE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE	Insert Delete For Cells	Trimat Clear *	n T S Editin
Home Insert Page Lay S Cut Arial Forma Painter Cipboard Forma Painter Cipboard Forma Painter Cipboard File Page Cutlex url Cutlex url Cutlex url Cutlex url Cutlex url Forma Painter Cutlex Url Forma Painter Forma Pa	10 - A A A     The Fourteenth     C     C     C     Com/shared/static/     com/shared/	Amendment and Sch abstract Jack Technologies (State State Jack Technologies) Jack Technologies Jack Tec	Wrap Text Was Text W	n n Author1 mname ( Jay	Ganson Gonson Gonson	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel Normal Neutral Ites University of New Mathematical Neutral Neutr	Aad Calculation TRUE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE	Insert Delete For Cells	Trimat Clear *	n T S Editin
Home Insert Page Lay Construction of the second se	10 - A A Former A A A A A A A A A A A A A A A A A A A	Align Align A Amendment and Sch abstract. D abstract.	Wrap Text Warge & C Warge	General General G N N R Author1 mname C J J J	6 ) to	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel Normal Neutral Ies Los Angeles Coun University of New I	k author1 is corpor TRUE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE	Insert Delete For Cells	Trimat Clear *	n T S Editin
Home Insart Page Lay Copy - Arial Format Painter Format Pai	10     1	Amendment and Sch abstract Jack Zeduatoxykh Gut Amendment and Sch Amendment and Sch Schwarz V. Heffen Pau Schwarz V. Gener Dow Schwarz V. Gener Dow Schwarz V. Gener Dow Schwarz V. Gener Dow	Wrap Text Wrap Text Wrap Text Wrap Text Wrap Wrap Wrap Wrap Wrap Wrap Wrap Wrap	n n Author1 mname ( Jay	Ganson Gonson Gonson	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel Normal Neutral Its Uthor1 institution Los Angeles Coun University of New M	Aad Calculation TRUE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE	Insert Delete For Cells	Trimat Clear *	n T S Editin
Home Insert Page Lay Construction of the second se	10 - A A A     The Fourteenth     C     C     Com/shared/static/     com/shared/static	Align Align Align Amendment and Sch abstract Das	Wrap Text Warg	General General General General N Markon Autori Markon Markon J J J	Gaham Gaham Ganaou Graham Gausevitz Wertham Gonson Gonson Holzman Holzman	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel Normal Neutral Ies Author1 institution Los Angeles Cour University of New 1	Aad Calculation TRUE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE	Insert Delete For Cells	Trimat Clear *	n T S Editin
S → C → ∓ Home Inset Page Lay Cut Copy → Format Painter Clipboard → I × ✓ for A B Ho fulltext und	10     1	Amendment and Sch abstract Jack Zeduatoxykh Gut Amendment and Sch Amendment and Sch Amendment and Sch Amendment and Sch Amendment and Sch Amendment and Sch Amendment and Sch Brack Zeduatoxykh Gut Goshava Zing Zed Schwarz V, Heffer Pau Schwarz V, Gener Don Schwarz V, Gener Don Schwarz V, Gener Don Schwarz V, Gener Don Delancey Kosher T Oon Delancey Kosher T Oon Delancey Kosher T Oon Delancey Kosher T Oon Delancey Kosher T Oon	Wrap Text Wrap Cast Wrap Cast Wrap Cast Wrap Cast Wrap Cast Wrap Wrap Wrap Wrap Wrap Wrap Wrap Wrap	General General General General General S = 9 G = N R = N	6 ) to	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel Normal Neutral Its Uthor1 institution Los Angeles Coun University of New M	k author1 is corpor TRUE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE	Insert Delete For Cells	Trimat Clear *	n T S Editin
Home     Inset     Page Lay     Cut     Group     Format Painter     Clipboard     Format Painter     S	10     1	Amendment and Sch abstract Jack Technology (Standard) Jack Technology (Standard) J	Wrap Text Wrap Text Wrap Cast Wrap Cast Wrap Cast Wrap Cast Wrap Cast Wrap Wrap Wrap Wrap Wrap Wrap Wrap Wrap	General General General General General S = 9 G = N R = N	Ganam Ganam Ganam Ganam Ganam Ganam Ganam Ganam Holzman Holzman Holzman Holzman Holzman	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel Normal Neutral Ites Us Angeles Coun University of New I	Aad Calculation TRUE TRUE FALSE	Insert Delete For Cells	Trimat Clear *	n T S Editing
A B Insert Page Lay City Cot Cipboard Comma Painter Cipboard Comma Painter Note Frourteenth Anhursh Nourfalo box Note from the Exhttps://buffalo box he Courteenth Anhursh Nouffalo box he Courteenth Anhursh Nouffalo box he Courteenth Anhursh Nouffalo box he Court of Appeinters //buffalo box dministrative Law https://buffalo box dministrative Law https://buffalo box dministrative Law https://buffalo box dministrative Law https://buffalo box usiness Associal https://buffalo box	10 - A A A     10 - A A A     10 - A A A A     10 - A A A A     10 - A A A A A A A A A A A A A A A A A A	Align Align Almendment and Sch abstract Dastract	Wrap Text Merge & C warent Warenet	General General General General General S = 9 G = N R = N	Ganam Ganam Ganam Ganam Ganam Ganam Ganam Ganam Ganam Ganam Haizman Haizman Haizman Haizman	buffalolawreview-v3n Q Tell me what you v IFF I I I I I I I I I I I I I I I I I I	LxIs [Compatibility want to do Normal 2 Good Sty	Mode] - Excel Normal Neutral Its Utor I institution Los Angeles Coun University of New I	k author1 is corpor TRUE TRUE FALSE	Insert Delete For Cells	Trimat Clear *	n T S Editin

10



#### **Book Reviews**

- In HeinOnline, book reviews in a single BLR issue are all in one file
- All book reviews are signed, but no author data in HeinOnline
- In later volumes (processed first), issues contain 2 book reviews at most; splitting and metadata creation was done by hand
- In early volumes, there are up to five book reviews an issue, so automation helpful

#### BUFFALO LAW REVIEW

such as the inspection of wearing apparel, blood tests, corporate records, fluoroscopic examinations, truth serum, urinalysis and voice identification. Unquestionably Professor Maguire has assembled a nearly exhaustive body of authority to define, delineate and illuminate each of these areas.

The book is well rounded, for in scrutinizing these essential rules of evidence, Professor Maguire traces their history from their points of origin to the most recent decisions which take cognizance of special legal phenomena having contemporary relevance. He dramatically demonstrates how the means utilized by some law enforcement officials, anxious to apprehend those suspected of crimes, have come into collision with our state and federal constitutions. This conflict is epitomized by the McNabb-Mallory doctrine, which is meticulously and expertly examined.

Professor Maguire, in dealing with each of the five vital rules of evidence, critically evaluates them within our present day legal framework and then prognosticates as to their survival in the future.

In the reviewer's opinion, one of the book's greatest contributions is the manner in which it lends order and consistency to what otherwise appears to be a maze of conflicting rules and decisions. Through Professor Maguire's keen analysis and careful cataloging of the leading authorities, he is able to show some direction in the development of these less than precise rules.

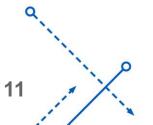
For the New York practitioner there is an abundance of New York authorities cited in each of the problem areas. Every attorney facing these problems will surely welcome Professor Maguire's book as a much needed guide when charting a client's course through hazardous litigation.

> HERALD P. FAHRINGER, JR. Member of the New York State Bar

HUMAN RIGHTS AND WORLD ORDER. By Moses Moskowitz. New York: Oceana Publications, Inc., 1958. Pp. 239.

Suppose that Citizen is awakened one night by the heavy knock of the gloved hand on his door. A group of uniformed troopers force their way into the house, ignoring his request to see a warrant. The leader informs him that the government has information that he is an atheist, and that by a recent decree atheists were declared enemies of the People and subject to summary execution. He is imprisoned, locked alone in a cell, permitted to see no one, and awaits his execution without even the pretense of a trial.

Has Citizen any legal redress? Did he have any legal rights violated, and, if so, how may they be vindicated? Of course, this raises the question what are legal rights—but that I pass over for this review. We may view Citizen's position by scanning the hierarchy of laws. Moving from the lower to the higher rungs, one first looks to the local subdivision of government and its laws,





# Case Notes & Legislative Notes

- Case notes all combined into all case notes for an entire issue
- No individual note or author metadata
- 2-3 issues/volume
- 5-10 case notes/issue
- Same for legislative notes, but only a few issues have them

#### RECENT DECISIONS

parties or the registry of the car, however. It seems, therefore, that the Court of Appeals should not find that the weight of past decision precludes it from a reasoned approach to the facts in the instant case.

If in *Kilberg* the Court of Appeals effected for the victim of an airplane crash a result that was consistent with its policy, there would seem to be no reason why the same measure of justice should not be extended to victims of other accidents occurring without the state, at least when the interests of New York outweigh the interests of the foreign jurisdiction as greatly as they did in *Kilberg*. It seems that Judge Fuld, at least, would be receptive to an argument for reversal in *Babcock* because of his opinion in *Kilberg*.<sup>34</sup> He favored "the most significant contact or contacts" approach but considered himself bound by the weight of prior decisions to the contrary in wrongful death cases. Such precedent has not been established in actions for commonlaw negligence like *Babcock*.<sup>35</sup> Admittedly, *Kilberg* has been rendered inscrutable by *Davenport v. Webb*. Nevertheless, the *Kilberg* decision arrives at a just result and the equities seem to justify a proliferation that will reverse and reinstate the complaint in *Babcock*.

JOHN O. DELAMATER

#### OBSCENITY IN NEW YORK: LAW, FACT-OR BOTH?

A number of cases in recent years have defined, redefined and refined the tests of what constitutes actionable obscenity in printed matter under state and federal obscenity statutes.<sup>1</sup> Two fundamental problems form the core of the need for such constant adjustment (1) the necessarily vague construction of most of the relevant statutes;<sup>2</sup> and (2) the delicate distinctions imposed in striking a balance between objectionable pornography and freedom of artistic expression.<sup>3</sup> The decision that has had the broadest effect upon each of these considerations, if volume of interpretive and critical comment

<sup>3.</sup> Roth v. United States, supra note 1, at 491; Bantam Books, Inc. v. Sullivan, 31 U.S.L. Week 4192, 4194 (U.S. Feb. 18, 1963); Lockhart and McClure, Obscenity in the Courts, 20 Law and Contemp. Problems 587, 587 (1955); Lockhart and McClure, *Literature*, the Law of Obscenity, and the Constitution, 38 Minn. L. Rev. 295, 368, 373 (1955); see generally Alpert, supra note 2, at 70-73.



12

<sup>84. 9</sup> N.Y.2d 34, 42, 172 N.E.2d 526, 529, 211 N.Y.S.2d 133, 138 (1961) (separate opinion). Judge Fuld concurred with the majority on affirmance of the judgment dismissing the cause of action premised on contract but was opposed to deciding any other issue.

<sup>85.</sup> On the theory of *lex loci contractus* New York law has been applied in an action against a carrier in order to avoid a Pennsylvania statute limiting recovery. Dyke v. Erie Ry, 45 NY. 113 (1871).

See, e.g., Roth v. United States, 354 U.S. 476 (1957); Alberts v. California, 354 U.S. 476 (1957); Butler v. Michigan, 352 U.S. 380 (1957); People v. Richmond County News, 9 N.Y.2d 578, 175 N.E.2d 681, 216 N.Y.S.2d 369 (1961).

<sup>9</sup> N. 2.20 576, 175 N.E.24 061, 210 N.I.5.24 305 (1977).

 Roth v. United States, sub-ra note 1, at 495 (concurring opinion of Warren, C.J.);
 Id, at 498-500 (dissenting opinion of Harlan, J.); Hayes, Survey of a Decade of Decisions on the Law of Obscenity, 8 Catholic Lawyer 93, 95 (1962); see generally Alpert, Judicial Censorship of Obscene Literature, 52 Harv. L. Rev. 40, 70-73 (1938).



### **Court of Appeals**

- Court of Appeals is highest court in New York
- Volumes 3-14 contain case note summaries for the prior year's Court of Appeals term
- 1 or 2 issues/volume
- Up to 150 case notes/issue
- In most volumes, notes are signed

#### COURT OF APPEALS. 1956 TERM

ADMINISTRATIVE LAW

Board Member Absent From Administrative Hearing Entitled To Vote

Courts, in reviewing the decisions of administrative tribunals, are limited to ascertaining whether or not there is a rational, legal basis for such determinations.1 This does not mean that the courts will "Probe the mental processes" of the body<sup>2</sup> but rather that they will determine only whether there has been an independent appraisal and conclusion based on sufficient knowledge.<sup>3</sup>

In Taub v. Pirnie.<sup>4</sup> an application for a variance from a local zoning ordinance, the Court of Appeals unanimously held that, though a member of the Board was absent from the public hearing and did not read the transcript of the record, he nevertheless possessed adequate knowledge to make an informed decision. The Court pointed out that because the absent member had for years been a resident of the village and a village trustee, and because he had discussed the arguments presented at the hearing before voting, he possessed sufficient information to reach an independent and competent conclusion.

Thus the Court has held that an administrative board member may vote on the disposition of a proceeding, though absent from the hearing thereon, provided that he has acquired independent knowledge of the issues involved. It is submitted that this proposition is susceptible of unwarranted extension and its application should be restricted to similar factual settings.

Hotels Not Special Class Of Housing Accomodations Within Rent Control Law

In Hotel Association of New York City v. Weaver<sup>5</sup> the Court held that the Temporary State Housing Commission did not act in an arbitrary and capricious manner when it ruled that hotels as such did not constitute a "particular class of housing accommodations" within the meaning of the Emergency Housing Rent Control Law.<sup>6</sup>

Petitioner, an association of one hundred and seventy-one hotels in New York City, petitioned the Rent Administrator to find that hotels as such are a particular class of housing accommodations within the meaning of the statute and entitled

- 3 N.Y.2d 206, 165 N.Y.S.2d 17 (1957).
   N.Y. EMERGENCY HOUSING RENT CONTROL LAW §12.

63

13



# Student Notes & Comments

- In early volumes, notes did not always start at the top of a page
- All page breaks were at the start of the next note
- Some notes missing the last page

#### BUFFALO LAW REVIEW

Supreme Court taking jurisdiction. This would eliminate the risk of juries running wild and at the same time determine fairly the merits of a citizen's claim. As it now stands liability of the city for all practical purposes is *dead*, and the individual claimant is being denied a common law right to bring successful suit against a municipal corporation for its tortious neglect to maintain the streets and sidewalks in a reasonable safe condition for travel.

Anthony J. Colucci, Jr.

#### VALUATION OF PUBLIC UTILITY PROPERTY FOR TAX PURPOSES: THE NEW YORK SPECIAL FRANCHISE TAX

"What is a cynic? A man who knows the price of everything and the value of nothing."

-Oscar Wilde.

Whether the jaundiced outlook of a habitual cynic is the cause producing the regrettable imbalance noted above, or whether a prolonged struggle to discover a rational relationship between the opposed concepts might be the cause of cynicism, the fact remains that when the ineluctable exigencies of taxation require the expression of *valua* in dollars and cents, which are properly the terms of *price*, problems are generated the subtlety of which may well threaten the most equable temperament.

Public utilities share with all other commercial and industrial enterprises many general problems of this character, and such problems, since they are not peculiar to public utilities, are beyond the scope of this paper.

The public utility encounters its own special brand of problem in two areas affected by property valuation: real property taxation and rate-making. This paper will concern itself mainly with the first of these areas, although some adversions to the other will be necessary with respect to the question of the evidentiary merit, in proceedings arising out of contested assessments, of valuations made by the Public Service Commission for rate-making purposes.

One of the distinguishing features of a public utility producing valuation problems peculiar to an enterprise of this kind is its statutory right to use public streets and lands in ways which, without such authority, would constitute trespass. Gas, electric, and water companies are good examples, since they clearly must run pipes and wires through streets and highways in order to serve their

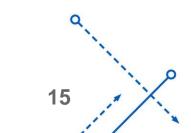
492

14



#### Why do the extra work?

- In some cases, combined works are substantial (review essays)
- To properly credit alumni and faculty authors
- Some case notes are contemporary coverage of substantial changes in New York or United States law
- Some notes written by prominent alumni



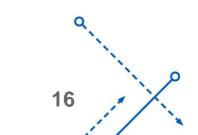


### **Implementation Issues**

**Previous Solution** 

 Requires 2 librarians and a student worker Our Situation

- Tech services departments busy with massive LSP migration
- Most departments shorthanded because of retirement
- No funding for student workers

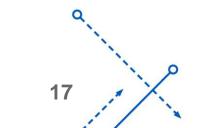


 $\cap$ 



#### The Solution: Automation

- Personnel available: 1 Faculty Scholarship Librarian
- Drastically shorten the amount of time needed to generate metadata and split PDFs
- Use generated metadata and split PDFs in established workflow





## Timelines

Proposed:

- Learn enough Python to start coding: 1-2 weeks
- Write initial code and test: 1-2 weeks
- Process 22 volumes: 1 month

Actual:

- Learn enough Python to start: 3 days (Thanksgiving week)
- Initial code and test: 5 days (November 26-30)
- Process 22 volumes: 4 weeks (December 3-21, January 3-11)

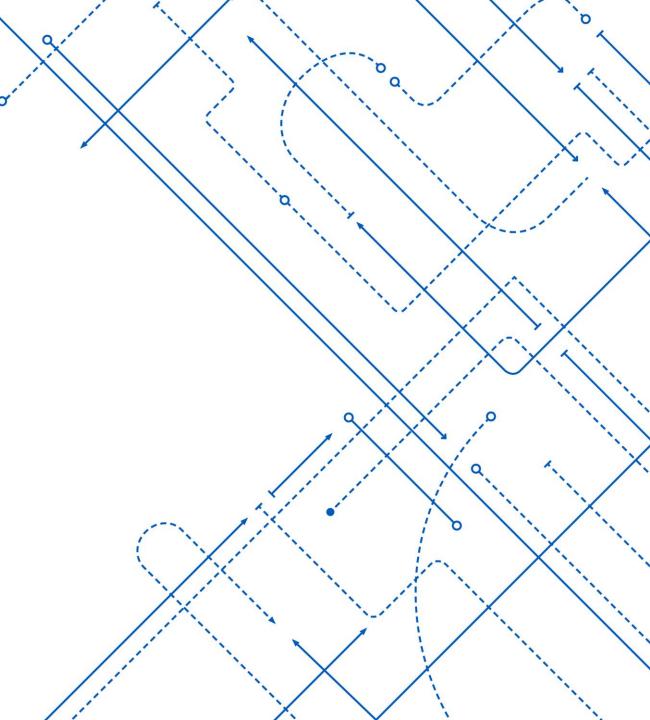
Note: Processing time included a LOT of code tweaking.





# THE PROJECT

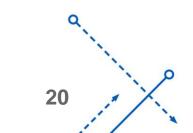
First Steps





### Learning Python

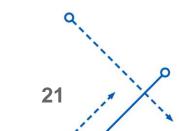
- John Mueller: Beginning Programming with Python for Dummies
- Kent D. Lee: Python Programming Fundamentals
- T.R. Padmanabhan: Programming with Python
- Python Documentation: <u>https://docs.python.org/3/</u>
- w3schools.com: <u>https://www.w3schools.com/python/default.asp</u>
- Automate the Boring Stuff: <u>https://automatetheboringstuff.com/</u>





### **Programming Environment**

- Laptop computer running Ubuntu Linux 18.04
- PyCharm Community Edition (free!)
- Python 3.6

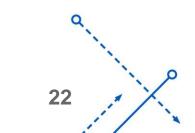


 $\cap$ 



### **Identifying Libraries**

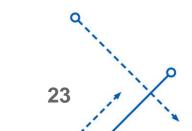
- PyPDF2: PDF toolkit that can be used to extract data and manipulate PDF files
- pdfminer: A tool for extracting information from PDF files (using pdfminer.six, for Python 3 compatibility)
- openpyxl: Python library to read and write Excel 2010 xlsx/xlsm files
- Standard Python libraries: argparse, os, re, csv, fnmatch, io
- Add-on libraries installed with PIP





### Wait... TWO PDF libraries?

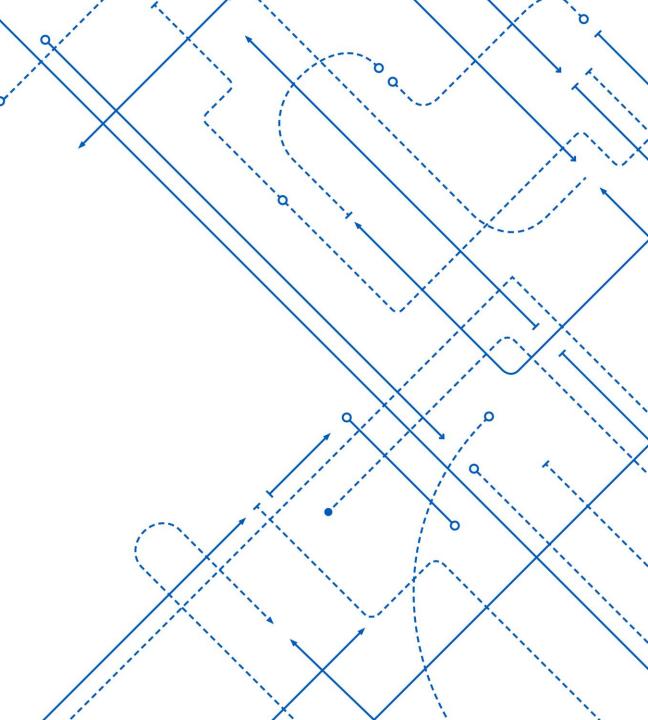
- Yes, two PDF libraries
- PyPDF2 has good tools for manipulating PDFs, but the documentation specifically says not to rely on the text extraction functions
- pdfminer is designed to extract information including text and layout from PDF files, so can be relied on for text extraction. But it doesn't have the manipulation functions.





# THE PROJECT

Workflow





### Initial Workflow: Single Script

- Search through PDF for start page (PDF), end page (PDF), author, title, start page (printed)
- Split PDF into multiple files based on start and end pages
- Export metadata into Excel file to be cut and pasted into Digital Commons batch spreadsheets

Just One Problem: OCR. It's not good enough to allow the code to consistently identify the metadata elements.

25



### Scan file

Use appropriate dsplit-XX.py to extract metadata. Use the --write-csv-only option because none of the OCR is good enough to trust that it's right.

#### eview/buflr1/09\_1BuffLRev28(1951-1952).pdf

18 Workmen's Compensation injuries Arising out of and in Course of Employment when Does Horseplay Amount to Abandonment

john@john-UX31A:~/PycharmProjects/journaltools\$ python3 dsplit-rd.py -v --writecsv-only '/media/john/B48A-17E4/Buffalo Law Review/buflr1/09\_1BuffLRev28(1951-19 52)-NEW.pdf'

Reading file: /media/john/B48A-17E4/Buffalo Law Review/buflr1/09\_1BuffLRev28(195 1-1952)-NEW.pdf

#### Processing PDF pages

19 20 21

WARNING! Missing titles, start pages, and starting PDF pages Data written to file: /media/john/B48A-17E4/Buffalo Law Review/buflr1/09\_1BuffLR ev28(1951-1952)-NEW.csv john@john-UX31A:~/PycharmProjects/journaltoolsS

#### 09 1BuffLRev28(1951-1952)-NEW.csv - LibreOffice Calc File Edit View Insert Format Styles Sheet Data Tools Window Hel 🖬 • 🛅 • 🔚 • 🔣 🚍 6 🖣 🛅 • [ a 📿 Aby 🖽 • 🎚 • Μή 🤃 🕆 🐺 國 🌪 🚺 Ω 🚎 🖵 🔲 🗋 🛱 • 🥅 📟 | 🚍 🚍 🚍 🖽 🖃 🖃 🖳 🐺 • % 0.0 🗓 🐄 🔐 🖭 🖅 🔚 • 🕞 • 🛄 • 📑 • <u>a</u> - = -Liberation Sans 🔻 10 α a 🔹 🏂 Σ = title D G н B art page start pdf page end pdf page f name1 m name1 I name1 suffix1 f name2 Unfair Competition public Will Be Protected Although Plaintiff Has No Standing in Court 3 John Goodel Conflict of Laws right to Bring Action Based on A Tax or Revenue Statute in A Sister State 6 Alvin Glick Labor Law injunctions jurisdiction of N. L. R. B. Held Exclusive 11 Francis Greune Wills totten Trusts distribution of Balance of Deposit After Invasion by Widow 15 Samuel Miserending Robert Administrative Lawworkmen's Compensation "Accidental Injury" as A Question Of. Fact 43 18 Robert Fleming Taxation federal Income Tax interest in Law Partnership as A Capital Asset 21 Henry Woicicki Conflict of Laws-Devise of Foreign Realty renvoi Expressly Adopted 24 Philip Erickson Husband and Wife recovery by Wife for Loss of Consortium 26 Thomas Kelly 28 Morree 10 Annulment Proceedings for Fraud sufficiency of Proof how to Prove Refusal to Have Sexual Intercourse Levine Negligence last Clear Chance Held Applicable Though Defendant's Driver Did Not See Deceden 31 Alvin Glick 12 Limitation of Actions implied Warranty "Contract" Action Held Barred by Injury to Property Statute of Limitations 33 John G Wick 13 Labor Law discrimination by Union Seeking Union Shop on Basis of Sex Held "Unreasonable 34 In V. Hacker Wilson 14 Municipal Corporationsnotice of Claim infants 36 David Buch 15 Unfair Competition fair Trade Law Held to Prohibit Cash Register Receipt Discount Plan 38 Burton Sarles 16 Constitutional Law-Civil Rights - "Threat" to Public Order Held Superior to Freedom of Speech 40 Mary Davey 17 Liability of Remote Supplier 42 Edward Spector

David

46 Phyllis

49 Philip

Hubbard

Erickson



#### Check metadata

Open the CSV file and check it against the original PDF. Fix titles, authors, and most importantly, start and ending pages for the PDF split.



3

<section-header><section-header><section-header><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text>

#### ACCE ATUREST The starts a start and the start and the starts and the starts a start and the start and the starts and

#### RECENT DECISIONS

Commission. Armstrong Cork Co. v. Ringwalt, 240 Fed. 1022 (3d Cir. 1917). This was done, and the Commission took appropriate action. Federal Trade Commission v. Ringwalt Linoleum Works, 1 F.T. C. 436 (1919).

In conclusion, it appears that the *Stahly* decision was against the weight of authority, was based upon questionable theory, and was quite unnecessary, since there was a statutory remedy created especially for the type of situation involved.

John L. Goodell

#### CONFLICT OF LAWS — RIGHT TO BRING ACTION BASED ON A TAX OR REVENUE STATUTE IN A SISTER STATE

I. The county of Wayne, Michigan, brought an action in the New York City Municipal Court to collect a personal property tax allegedly due and owing from the defendant. Defendant's motion for a dismissal of the complaint was granted on grounds that the court lacked jurisdiction to entertain the action. The Appellate Term reversed. The Appellate Division reversed the Appellate Term and reinstated the the judgment of the Municipal Court, holding that as at matter of policy the New York courts do not lend themselves to the enforcement of the revenue laws of another state. Wayne County v. American Steel Export Co., 277 App. Div. 585, 101 N.Y. S. 2d 522 (1st Dept. Dec. 1950).

II. The State of Ohio brought an action in Kentucky to recover certain monies owed by the defendant to the Industrial Commission of the State of Ohio for a workmen's compensation assessment. The Kentucky Court of Appeals, reversing the circuit court, held that whether the action was one to collect a tax due a sister state or one to enforce a transitory contract claim, the Kentucky courts would entertain jurisdiction. Ohio v. Arnett, --- Ky. ---, 234 S. W. 2d 722 (Oct. 1950).

These holdings reached by Kentucky and New York reflect the divergent views among our courts, both state and federal, as to whether or not one state should permit its courts to be used by another state seeking to enforce a tax claim. The Supreme Court has held that a *judgment* is not to be denied full faith and credit merely because it is for taxes; *Milwaukee County* v. M. E. White Co., 296 U. S. 268 (1935); but the Court expressly left open the question whether a state is required under full faith and credit to enforce the tax claims of another not yet reduced to judgment.

It has long been a general principle that state laws in and of themselves have no extraterritorial effect. *Magnolia Petroleum Co. v. Hunt*, 320 U. S. 430 (1943); *Mertz v. Mertz*, 271 N. Y. 466, 3 N. E. 2d 597, 108 A. L. R. 1120 (1936); but see 28 U. S. C. § 1738 (1948). However, states ordinarily enforce





### Split PDF

Feed hand-corrected CSV and original PDF back to dsplit-XX.py to split. For extra fun, hand-correct a couple of volumes, then use a bash script to run through them all while you get coffee.

john@john-UX31A: ~/PycharmProjects/journaltools File Edit View Search Terminal Help ohn@john-UX31A:~/PycharmProjects/journaltools\$ for c in {7..13}; do python3 dsplit-coa.py -v -i /media/john/B48A-17E4/court-of-appe als/??\_\$c\*.csv /media/john/B48A-17E4/court-of-appeals/??\_\$c\*.pdf; done Start or ending PDF pages appear to be missing. Check input file. Exporting split PDFs: Exporting to /media/john/B48A-17E4/court-of-appeals/12 7BuffLRev63(1957-1958)-0.pdf Exporting to /media/iohn/B48A-17E4/court-of-appeals/12 7BuffLRev63(1957-1958)-1.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12\_7BuffLRev63(1957-1958)-2.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12\_7BuffLRev63(1957-1958)-3.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12 7BuffLRev63(1957-1958)-4.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12 7BuffLRev63(1957-1958)-5.pdf Exporting to /media/iohn/B48A-17E4/court-of-appeals/12 7BuffLRev63(1957-1958)-6.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12\_7BuffLRev63(1957-1958)-7.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12 7BuffLRev63(1957-1958)-8.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12 7BuffLRev63(1957-1958)-9.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12 7BuffLRev63(1957-1958)-10.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12\_7BuffLRev63(1957-1958)-11.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12 7BuffLRev63(1957-1958)-12.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12\_7BuffLRev63(1957-1958)-13.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12 7BuffLRev63(1957-1958)-14.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12 7BuffLRev63(1957-1958)-15.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12\_7BuffLRev63(1957-1958)-16.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12 7BuffLRev63(1957-1958)-17.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12\_7BuffLRev63(1957-1958)-18.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/12 7BuffLRev63(1957-1958)-19.pdf Exporting to /media/iohn/B48A-17E4/court-of-appeals/12\_7BuffLRev63(1957-1958)-20.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-11.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-12.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-13.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14 13BuffLRev135(1963-1964)-14.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-15.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-16.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-17.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14 13BuffLRev135(1963-1964)-18.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-19.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-20.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-21.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-22.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-23.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-24.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-25.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-26.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-27.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-28.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-29.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-30.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14 13BuffLRev135(1963-1964)-31.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-32.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-33.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-34.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-35.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-36.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-37.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-38.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-39.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-40.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-41.pdf Exporting to /media/john/B48A-17E4/court-of-appeals/14\_13BuffLRev135(1963-1964)-42.pdf n@john-UX31A:~/PycharmProjects/journaltools\$

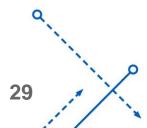


#### Convert CSV

Feed that CSV file to dc-convert.py. Copy everything back to the main computer. Cut and paste entries from exported Excel file into DC spreadsheet. FileNotFoundError: [Errno 2] No such file or directory: '/media/john/B48A-17E4/Buffalo Law Review/burlf1/09\_1\*.csv' john@john-UX31A:~/PycharmProjects/journaltools\$ python3 dc-convert.py -v -p /media/john/B48A-17E4/buffalolawreview.xlsx '/media/joh /B48A-17E4/Buffalo Law Review/buflr1/09\_1'\*.csv Using template file /media/john/B48A-17E4/buffalolawreview.xlsx Reading /media/john/B48A-17E4/Buffalo Law Review/buflr1/09\_1BuffLRev28(1951-1952)-NEW.csv Saving /media/john/B48A-17E4/Buffalo Law Review/buflr1/09\_1BuffLRev28(1951-1952)-NEW.xlsx

ohn@john-UX31A:~/PycharmProjects/journaltools\$

Liberation San: 🔹 10 🔹 🍓 🦉 · 🗮 · 🚍 · 🚍 🚍 🚍 📰 🗇 🖃 🖉 · %	0.0 🛐 🍕	🖞 📑 🧮 👘	Ca	libri	· 11	- a	ι <i>α</i> <u>a</u>	<u>a</u> . 🗉	· = ·	₹ ₹ ⇒ ₩	<b>- - -</b>	% 0.0 🛐	÷0	>= <=	· 🖻
1 $\checkmark$ $\not\equiv$ $\sum$ = title			F10		- #	Σ = Μ									
Α	В	C D		A	В	c	D	E	F	G H		К	L	M	
Title State Stat	start page sta	rt_pdf_page_end_pdf_page	1	title					hauthor1	author1 author		author1	▶author2		Pauth
2 Unfair Competition—Public Will Be Protected Although Plaintiff Has No Standing in Court	28	0			mpetition-	Public W	ill Be Prot			Goodell	-	FALSE		,	-
3 Conflict of Laws—Rght to Bring Action Based on A Tax or Revenue Statute in A Sister State	31	3			f Laws-Ro				Μ.	Glick		FALSE			
4 Labor Law—Injunctions—Jurisdiction of N. L. R. B. Held Exclusive	35	7			v—Injuncti				W.	Greune		FALSE			
5 Wills—Totten Trusts—Distribution of Balance of Deposit After Invasion by Widow	40	12										FALSE	Robert	D	Flore
6 Administrative Law-Workmen's Compensation-"Accidental Injury" as a Question of Fact	43	15			tten Trusts					Miserendino			Robert	в.	Flem
7 Taxation—Federal Income Tax—Interest in Law Partnership as A Capital Asset	46	18			rative Law-				В.	Fleming		FALSE			
8 Conflict of Laws—Devise of Foreign Realty—Renyoi Expressly Adopted	49 52	21			-Federal In					Wojcicki		FALSE			
Husband and Wife—Recovery by Wife for Loss of Consortium     Annument Dressonings for Found - Settleigness of Dress, How to Dress Defined to How Settleigness on Construction	54	24			f Laws—De				Α.	Erickson		FALSE			
Annulment Proceedings for Fraud—Sufficiency of Proof—How to Prove Refusal to Have Sexual Intercourse     Negligence—Last Clear Chance Held Applicable Though Defendant's Driver Did Not See Decedent	56	28	9	Husband	and Wife-	Recovery	by Wife t	fo Thomas	J.	Kelly		FALSE			
Limitation of Actions—Implied Warranty "Contract" Action Held Barred by Injury to Property Statute of Limitations	59	31	10	Annulme	nt Proceed	ings for Fr	raud—Suf	f Morree	M.	Levine		FALSE			
3 Labor Law-Discrimination by Union Seeking Union Shop on Basis of Sex Held "Unreasonable"	61	33	11	Nealiaen	ce—Last Cl	ear Chanc	e Held Ar	Alvin	Μ.	Glick		FALSE			
4 Municipal Corporations-Notice of Claim-Infants	64	36			of Actions				G.	Wick		FALSE			
5 Unfair Competition—Fair Trade Law Held to Prohibit Cash Register Receipt Discount Plan	66	38			v—Discrim					Buch		FALSE			
6 Constitutional Law-Civil Rights-"Threat" to Public Order Held Superior to Freedom of Speech	71	40 .			Corporation				В.	Sarles		FALSE	Edward	-	Schv
7 Negligence—Doctrine of MacPherson v. Buick—Liability of Remote Supplier	70	42 4			mpetition-				Б. К.	Davey		FALSE	Luwaru	J.	2010
8 Workmen's Compensation-Injuries Arising out of and in Course of Employment-When Does Horseplay Amount to Abandonment?	74	46										FALSE			
9					ional Law-				5.	Spector				-	
0 2 2 4 5 6					ce—Doctrir				J.	Hubbard		FALSE	David	S.	Reisr
				Workmer	s Comper	sation—Ir	njuries Ari	s Philip	A.	Erickson		FALSE			
2			19												
3			20												
4			21												
5 5			22												
7			23												
8			24												
9			25	-				-				-			
0			25												
1															
2			27												
3			28												
4			29												
5			30 31												
6			31												
7			32												
8			33												
9			34												
1			35	-											
2			35												
7       8       9       9       1       2       3       4       5       6       7												-			
4			37												
15			38												
6			39												
7			40												
8			41												



 $\cap$ 



#### Hand-check as normal

Open split PDFs in Box preview. Check page split. Double-check metadata. Add disciplines. Cut and paste Box link.

Clipboard 12 Font 12 Alig	gnment r <sub>a</sub>	Number 5	ormatting * Table *		tyles		Cells	- Clear	F* Filter * Selec Editing	Box	This File * Webex
87 ▼ :: × ✓ fx https://buffalo.box.com/shared/sta	atic/5jprd7bd5wjpkncm610	06my4m89x3jbfj.pdf									
A B C D 1 title fulltext url keywords abstract at	E F uthor1 fname author1 m	G authort Iname	H author1_suffix	author1 email	J author1_institution	K n author1 is corpo	L or: author2_fname	M author2_mname	N author2 Iname	O author2 suffix	P author2_email
2 Title Page https://buffalo.box.com/shared/static/b82ux23wnmohhsg Bi	uffalo Law Review					TRUE					
Table of Contents (https://buffalo.box.com/shared/static/56qwdo216zxq8zhr Bi	uffalo Law Review					TRUE					
A Note from the Echttps://buffalo.box.com/shared/static/42lavgipeqp1ee8x1tBi The Natural Law arhttps://buffalo.box.com/shared/static//Address given at tHE	dward F	Barrett			College of Law, Un						
Board of Editors https://buffalo.box.com/shared/static/t2obxutusgne6eu8vBi	uffalo Law Review	Darrett			College of Law, Of	TRUE					
The Court of Apper https://buffalo.box.com/shared/static/5jprd7bd5wjpkncm6Bi	uffalo Law Review					TRUE					
Administrative Law https://buffalo.box.com/shared/static/ Black River Regula Jo	ohn J.	Cooney				FALSE					
Administrative Law https://buffalo.box.com/shared/static/ Evans v. Monaghal Jo 0 Administrative Law https://buffalo.box.com/shared/static/l Hecht v. Monaghar Jo	ohn J.	Cooney Cooney				FALSE					
1 Administrative Law https://buffalo.box.com/shared/static/(Alexander et al. v. Jo	ohn J.	Cooney				FALSE					
2 Administrative Law https://buffalo.box.com/shared/static// Gulf Oil Corp. v. Jo Jo	ohn J.	Cooney				FALSE					
3 Administrative Law https://buffalo.box.com/shared/static/(Peters v. New Yorl Jo 4 Administrative Law https://buffalo.box.com/shared/static/ Gimprich v. Board Jo		Cooney				FALSE					
<ol> <li>Administrative Law https://buffalo.box.com/shared/static/ Gimprich v. Board Jo</li> <li>Business Associal https://buffalo.box.com/shared/static/. In re McKinney, 30Ju</li> </ol>		Cooney				FALSE					
6 Business Associal https://buffalo.box.com/shared/static/(Duane Jones Co., Ju		Gordon				FALSE					
7 Business Associal https://buffalo.box.com/shared/static/;Essenson v. UppelJu	ules	Gordon				FALSE					
8 Business Associal https://buffalo.box.com/shared/static/[General Electric C Ju	ules D	Gordon				FALSE					
9 Civil Practice—Juri https://buffalo.box.com/shared/static/ Psaty v. Duryea, 3 G 0 Civil Practice—Sta https://buffalo.box.com/shared/static/, Hornblower & Wee G	erard R.	Haas Haas				FALSE					
1 Civil Practice-Ser https://buffalo.box.com/shared/static/(Sease v. Central GG	erard R.	Haas				FALSE					
2 Civil Practice-Joir https://buffalo.box.com/shared/static/ Carruthers v. Jack G	erard R.	Haas				FALSE					
3 Civil Practice-Thi https://buffalo.box.com/shared/static/ Dick v. Sunbright \$G	erard R. erard R.	Haas				FALSE					
4 Civil Practice—Sui https://buffalo.box.com/shared/static/(Flagg v. Nichols, 3 G 5 Civil Practice—Rev https://buffalo.box.com/shared/static/ Slater v. Gulf, Mob G	erard R. erard R	Haas Haas				FALSE					
6 Civil Practice-Dechttps://buffalo.box.com/shared/static//Garvin v. Garvin, 3(G	erard R.	Haas				FALSE					
7 Civil Practice-Evi https://buffalo.box.com/shared/static// Switzer v. Aldrich, G	erard R.	Haas				FALSE					
8 Contracts—Parol Enttps://buffalo.box.com/shared/static/ Perlman v. Israel & Fr 9 Contracts—Agreer https://buffalo.box.com/shared/static/ Riverdale Fabrics (Fr		Dombrowski Dombrowski	Jr.			FALSE					
9 Contracts—Agreer https://buffalo.box.com/shared/static/!Riverdale Fabrics (Fr 0 Contracts—Condit https://buffalo.box.com/shared/static/!Wagner v. Dereckt Fr	rank	Dombrowski	Jr.			FALSE					
1 Contracts-Emplo https://buffalo.box.com/shared/static/jWilson Sullivan Co Fr	rank	Dombrowski	Jr.			FALSE					
2 Contracts-Constr https://buffalo.box.com/shared/static/iEhag EisenbahnwiFr	rank	Dombrowski	Jr.			FALSE					
3 Contracts—Negoti https://buffalo.box.com/shared/static/ Hall v. Bank of Bla Fr 4 Criminal Law—Sta https://buffalo.box.com/shared/static/ People v. Gould, 3 J.	rank 🛛	Dombrowski Guzzetta	Jr.			FALSE					
<ol> <li>Criminal Law—Sta https://buffalo.box.com/shared/static/i People v. Golid, 5.5.</li> <li>Criminal Law—Am https://buffalo.box.com/shared/static/i People v. Easton, J.</li> </ol>	A.	Guzzetta				FALSE					
6 Criminal Law-Gra https://buffalo.box.com/shared/static/(Schneider v. Aulisi J.	Α.	Guzzetta				FALSE					
7 Criminal Law-Bai https://buffalo.box.com/shared/static/ People v. FiannacaJ.	A.	Guzzetta				FALSE					
8 Criminal Law—At t https://buffalo.box.com/shared/static/i People v. Cooper eJ.	A.	Guzzetta				FALSE					
9 Criminal Law—Aft(https://buffalo.box.com/shared/static/(People ex rel. Sed J. 1 Decedent Estates.https://buffalo.box.com/shared/static/(In re Cerddington's Lin	A. arry T	Guzzetta				FALSE					
9 Criminal Law—Aftéhttps://buffalo.box.com/shared/static/iPeople.ex.rel. Sed J. 0 Decedent Estates-https://buffalo.box.com/shared/static/in.re.Coddinoton's H Weiverity at Britis Ubasies- Weiverity at Britis Ubasies- 9 Q-statift.exections-AALL X Q-9 Q-statift.exections-	A. arrv T 55)-2.; X CALIcon19.Presenter	Guzzetta Dixon Notes   C × +				FALSE					
0 Decedent Estates-https://buffalo.box.com/shared/static/i.ln.re.Coddinaton's Hi University at Buffalo Libraries X Publication: - AALL X Decederation - AALL A Decederation - AALL - Decederation - AA	A. T 55)-2.0 X CAUcon19 Presenter				.com/file/372332522091	FALSE					
Decedent Estates-https://buffalo.box.com/shared/static/i.in.re.Coddinaton's Hi     Devensity at Buffalo Ubasies X Publication: -AALL X Doversity at Buffalo Ubasies	A. arrv T 55)-2 X CALIcon19 Presenter				.com/file/372332522091 leference 🚯 Staffweb	FALSE					
0       Decedent Estates-https://buffale.box.com/shared/static/liner Coddinators' IH         University at Buffale.bloaters       ×       = Publications - AAL       ×       = 09,464tff.8ee21(1934-195         ->       ◆       €       ŵ       https://buffale.app.box.com/lie/S72340349269	arrv T T CALIcon19 Presenter					FALSE					
Bl Dacedent Estate-https://buffab.box.com/shared/static/ih ne Coditionton's Https://buffab.gop.box.com/shared/static/ih ne Coditionton's Https://buff	arrv T T SS)-2 = X CALIcon 19 Presenter					FALSE					
B     Decenter Estates-Inters/Inutifiab box com/shared/static/in re Coditiontors HL       Uberendy at Mife Userses     X     ■ 0.444/HER/1984165       →     C     M     Image: State St	arry T 55)-2 × CALIcon19 Preventer					FALSE					
B IB-codent Extates-https://bifails.box/cons/shand/statis/in re Coditionors + H Working & Method Network - Akt → 9, 444(Hate)(1954-195 → 0      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O     O     O     O     O	arry T 30)-2,5 X CALkon 19 Preventer					FALSE					
B IB-codent Extates-https://bifails.box/cons/shand/statis/in re Coditionors + H Working & Method Network - Akt → 9, 444(Hate)(1954-195 → 0      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O     O     O     O     O	AL arrv T \$9922 × Sc CALicon19 Proverter					FALSE					
→ → C	arrv T 30-2.5 X & CAlkon 19 Presenter					FALSE					
B IB-codent Extates-https://bifails.box/cons/shand/statis/in re Coditionors + H Working & Method Network - Akt → 9, 444(Hate)(1954-195 → 0      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O     O     O     O     O	S)-2.5 X 🕹 CAlkon/9 Presenter	Dixon Notes C X +			leference 🚺 Staffweb	FALSE FALSE					
B IB-codent Extates-https://bifails.box/cons/shand/statis/in re Coditionors + H Working & Method Network - Akt → 9, 444(Hate)(1954-195 → 0      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O     O     O     O     O	S)-2.5 X 🕹 CAlkon/9 Presenter				leference 🚺 Staffweb	FALSE FALSE	et of app	PEALS, 195	3 TERM		
B IB-codent Extates-https://bifails.box/cons/shand/statis/in re Coditionors + H Working & Method Network - Akt → 9, 444(Hate)(1954-195 → 0      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O      O     O     O     O     O	THE COURT OF A	Dixon Notes C X +	м		leference 🚺 Staffweb	FALSE FALSE HE COUR			3 TERM		
B Decedent Extates-https://bifails.box.com/shand/statis/in re. Conditionton's Hill Working & Melhadison-Addl 2010 Working	THE COURT OF A dicata	Dixon Netes (C X +			eference 🚯 Staffweb	FAISE FAISE	RT OF APP		3 TERM		
Draceder Extates_htro: //buffalls box convirtement(statistic) in re Contrientons + H     Devents # United States > H     Devents     Devents # United States > H     Devents     Devents # United States > H     Devents     Dev	THE COURT OF A dicata e familiar rule that the	Dixon Netes (C X +	er of society		telerence 🗊 Staffweb TH Standi	FALSE FALSE M HE COUR	L ADMINISTER	ATIVE LAW			
B Decedent Extense-htno: //bifails box cont/shand(static)In re Conditionton's H     box(served shall share s	THE COURT OF A dicata e familiar rule that the	Dixon Netes (C X +	er of society		elerence 🗊 Staffweb TH Standi	FALSE FALSE FALSE HE COUR	L ADMINISTER			×	
B Decedent Extense-htno: //bifails box cont/shand(static)In re Conditionton's H     box(served shall share s	THE COURT OF A dicata e familiar rule that the	Dixon Netes (C X +	er of society		elerence 🗊 Staffweb TH Standi	FALSE FALSE FALSE HE COUR	L ADMINISTRA	ATIVE LAW BuffLRev21(1954-1	1955)-1.pdf	×	
B Decedent Extense-htno: //bifails box cont/shand(static)In re Conditionton's H     box(served shall share s	THE COURT OF A dicata e familiar rule that the	Dixon Netes (C X +	er of society		eterne 1) Saflorb TH Standi Ti given Kiner	FALSE FALSE M HE COUR	L ADMINISTER	ATIVE LAW BuffLRev21(1954-1		×	
a Decedent Extense-https://bfallsb.box.com/shand(static/line to Conditiontors Htt ) bucknets # Method Reveal Aut 2	THE COURT OF A dicata 6 familiar rule flat the that there be an end to oceas are such that a ri fosta is inappropriate. <sup>33</sup>	Divon Notes : × + PPEALS, 1953 TER. peace and good ord Higation holds as we characteristics of the Decisions of administ	er of society Il for the de- of courts of administra- doctrine of rative tribu- uasi-judicial unistorial on		eterne 1) Saflorb TH Standi Ti given Kiner	FALSE FALSE FALSE MINING TO Sue The ability of t by previous a Resolutions a	L ADMINISTRA	ATIVE LAW BuffLRev21(1954-1	1955)-1.pdf	×	
a Decedent Extense-https://bfallsb.box.com/shand(static/line to Conditiontors Htt ) bucknets # Method Reveal Aut 2	THE COURT OF A dicata 6 familiar rule flat the that there be an end to oceas are such that a ri fosta is inappropriate. <sup>33</sup>	Divon Notes : × + PPEALS, 1953 TER. peace and good ord Higation holds as we characteristics of the Decisions of administ	er of society Il for the de- of courts of administra- doctrine of rative tribu- uasi-judicial unistorial on		eterne 1) Saflorb TH Standi Ti given Kiner	FALSE FALSE FALSE MINING TO Sue The ability of t by previous a Resolutions a	L ADMINISTRA Share '09_4B Invite People	ATTYR LAW BuffLRev21(1954-1	1955)-1.pdf	×	
a Decenter Estates-http://bfalls/box/cont/shand(static)/in re Conditionton's H boxens/shand(static)/in re Conditionton's H boxens/shand(static)/in reconductive/shand(static)/in reconduc	THE COURT OF A dicata a familiar rule that the that there be an end to a daministrative tribun However, the poeniar. However, the poeniar, ionata is mappeopriate. <sup>24</sup> e traditionally characte en hand, and legislative ar. <sup>24</sup> Res judicata is un investigation will show	Divon Notanje × + PPEALS, 1953 TER. peace and good orde lifigation holds as we horasterities of the administrative, or m anally hold applicable Desisons of administ rized as judiais or qu	er of society Il for the de- of courts of administra- e doctrine of insterial on to decisions ond type, al- t always ap-		derece 1 2dfeeb TH Standi T given River there here to n there to n	FALSE FALSE FALSE HE COUR HE COUR He ability of t by proving a Regulating D he astron of the expenditions D he astron of the expenditions D	L ADMINISTRA Share '09_4B	ATTYR LAW BuffLRev21(1954-1	1955)-1.pdf	×	
a Decenter Estates-http://bfalls box conv/hand/static/in re Conditionton's H box decements / Polisies-addt 2015 99,444444411054195 99,444444411054195 99,4444444411054195 99,44444444110541954195 90,444444444111054195 90,4444444441110541954195 90,444444441110541954195 90,4444444411110 90,44444411111 90,1111 90,1111 90,1111 90,111	THE COURT OF A dicata a familiar rule that the that there be need to of administrative tribu However, the peculiar ones are such that ar i the traditional begolative to traditional of the court investigation will show	Divon Numpic X + PRAMA Press and pool correlation Infigation holds as well infigation holds as well as the available of the relations of the sec haracteristics of the relations of the sec haracteristics of the relation of the sec haracteristics of the sec haracteristics of the relation of the sec haracteristics of the sec hara	or of society ll for the de- of courts of administra- e doctrine of irative tribu- uasi-judicial unisterial on to decisions ond type, al- t always ap-		derece 1 2dfeeb TH Standi T given Kiver there a rive there to r there to r	FALSE FALSE FALSE MINING TO Sue The ability of t by previous a Resolutions a	L ADMINISTRA Share '09_4B Invite People	ATTYR LAW BuffLRev21(1954-1	1955)-1.pdf	×	
a Decenter Estates-http://bfalls box conv/hand/static/in re Conditionton's H box decements / Polisies-addt 2015 99,444444411054195 99,444444411054195 99,4444444411054195 99,44444444110541954195 90,444444444111054195 90,4444444441110541954195 90,444444441110541954195 90,4444444411110 90,44444411111 90,1111 90,1111 90,1111 90,111	THE COURT OF A dicata a familiar rule that the that there be need to of administrative tribu However, the peculiar ones are such that ar i the traditional begolative to traditional of the court investigation will show	Divon Numpic X + PRAMA Press and pool correlation Infigation holds as well infigation holds as well as the available of the relations of the sec haracteristics of the relations of the sec haracteristics of the relation of the sec haracteristics of the sec haracteristics of the relation of the sec haracteristics of the sec hara	or of society ll for the de- of courts of administra- e doctrine of irative tribu- uasi-judicial unisterial on to decisions ond type, al- t always ap-		aterece D Satters	FALSE FALSE FALSE THE COURT The ability of t body that a rive expenditures to construction in affect problem	L ADMINISTRA Share '09_4B Invite People	ATTYR LAW BuffLRev21(1954-1	1955)-1.pdf	×	
a Decedent Extates.http://bfalls.box/convirtual/state/iteration/in re/Condition/on/s Hill Working MultiMarker 2  A Decedent Add Multi Add Add Add Add Add Add Add Add Add Ad	THE COURT OF A dicata a familiar rule that the that there be need to of administrative tribu However, the peculiar ones are such that ar i the traditional begolative to traditional of the court investigation will show	Divon Numpic X + PRAMA Press and pool correlation Infigation holds as well infigation holds as well as the available of the relations of the sec haracteristics of the relations of the sec haracteristics of the relation of the sec haracteristics of the sec haracteristics of the relation of the sec haracteristics of the sec hara	or of society ll for the de- of courts of administra- e doctrine of irative tribu- uasi-judicial unisterial on to decisions ond type, al- t always ap-		aterece D Satters	FALSE FALSE FALSE HE COUR HE COUR He ability of t by proving a Regulating D he astron of the expenditions D he astron of the expenditions D	L ADMINISTRA Share '09_4Bi Invite People Pdd names or a Invite as Editor - Share Link	arrye Law BuffLRev21(1954-1	1955)-1.pdf Shared with 🐽 🌚 🕻		
a Decedent Extates.http://bfalls.box/convirtual/state/iteration/in re/Condition/on/s Hill Working MultiMarker 2  A Decedent Add Multi Add Add Add Add Add Add Add Add Add Ad	THE COURT OF A dicata a familiar rule that the that there be need to of administrative tribu However, the peculiar ones are such that ar i the traditional begolative to traditional of the court investigation will show	Divon Numpic X + PRAMA Press and pool correlation Infigation holds as well infigation holds as well as the available of the relations of the sec haracteristics of the relations of the sec haracteristics of the relation of the sec haracteristics of the sec haracteristics of the relation of the sec haracteristics of the sec hara	or of society ll for the de- of courts of administra- e doctrine of irative tribu- uasi-judicial unisterial on to decisions ond type, al- t always ap-		aterece D Satters	FALSE FALSE FALSE THE COURT The ability of t body that a rive expenditures to construction in affect problem	L ADSTINUTION Share '09_4B Invite People Indi nomes or e Invite as Editor	arrye Law BuffLRev21(1954-1	1955)-1.pdf Shared with 🐽 🌚 🕻	×	
C Decedent Extense.http://bfidio.box/convirtues/iteration/in re/Condition/on/s H  Weendwick/MiddleWide/Wide/Wide/Wide/Wide/Wide/Wide/Wide	THE COURT OF A dicata e familiar rule that the that there be an end to of administrative tribu- coses are such that a ri costa is inappropriate." to traditionally characte one hand, and legislative to the first type and some a application of the doct investigation will show the first type and some a application of the doct as audited, it was held i	Divon Numpic X + PPEALS, 1953 TER. peace and good ords lingation holds as well and application of the add application of the add application of the add application of the second second second second interest and second second a division of the second sec	or of society I for the de- of courts of administra- doctrine of rative tribu- uussi-indicial inistorial on to decisions ond type, al- t always ap- second. administra- of lown ao- tute did not		aterece D Satters	FALSE FALSE FALSE THE COURT The ability of t body that a rive expenditures to construction in affect problem	L ADMIINTERIA Share '09_4B Invite People Invite Deople Invite as Editor - Share Link Share Link	arrye Law BuffLRev21(1954-1	1955)-1.pdf Shared with 💿 💽 🕻 Link S		
C Decedent Extense.http://bfidio.box/convirtues/iteration/in re/Condition/on/s H  Weendwick/MiddleWide/Wide/Wide/Wide/Wide/Wide/Wide/Wide	THE COURT OF A dicata e familiar rule that the that there be an end to of administrative tribu- coses are such that a ri costa is inappropriate." to traditionally characte one hand, and legislative to the first type and some a application of the doct investigation will show the first type and some a application of the doct as audited, it was held i	Divon Numpic X + PPEALS, 1953 TER. peace and good ords lingation holds as well and application of the add application of the add application of the add application of the second second second second interest and second second a division of the second sec	or of society I for the de- of courts of administra- doctrine of rative tribu- uussi-indicial inistorial on to decisions ond type, al- t always ap- second. administra- of lown ao- tute did not		aterece D Satters	FALSE FALSE FALSE THE COURT The ability of t body that a rive expenditures to construction in affect problem	I ADMINISTER	ATTYR LAW BuffLRev21(1954-1	1955)-1.pdf Shared with 💿 🚱 🕻 Link S	Settings	
C Decedent Extense.http://bfidio.box/convirtues/iteration/in re/Condition/on/s H  Weendwick/MiddleWide/Wide/Wide/Wide/Wide/Wide/Wide/Wide	THE COURT OF A dicata e familiar rule that the that there be an end to of administrative tribu- coses are such that a ri costa is inappropriate." to traditionally characte one hand, and legislative to the first type and some a application of the doct investigation will show the first type and some a application of the doct as audited, it was held i	Divon Numpic X + PPEALS, 1953 TER. peace and good ords lingation holds as well and application of the add application of the add application of the add application of the second second second second interest and second second a division of the second sec	or of society I for the de- of courts of administra- doctrine of rative tribu- uussi-indicial inistorial on to decisions ond type, al- t always ap- second. administra- of lown ao- tute did not		aterece D Satters	FALSE FALSE FALSE THE COURT The ability of t body that a rive expenditures to construction in affect problem	L ADMINISTER	ATTYS LAW BuffLRev21(1954-1 email addresses ink is enabled .box.com//vppc59aatsi fink - Can view and d	1955)-1.pdf Shared with (1) (2) (2) Link 5 Link 5 Kerlon-94 Copy formioud +	Settings	
C Decedent Extense.http://bfidio.box/convirtues/iteration/in re/Condition/on/s H  Weendwick/MiddleWide/Wide/Wide/Wide/Wide/Wide/Wide/Wide	THE COURT OF A dicata e familiar rule that the that there be an end to of administrative tribu- coses are such that a ri costa is inappropriate." to traditionally characte one hand, and legislative to the first type and some a application of the doct investigation will show the first type and some a application of the doct as audited, it was held i	Divon Numpic X + PPEALS, 1953 TER. peace and good ords lingation holds as well and application of the add application of the add application of the add application of the second second second second interest and second second a division of the second sec	or of society I for the de- of courts of administra- doctrine of rative tribu- uussi-indicial inistorial on to decisions ond type, al- t always ap- second. administra- of lown ao- tute did not		aterece () 2attack TH Standi TT given River heath orthe orthe heath hie eor State tion of a cry a tern	FALSE FALSE FALSE FALSE The ability of the ability	L ADMINISTER	ATTYR LAW BuffLRev21(1954-1	1955)-1.pdf Shared with (1) (2) (2) Link 5 Link 5 Kerlon-94 Copy formioud +	Settings	
	THE COURT OF A dicata e familiar rule that the that there be an end to of administrative tribu- coses are such that a ri costa is inappropriate." to traditionally characte one hand, and legislative to the first type and some a application of the doct investigation will show the first type and some a application of the doct as audited, it was held i	Divon Numpic X + PPEALS, 1953 TER. peace and good ords lingation holds as well and application of the add application of the add application of the add application of the second second second second interest and second second a division of the second sec	or of society I for the de- of courts of administra- doctrine of rative tribu- uussi-indicial inistorial on to decisions ond type, al- t always ap- second. administra- of lown ao- tute did not		aterece () 2attack TH Standi TT given River heath orthe orthe heath hie eor State tion of a cry a tern	FALSE FALSE FALSE THE COURT The ability of t body that a rive expenditures to construction in affect problem	L ADMINISTER	ATTYS LAW BuffLRev21(1954-1 email addresses ink is enabled .box.com//vppc59aatsi fink - Can view and d	1955)-1.pdf Shared with (1) (2) (2) Link 5 Link 5 Kerlon-94 Copy formioud +	Settings	
1 Decedent Fatales-Inter Unified box convirtuesditation in the Condition on a How of the interview of middle dimension and the condition of the interview of t	THE COURT OF A diata of amiliar rule that the familiar rule that the familiar rule that the familiar rule that arises the administrative tribun However, the peculiar to estimate the that arises and the second second second the first type and imposed investigation will show the first type and imposed as and tied, it was held if the second second second second second second second second second second second second the exercising general j the exercising general j the exercising general j the second sec	Divon NAME X + PREALS, 1953 TER. Passe and good ordr infigation holds as well abaracteristics of the add application of the add application of the add application of the add application of the rised as judication or incertain a statistical of the add application of the rised as judication of the rised as judication of the rised as judication of the rise of the results of the rise of the rise of the results of the rise of the rise of the rise of the rise of the rise of the rise of the rise of the rise of the rise of the rise of the rise of the rise of the rise of the rise of the rise of the rise of the rise of the rise of the rise o	or of nocisty I for the de- of courts of administra- doctrine of rative tribu- unais additional administra- taive tribu- to definition administra- to detarbould of town ao- tute did not n to say that or of town ao- tute did not n to say that or one judi- se as well to to decisions ower courts t case seems t case seems		aterece () 2attack TH Standi TT given River heath orthe orthe heath hie eor State tion of a cry a tern	FALSE FALSE FALSE FALSE The ability of the ability	L ADMINISTER	ATTYS LAW BuffLRev21(1954-1 email addresses ink is enabled .box.com//vppc59aatsi fink - Can view and d	1955)-1.pdf Shared with (1) (2) (2) Link 5 Link 5 Kerlon-94 Copy formioud +	Settings	
1 Decedent Fatales-Inter Unified box convirtuesditation in the Condition on a How of the interview of middle dimension and the condition of the interview of t	THE COURT OF A diata of amiliar rule that the familiar rule that the familiar rule that the familiar rule that arises the administrative tribun However, the peculiar to estimate the that arises and the second second second the first type and imposed investigation will show the first type and imposed as and tied, it was held if the second second second second second second second second second second second second the exercising general j illowed this disting ratio	Divon NAME X + PREALS, 1953 TER. Passe and good ordr infigation holds as well abaracteristics of the add application of the add application of the add application of the add application of the rised as judicial or q administrative, or multiplication applied in the trine of res judication applied intense is applied in the trine of res judication applied bordinate tribunda as well and judication applied on the trine of res judication applied bordinate tribunda as well as allowers. In Even	or of nocisty I for the de- of courts of administra- doctrine of rative tribu- unais additional administra- taive tribu- to definition administra- to detarbould of town ao- tute did not n to say that or of town ao- tute did not n to say that or one judi- se as well to to decisions ower courts t case seems t case seems		aterece () 2attack TH Standi TT given River heath orthe orthe heath hie eor State tion of a cry a tern	FALSE FALSE FALSE FALSE The ability of the ability	L ADMINISTER	ATTYS LAW BuffLRev21(1954-1 email addresses ink is enabled .box.com//vppc59aatsi fink - Can view and d	1955)-1.pdf Shared with (1) (2) (2) Link 5 Link 5 Kerlon-94 Copy formioud +	Settings	
1 Decendent Extates-inter Unified box convintenditation in the Conditionaries Hum Unified Box Auto 2010 (1994) (19	THE COURT OF A dicata of familiar rule flat the that there be an end to of administrative tribun However, the peculiar coess are such that a ri coess are such that a ri coess are such that a new such as the such as a coess are such that a low such as a such as a new such as a	Divon NUMBEL × + PREALS, 1963 TER. PREALS, 1964	er of society il for the de- of contristen- doctrine of trative tribu- uussi-indicial insisterial on uussi-indicial insisterial on ond type, al- t always ap- second. administra- of lown ac- of lown ac- of lown ac- of lown ac- of lown ac- to low that ir once judi- se as a well to to decisions to case seems se s. Monag- lice commis- targes where a dth cases		aterece () 2attack TH Standi TT given River heath orthe orthe heath hie eor State tion of a cry a tern	FALSE FALSE FALSE FALSE The ability of the ability	L ADMINISTER	ATTYS LAW BuffLRev21(1954-1 email addresses ink is enabled .box.com//vppc59aatsi fink - Can view and d	1955)-1.pdf Shared with (1) (2) (2) Link 5 Link 5 Kerlon-94 Copy formioud +	Settings	
I Decadent Estata-intro Undata box convintandistandita no Conditionons H     I Decadent All     I Decadent	THE COURT OF A dicata of familiar rule flat the that there be an end to of administrative tribun However, the peculiar coess are such that a ri coess are such that a ri coess are such that a new such as the such as a coess are such that a low such as a such as a new such as a	Divon NUMBEL × + PREALS, 1963 TER. PREALS, 1964	er of society il for the de- of contristen- doctrine of trative tribu- uussi-indicial insisterial on uussi-indicial insisterial on ond type, al- t always ap- second. administra- of lown ac- of lown ac- of lown ac- of lown ac- of lown ac- to low that ir once judi- se as a well to to decisions to case seems se s. Monag- lice commis- targes where a dth cases		aterece () 2attack TH Standi TT given River heath orthe orthe heath hie eor State tion of a cry a tern	FALSE FALSE FALSE FALSE The ability of the ability	L ADMINISTER	ATTYS LAW BuffLRev21(1954-1 email addresses ink is enabled .box.com//vppc59aatsi fink - Can view and d	1955)-1.pdf Shared with (1) (2) (2) Link 5 Link 5 Kerlon-94 Copy formioud +	Settings	
Decaded Estates inter Undeface box convintendistation in a Condition on a H  Decaded of the Hard State inter International Internation in a Condition on a H  O  O  O  O  O  O  O  O  O  O  O  O  O	THE COURT OF A dicata a familiar rule that the that there be an end to administrative tribun However, the peculiar or administrative tribun However, the peculiar or administrative tribun However, the and that a the first type and impolicable the first type and impolicable the first type and impolicable the first type and some explicit on the audits. ' rule which forbids the as andited, it was held to explore a the audits.' rule which forbids the exciting some and the audits.' rule which forbids the exciting golden and and the exceeding golden and and the exce	Divon Nonaci × + PRALS, 1953 TER. Passes and good order Higgston holds as eve characteristics of the obstrated states of the digit application of the that the dootrine is no times is applied in the that the dootrine is no times of the applicable as that the applicable as that the applicable as that the applicable as the applicable as the applicable as the state of the applicable as the applicable as the applicable as the state of the applicable as the applicable as the applicable as the applicable as the applicable as the state of the applicable as the other of the applicable as the state of the state of the applicable as the state of the s	or of society il for the de- of courts of administra- diministra- diministra- diministra- diministra- to decisions ond type, al- t always ap- second. administra- 0 detribuilto administra- 0 detribuilto to decisions over courts outs did not n to say that ro conce judi- se as well to to decisions over courts over court		aterece () 2attack TH Standi TT given River heath orthe orthe heath hie eor State tion of a cry a tern	FALSE FALSE FALSE FALSE The ability of the ability	L ADMINISTER	ATTYS LAW BuffLRev21(1954-1 email addresses ink is enabled .box.com//vppc59aatsi fink - Can view and d	1955)-1.pdf Shared with (1) (2) (2) Link 5 Link 5 Kerlon-94 Copy formioud +	Settings	
Decaded Estates inter Undeface box convintendistation in a Condition on a H  Decaded of the Hard State inter International Internation in a Condition on a H  O  O  O  O  O  O  O  O  O  O  O  O  O	THE COURT OF A dicata a familiar rule that the that there be an end to administrative tribun However, the peculiar or administrative tribun However, the peculiar or administrative tribun However, the and that a the first type and impolicable the first type and impolicable the first type and impolicable the first type and some explicit on the audits. ' rule which forbids the as andited, it was held to explore a the audits.' rule which forbids the exciting some and the audits.' rule which forbids the exciting golden and and the exceeding golden and and the exce	Divon Nonaci × + PRALS, 1953 TER. Passes and good order Higgston holds as eve characteristics of the obstrated states of the digit application of the that the dootrine is no times is applied in the that the dootrine is no times of the applicable as that the applicable as that the applicable as that the applicable as the applicable as the applicable as the state of the applicable as the applicable as the applicable as the state of the applicable as the applicable as the applicable as the applicable as the applicable as the state of the applicable as the other of the applicable as the state of the state of the applicable as the state of the s	or of society il for the de- of courts of administra- diministra- diministra- diministra- diministra- to decisions ond type, al- t always ap- second. administra- 0 detribuilto administra- 0 detribuilto to decisions over courts outs did not n to say that ro conce judi- se as well to to decisions over courts over court		aterece () 2attack TH Standi TT given River heath orthe orthe heath hie eor State tion of a cry a tern	FALSE FALSE FALSE FALSE The ability of the ability	L ADMINISTER	ATTYS LAW BuffLRev21(1954-1 email addresses ink is enabled .box.com//vppc59aatsi fink - Can view and d	1955)-1.pdf Shared with (1) (2) (2) Link 5 Link 5 Kerlon-94 Copy formioud +	Settings	
I Decadent Extata-itter. Uturalita box convintanditation in the Conditionaries I but with any box convintanditation in the Conditionaries I but with any box convintant any box convintan	THE COURT OF A dicata a familia rule that the that there be an end to administrative tribun Howvery, the peculiar ores are such that a ri or daministrative tribun Howvery, the peculiar or shand, and legislative r. <sup>16</sup> Res judicata is us the first type and inapplicab investigation will show first type and legislative e application of the Joet investigation will show the first type and inapplicab investigation will show as a sufficient to the source of the source of the source of the source of the source residence of the source of the source stabilized the hereotop of the ohief witness to established the hereotop at the bocarse of the aver the the bocarse of the aver the bocarse of the aver the the bocarse of the aver the the bocarse of the aver the the bocarse of the aver the bocarse of the aver the the bocarse of the aver the bocarse of the aver the the bocarse of t	Pron Number 2 + + PREALS, 1983 TER. peace and good ord fligation holds as well as a series of the second main as well as those and a series of the second and the second second second as administrative, or more that the doctrine is no the to those of the second that the doctrine is no that the doctrine is no that the doctrine is no the to those of the second that the doctrine is no the to those of the second that the doctrine is no the out the west of response of the second second second second second the second second second the second second second the second second second the second second second second second second second the second second second second second the second second second second second the second second second second the second second second second the second second second second second second the second second second second second second second the second second second second second second second second the second second second second second second second second the second s	er of society I for the de- of annihister doubling the doctrine of trative tribu- uusi-indicial indication of taiways ap- second. administra- of form ac- of form ac- of torm ac- of torm ac- of torm ac- of torm ac- to deterhoudd of torm ac- to taiways ap- second. administra- of torm ac- to deterhoudd of torm ac- to taiways ap- second. administra- to taiways ap- second. administra- to taiways ap- second. to deterhoudd of torm ac- to taiways ap- second. administra- to taiways ap- second. administra- to taiways ap- second. administra- to taiways ap- second. administra- to taiways ap- second. administra- to taiways ap- second. administra- to taiways ap- to taiw		aterece () 2attack TH Standi TT given River heath orthe orthe heath hie eor State tion of a cry a tern	FALSE FALSE FALSE FALSE The ability of the ability	L ADMINISTER	ATTYS LAW BuffLRev21(1954-1 email addresses ink is enabled .box.com//vppc59aatsi fink - Can view and d	1955)-1.pdf Shared with @ @ @ Unik S Link S Kerlon94 Copy formioud +	Settings	
1       Decoderd Fatales-Inter (Muffale box convinced/state/inter to Continuons)       1         >>>       C       0       Muffale box convinced/state/inter-to-to-to-to-to-to-to-to-to-to-to-to-to-	THE COURT OF A dicata a familiar rule that the that there be an end to administrative tribun However, the peculiar or administrative tribun However, the peculiar or administrative tribun However, the and that a the first type and impolicable the first type and impolicable the first type and impolicable the first type and some explicit on the audits. ' rule which forbids the as andited, it was held to explore a the audits.' rule which forbids the exciting some and the audits.' rule which forbids the exciting golden and and the exceeding golden and and the exce	Divon NAME & + + + + + + + + + + + + + + + + + + +	er of society I for the de- of annihister doubling the doctrine of trative tribu- uusi-indicial indication of taiways ap- second. administra- of form ac- of form ac- of torm ac- of torm ac- of torm ac- of torm ac- to deterhoudd of torm ac- to taiways ap- second. administra- of torm ac- to deterhoudd of torm ac- to taiways ap- second. administra- to taiways ap- second. administra- to taiways ap- second. to deterhoudd of torm ac- to taiways ap- second. administra- to taiways ap- to taiways ap- t		aterece () 2attack TH Standi TT given River heath orthe orthe heath hie eor State tion of a cry a tern	FALSE FALSE FALSE FALSE The ability of the ability	L ADMINISTER	ATTYS LAW BuffLRev21(1954-1 email addresses ink is enabled .box.com//vppc59aatsi fink - Can view and d	1955)-1.pdf Shared with @ @ @ Unik S Link S Kerlon94 Copy formioud +	Settings	



### journaltools.py

#### Main Python code—Contains all reusable code

- Author name and title manipulation (splitname, capitalize\_title)
- PDF splitting code (splitpdf)
- PDF reading code (getpdf)
- CSV manipulation (importcsv, exportcsvnew, convertcsv)
- Page preparation (doublepages, croppages)
- PDF manipulation code (combinepdf, shiftpage, dirshift)
- Support code (getfilenames)

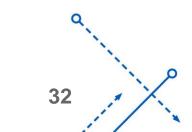
#### Most of these code segments called by external files that act as command-line interfaces

• E.g. dir-shift.py: Takes a path and passes it to dirshift



### dsplit-XX.py

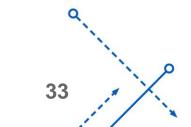
- This is the main metadata extraction and PDF splitting code.
- Different command line file is used for each type of file scanned
- Consists of a command-line interface and scanning code
- Remainder of code is the same for each. Calls to journaltools.py.





### **Other functions**

- combine-pdf.py: Used to combine Hein-split volume indexes back into a single file. Takes a path and combines all files in filename order.
- dc-convert.py: Exports CSV file to an Excel file, with metadata in the proper columns to be cut and paste into DC upload sheets.
- dir-shift.py: Takes a path; copies the first page of every file and adds it as the last page of the previous file in the directory
- page-shift.py: Takes two files and copies the first page of the second file and adds it to the end of the first file (quickly replaced by dir-shift.py)





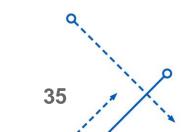
## EXTENSIONS

What else can I do with this thing I built?



### New volumes of Buffalo Law Review

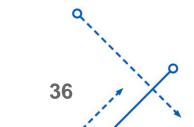
- Five new issues a year need to be processed and uploaded
- NO OCR text
- New command line program extracts metadata from a single file
- Bash script used to scan all articles and write to a single CSV
- Total processing time for an issue: About 15 minutes





### **UB Law Forum**

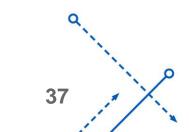
- 38 volumes, 1-2 issues/volume
- OCR text too unpredictable to automatically scan for metadata
- Contents page fairly comprehensive
- Partial automation solution
- Contents text copied and pasted into text editor, cleaned up with search and replace, then copied into Excel file





### **UB Law Forum**

- New code to crop from full magazine page scans to 8.5 x 11
- New code to convert hand-built Excel file to CSV
- PDF splitting and export command lines re-used

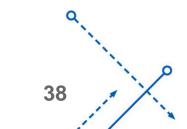




#### Resources

- The journaltools code, at GitHub https://github.com/johnrbeatty/journaltools
- These slides

https://digitalcommons.law.buffalo.edu/law\_librarian\_other\_scholarship/



 $\cap$