# TEXT CLEANING WITH LEXOS

### COMMON ISSUES WITH DIGITIZED HISTORICAL TEXT

- Newspaper column breaks
- Page structure (Table of Contents, Indexes, etc.)
- Condition of the original physical document
- Type of text contained within the document (handwritten v. font type)
- Year the original document was created
- Maturity of the OCR algorithm used at the time of creation
- Images

### Ford Sees No Opportunities For New Watergate Scandal

ir Ford said the strong U.S. m of government enabled nation to survive that "very matic period."

If you look at what happened ore Aug. 9 and what happened e. I think you will come to conclusion that the system work," Mr. Ford said in a lic Broadcasting Service tele-

ce. Mr. Ford said he felt the ness of his administration restored the confidence of U.S. people in their governt, that he had established a d presidency and that he was ning the fight against inflaand recession.

r. Ford said he and his famenjoyed the White House ich he called a "magnificent ne, a super place to live." But said "it can be a little lonely

t also gives you an opunity to focus in on the lems and it is the problems come with the house that te it somewhat difficult at s to really relax and enjoy

he President, reminded by interviewer that many had ded him as an interim ident when he took office asked if he had established

think we have gradually together a domestic program a foreign policy that can dentified as a Ford adminison," he replied. "As we e in the next 12 to 14 months, ink it will become more and evident, which, of course,

WASHINGTON, Aug. 8 (AP) .- ment, for a successful implemenadent Ford said yesterday tation of economic policy that "there would never be an will provide jobs in the private ortunity for another Water- sector in the long run and in e to take place" because of foreign policy will expand our efalert news media, public and forts for peace throughout the world," he said.

gnation as President a year East during the interview and today because of the Water- warned Israel and Egypt that e scandal and Mr. Ford re- they must be more flexible in ted him the following day, their negotiations. He said there is a real possibility of confrontation between the United States and the Soviet Union if war breaks out again in the Middle

> "Both Israel and Egypt have to understand that flexibility at this crucial time is important to the peace of that area and possibly peace in the world. Israel has to be more flexible and I think Egypt has to respond."

> He also said that the House of Representatives has jeopardized U.S. foreign policy and undercut national security by refusing to lift the arms embargo against Turkey. He called the House refusal "the most serious, wrong decision since I have been in Washington, which is 27 years."



Richard Nixon bids farewell to his White House staff on Aug. 9, 1974, the day after he announced his resignation. With him is his wife, Pat, and daughter Tricia . .

## A Year After Resigning, Nixon Remains a Lon

### By Kenneth Reich

SAN CLEMENTE, Calif., Aug. 8. Nixon announced his resignation judgments." Mr. Nixon has been from the presidency at the reported to have discussed the climax of an unprecedented per- guilt of aides, compared wrongonal and governmental scandal. doing in his administration with The next day, he arrived here, alleged wrongdoing of a more beginning what his White House serious nature in other adminnews secretary, Ronald Ziegler, istrations and expressed the view nas called "the first American political exile."

It remains by most evidence a sad, often lonely experience. Mr. Nixon seldom emerges into public view, his health remains precarious, his views toward what has befallen him often are bitter and doubt often is expressed by those in contact with him that his much-heralded book-his only s us an opportunity in the current attempt at public selfelection to lay that record expression-for which he stands to the public can judge it to receive a \$2.5-million advance,

Watergate in proposed documentaries on his presidency.

Far from admitting personal -A year ago today, Richard guilt beyond "mistakes and misthat, when his work is put in historic perspective, popular views of him will change.

"We'll have our day again," he is said to have told a recent

Rabbi Baruch Korff, a Nixon admirer who has raised more than \$200,000 of an estimated \$500,000 needed to pay the former president's legal expenses, sees Mr. Nixon more frequently than others. After his most recent visit, last month, Rabbi Korff said



# SAMPLE I SCAN

"Ford Sees No Opportunities for New Watergate Scandal." International Herald Tribune [European

August 9-10, 1975, p. 3. International Herald Tribune Historical Archive, 1887-2013

s ford Sees No Opportunities for New Watergate Scandal ■, WASHINGTON, Aug. 8 ( d never be an (opportunity for another Water(jSte to take place" because of K ixon announced his (resignation as President a year Bago today because of the ng day, (Aug- 9. (I) Mr. Ford said the strong U.S. system of government enable iod." []"If you look at what happened (before Aug. 9 and what happened [] since m I did work," Mr. Ford said in a (public Broadcasting Service teleI vision i . Ford said he felt the openness of his administration I had restored the co he had established a (I) Ford presidency and that he was I winning the fight a his fammily enjoyed the White House, (I) which, he called a "magnificent(I) hom little lonely [at times." [ "It also gives you an opportunity to focus in on ouse that make it somewhat difficult at times to really relax and enjoy(I) you any had regarded him as an interim President when he took office, was asked i gradually I put together a domestic program and a foreign policy that can j b move in the next 12 to 14 months, I think it will become more and more eviden xt election to lay that record out so the public can judge it against any alt ed about criticism that he had not provided a broad map for the country's fut programs because he wanted first to get the nation's fiscal situation under hink we have made substantial headway-then we can take a look at it and make next State of the Union message will include some subjects that will point i e known, in my judg-,ment, for a successful implementation of economic policy run and in foreign policy will expand our efforts for peace throughout the w the interview and warned Israel and Egypt that they must be more flexible in of confrontation between the United States and the Soviet Union if war breaks to understand that flexibility at this crucial time is important to the peac el has to be more flexible and I think Egypt has to respond." He also said th I.S. foreign policy and undercut national security by refusing to lift the arm al "the most serious, wrong decision since I have been in Washington, which i 11 I i 1 II m I lli V ma i \* S §1? til i I h ! m \* ■ p > ■ s < p m Sag M ■ : ■ mm lllflIPPt United Press International. Richard Nixon bids farewell to his nounced his resignation. With him is his wife, Pat, and daughter Tricia....

## SAMPLE I OCR

### THE

## CONTENTS.

### BOOK III.

### Of WORDS.

#### CHAP.

- 1. Of Words or Language in general.
- 2. Of the Signification of Words.
- 3. Of General Terms.
- 4. Of the Names of simple Ideas.
- 5. Of the Names of mixed Modes and Relations.

#### CHAP.

- 6. Of the Names of Substances.
- 7. Of abstract and concrete Terms.
- 8. Of the Imperfection of Words.
- 9. Of the Abuse of Words.
- 10. Of the Remedies of the forego-ing Imperfections and Abuses,

### BOOK IV.

### Of Knowledge and Opinion.

#### CHAP.

- 1. Of Knowledge in General.
- 2. Of the Degrees of our Knowledge.
- 4. Of the Reality of our Knowledge. 14. Of Judgment.
- 5. Of Truth in General.
- 6. Of universal Propositions, their Truth and Certainty.
- 7. Of Maxims.
- 8. Of trifling Propositions.
- 9. Of our Knowledge of Existence.

### CHAP.

- 12. Of the Improvement of our Knowledge.
- 3. Of the extent of Humane Know- 13. Some other Confiderations concerning our Knowledge.

  - 15. Of Probability.
  - 16. Of the Degrees of Affent.
  - 17. Of Reason.
  - 18. Of Faith and Reason, as Contra distinguished.
  - 19. Of Enthusiasm.

# SAMPLE 2 SCAN

Locke, John. An essay concerning human understanding. In four books. Written by John Locke, Gent. ... 10th ed., vol. 2, printed for Edward Symon, over against the Royal Exchange in Cornhill, M.DCC.XXXI. [1731].

# SAMPLE 2 OCR

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# SAMPLE 3 SCAN

Petitions Dh-Dm; Anton MacKenroth (Anthony MacKennot). 1825 May - 1825 Nov. MS Crime and the Criminal Justice System: Records

from The U.K. National Archives: HO 17 Records created or inherited by the Home Office, Ministry of Home Security, and related bodies, Home. Office: Criminal Petitions, Series I HO 17/30/109. The National Archives (Kew, United Kingdom).

(iiopo¢aljBi) FOR PUBLISHING BV SUBSCRIPTION () TREATISE ON BOOK-KEEPING, APPLICABLE TO THE BREWERY. (≪;^ /.Л 1Г,. ■◆> В∨ EDWARD N. HAYMAN, COMMON BREWER, Author of a Phactical Treatise on Brewing, which has passed through Three Editions. THE success which the Author has met with by the publication of his " Treatise on Brewing," has induced him to submit his System of Book-keeping, as applicable to the Brewery, to the inspection of the Trade; but although the gTeat importance of a correct System of Accounts, in a business like the Brewery, which is exposed to such vast peculation from the numerous parties employed therein, is acknown ledged by every person connected with it, still the Author is aware of the questions that may arise as to the utility of any new work on the subject; however, as there is not one work that is exclusively applicable to the Brewery, the Author is flattered by hopes that his present undertaking may meet with the same liberal reception which his former work has experienced. The present work is founded on the infallible principle of double entry, as well as by single entry, and by a peculiar arrangement of the various accounts, possesses the following advantages over the general method adopted in most Breweries. First. It embraces the power of detecting any wilful expenditure or misapplication of the various articles employed in the Brewery, by the assistance of one or two auxiliary books. Secondly. The Journal becomes not only a correct check upon the accuracy of the Ledger, but also upon the auxiliary books employed. Thirdly. The fluctuation of price in the several articles used in the Brewery is clearly exhibited. Lastly. The present system will point out iu the short space of one hour the actual pet profit per barrel, however extensive the trade of the Brewery, without the trouble of taking- stock, or striking a ue"mimí<H^veŕ^cient^^insure himself a fair living profit; and at the same time he will be able to discover in what particular department any exorbitant or wilful expenditure takes place, and thereby to strike at the root of the evil at once. The Work U founded not on chimerical ideas, but on the actual transactions of one of the most ex- tensive concerns of (/wday) as an Ale and Table Beer Brewery in London, and by founding the Work on bonafide transactions, the correctness of the system is discerned by the method of ascertaining the profit per barrel tallying with the balance as struck at the end of the year, or. more properly speaking, with the profit at the close of the year as appears by the balance sheet. Wth these various advantages the Author looks with some hope to the success of his present undertaking, and should it vie with his - Practical Treatise on Brewing," his labour will be fully reuaid The Πίνοικ w\*) be published in Octavo, by the same respectable Firm as his former of mä rs. Longman, H1 hst. Rees, Orme, and Co., Paternoster Row; and will be put tIpL as such a n,m..r of Subscribers, (b), have been obtained as will cover the expenses oftL pI, I ^ Prh v 2"tv- Boards

# SAMPLE 3 OCR

### WHAT IS LEXOS?

## From the Wheaton College Lexomic Department Website:

"Lexos is a web-based tool to help you explore your favorite corpus of digitized texts. Our primary motivation is to help you find the explorer spirit as you apply computational and statistical probes to your favorite collection of texts. Lexos provides a workflow of effective practices so you are mindful of the many decisions made in your experimental methods."

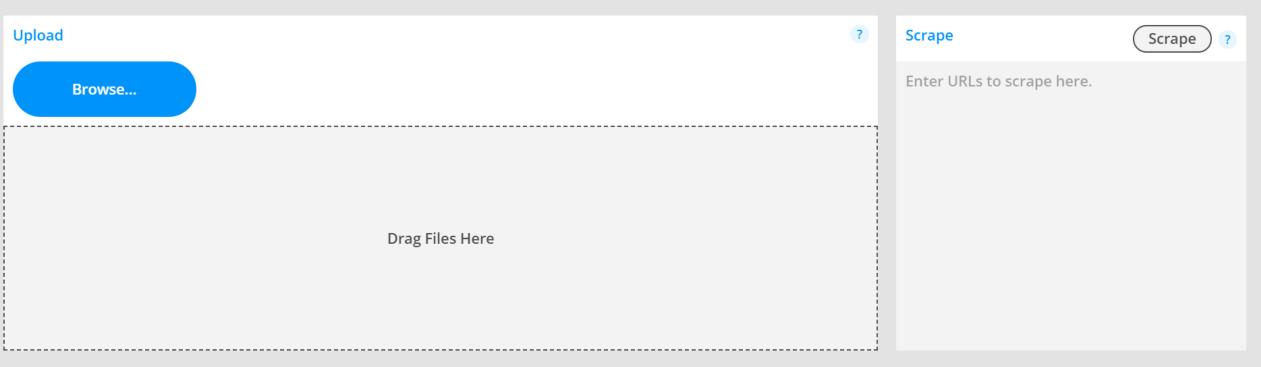


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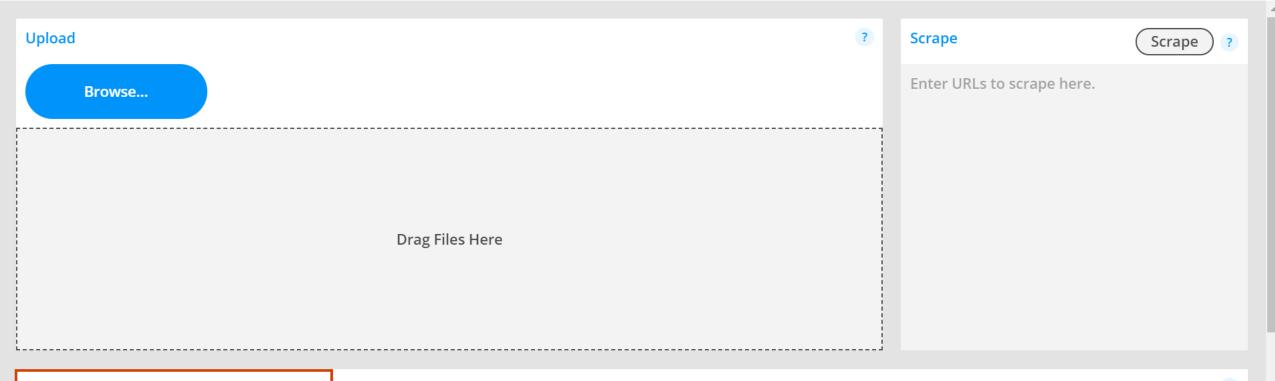
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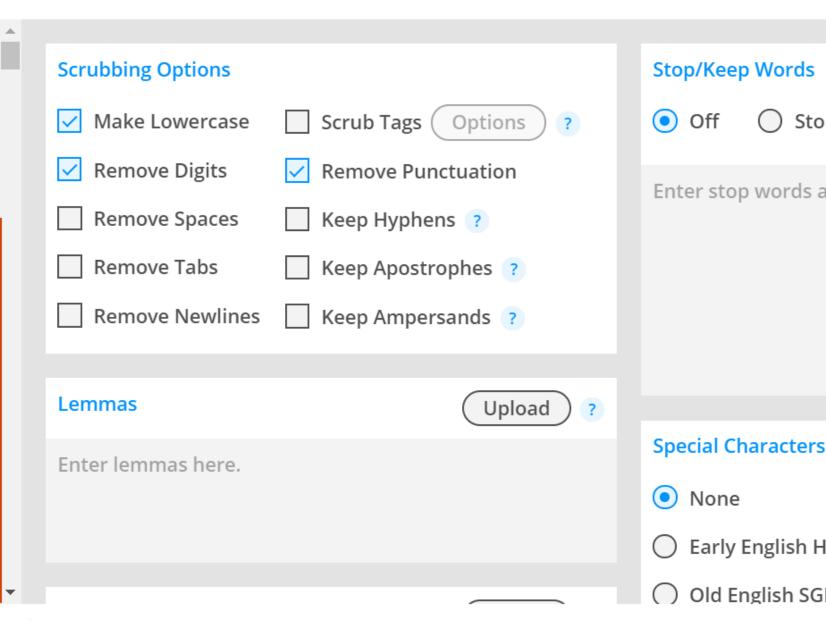
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About Lexos

### The Scrubber Tool

Pre-processing your texts, what we refer to as "scrubbing", is a critical step when probing digitized texts and is a primary step in the Lexos workflow. In order to facilitate a conscious consideration of the many small decisions required, scrubbing options are isolated into individual choices. If for no other reason, your careful deliberation and choice of the many options during scrubbing facilitates replication of your analyses in the future, both by you and others who wish to replicate your





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## LEARNING MILESTONE: IDENTIFYING ISSUES

### OCR

- SAMPLE OCR 4:
- SAMPLE OCR 5:
- SAMPLE OCR 6:

### Issue

- Newspaper column breaks
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- Images



# SAMPLE 4 SCAN

"Seagers Gin." Sunday Times, 15 Dec. 1940, p. 2. The Sunday Times Historical Archive

, . - i, s E Gin makes the Cocktail — gEAGE RS make the gin CEAGERV GIN liiiiiN'Hiiiinar ^Siiiiuiuiiuixa M 01S1IUEBI Of fINE GIN'ttd&f00 OVEI IX> VEARS

# SAMPLE 4 OCR

he There as un the the citizen, of A voites it this "Munty" is wet ret p. J. Where best the recorded. 12 18/58, H. writes It Morty. hot let f. 4. My 46/58. He wites you Burg. fores to 22 3 gt day. Ach. 17/58, 7.8.2 "hencetedo", Jives LL. & M. S. Brickfire & reat po then with offely, 4 mos. 9571-97, I agree to well bing Blowner accomballe for 1/ ant (au hote) - (2.00. dece let prove of this please until after had muche is attichment) the Billeds here an acceptance, whis from pr & fane act - but Bickfreds home tour throthe to h. 9. 2. on a Attachet & 3.00. Jan 3, & letter of J. Eleureze Tue 4th - Kome of two corney. p. A.S. I to L'Eleviere - Vi como rete x 5. 5. he

# SAMPLE 5 SCAN

Dana, Richard Henry. Tremlett vs. Tremlett Sale of Ship—Brig Bloomer, Case no. 1819. October 16, 1858-January 8, 1859. MS Nineteenth Century Crime: Manuscripts and Ephemera from the American Antiquarian Society: Dana, Richard Henry, Jr., Legal Papers, 1729-1895 Case no. 1819. American

Antiquarian Society

£ I) c ; o m m o n w c α I í I) of ill α í β α 1 1) u s c t í í . Suffolk, ss, To the Sheriff of our County of Suffolk, or his Deputy, GREETING. WE COMMAND you to attach the Goods or Estate of mm/A (f:\ tC ^¿fafa: Д^^,Д^ to the value of H^я. A ' /¿tyr/L·- Dollars, and summon the said I t  $Lt/\sim ^$  ^ e  $\tau a$  y De f° un d w y° ur precinct, to appear- before Our Justices of Our Supreme Judicial Court, next to bo hokien at Boston, within and for Our County of Suffolk, on the y\πA t" Tuesday of ' ^£. next; then and there in Our said Court, to answer unto Яр л. ~\* t л w^ OTA - c tL (A^cL t%LCJuu¿CA И- daaruit Crf };/■ 'A /уь&у ¿L rtv,Ac 'л^-^,Ir ' s r To the damage of the said r/U /клА ι T^sLeL&JU/L· ( as ^Ä« t, .w// ) the Sum of ftOlVl \X^ЛлАШлЛ\* Dollars, which shall t^en and there be made to ap¬ pear, with other due Damages. And whereas the said J ûh-iyİt u~òn say , that the said 'ti- 1 ^'^ f. pJiAi-y^t/AA . \_ ha ţ> -not in κ^</ own hands and possession, Goods and Estate to the Value of ' £j0 7 /ύ ţ \^ / ¿ ^? Dollars aforesaid, which can be come at to be attached, but has intrusted to, and de¬ posited in, the hands and possession of J^h^ /. f^uyUfU c Y /' ууь y t /t v ý.A:n /<<u : d^jt^L·\*^, \/ýry^f / АыЛ^\*p^ / to^ A^eлC^A <y~гг хı&Λ A. ftíü. (У -tL èd/iroui J. ишмлХку Ia/uma» A-'/l-y^/ / /уАуу> % . cjJL ^.^^v - Т ,. Mtíec 7 Of llic said ^5Z?βMΓ , ÎO ods, · Effecte, and Credits to the said Value: WE COMMAND you, therefore, that you summon the said, '/Altt^A,, if Mie k may be found in your precinct, to appear before Our Justices of Our said Court to be/hoklen as aforesaid, to shew cause if any /het/ lictft\v\\v Execution, to be issued upon such Judanenfras the said , { /y i ; /y //ý / may recover, against the said /ÝlA/yĹ ì- Al f ' y y/lt-^r w ¿is Action, (if any; should not issue against />£<7 Goods, Effects, or Credits, in the hands and possession of//<i^ the said And have you there this Writ, with your doings therein. Witness, LEMUEL SHAW, Esquire, at Boston, the -UHuJrt day of oo-£££ { y f L^ in the year of our Lord one thousand eight hundred and (mj fqu fr-Jfc^ /'¡t . 8■ AA/AA^ / Clerk.

# SAMPLE 5 OCR

Mrs. Benson Dr Matsner October 14, 1935

In talking with Mrs. Huse this morning, she asked if you had seen the appointments to the committee to investigate contraception. Said you would be interested in the affiliations of the indiddual men:

McCord--strong for b. c.

Kosmak of the National Committee--lukewarm
Woodward--teaches in Georgetown--an R. C.
O'Shea--R. C.

Carl Davis--Marquette Univ. --R. C.

John Rock -- she says is for b. c.

90

## SAMPLE 6 SCAN

Holden, Frederick C., Eric M. Matsner, and Olin West. American Medical Association, Committee to Study Contraceptive Practices and Allied Problems, 1935-1937. 1935-May, 1940. MS Planned Parenthood Federation of America Records, 1918-1974: Part 2: Correspondence and Subject Files, 1920-1974: Subject Files. Sophia Smith Collection, Smith College Library

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Octoter 14, 1935 In talking with Mrs. Huse this morning, she asked if 70 a had seen the appointments to the committee to investiggge contraception. Said you would he interested in the affilia« tions of the intiåådoal men; McCord—strong for h. c. Eo smak o f t he Nat ional Görnit tee—lukewam Woodward—teaches in Georgetown—an R, C. O'Shea— B , C. Carl Davis—Marquette Uniy. — B. C 1 John Bock—she says is for h. c. m g

# SAMPLE 6 OCR