

# Auto-Archive

John Keating



COP21 Climate Change Talks  
Paris, 2016





League of Nations  
Paris, 1920

# The League of Nations Archive

- 25,311 documents



# The League of Nations Archive

- 25,311 documents
- 11,918 are in English

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## Goals

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## Goals

- Preserve



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- Preserve
- Accessible and Interactive



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- 25,311 documents
- 11,918 are in English

## Goals

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- Preserve
- Accessible and Interactive
- Minimal Human Input

# Challenges

Geneva, June 27th, 1925.

## TRAFFIC IN OPIUM

### Operations of a Syndicate for importing opium and narcotics

Note by the Secretary-General

The following memorandum forwarded by the British Government together with a letter from the Italian Ministry of Foreign Affairs, are circulated to the members of the League, the Parties to the Opium Convention, and the Members of the Advisory Committee.

NOTE ON THE OPERATIONS OF A SYNDICATE FOR IMPORTING OPIUM AND NARCOTICS, AS DISCLOSED BY THE SEIZURE OF DOCUMENTS AT 51, CANTON ROAD, SHANGHAI, IN JANUARY 1925.



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NOTE ON THE OPERATIONS OF A SYNDICATE  
NARCOTICS, AS DISCLOSED BY THE CHINESE  
ROAD, SHANGHAI, IN JANUARY 1925.

## OCR Output

LEAGUE\_0 ? MATCOIS Geneva, June 27th, 1925 0\_Th v  
>: TTJ, 1 Operations of a Syndicate for importing  
opium and narcotics Note by the Secretary-General The f  
o l l o w i n g m e m o r a n d u m f o r w a r d e d b y t h e B r i t i s h  
J o u r n a l t o g e t h e r w i t h a l e t t e r f r o m t h e I t a l i a n U i  
n i s t r y o f f o r e i g n A f f a i r s , a r e c i r c u l a t e d t o t h e  
m e m b e r s o f t h e L e a g u e , t h e p a r t i e s t o t h e O p i u m C  
o n v e n t i o n , a n d t h e M e m b e r s o f t h e A d v i s o r y C o m m i t t e e « Q T B



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o l l o w i n g m e m o r a n d u m f o r w a r d e d b y t h e B r i t i s h  
G o v e r n m e n t t o g e t h e r w i t h a l e t t e r f r o m t h e I t a l i a n U n i  
n i s t r y o f f o r e i g n A f f a i r s , a r e c i r c u l a t e d t o t h e  
m e m b e r s o f t h e L e a g u e , t h e p a r t i e s t o t h e O p i u m C  
o n v e n t i o n , a n d t h e M e m b e r s o f t h e A d v i s o r y C o m m i t t e e « Q T B

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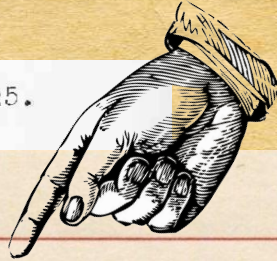
LEAGUE\_0 ? MATXOIS Geneva, June 27th, 1985 0\_Th v  
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# The Process

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1. Recalibrate the spacing between the text.

# The Process

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1. Recalibrate the spacing between the text.
2. Process the text with an annealing algorithm.

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# The Process

1. Recalibrate the spacing between the text.
2. Process the text with an annealing algorithm.
3. Extract Metadata.

Annealing Algorithm

'on the following'



Annealing Algorithm

'on the following'



Annealing Algorithm

'on the following'



Annealing Algorithm

'on the following'



Annealing Algorithm

'on the following'



Annealing Algorithm

'on the following'



# How did we do?

## Before:

This Convention sets out fully the limits of the zone of the land and defines the territorial waters as extending for three nautical miles from the low water mark: . 51 in land engages not to fortify! Islands or set up or maintain any base for warlike operations. Provisions are inserted limiting the number and size of the warships of ' ,



# How did we do?

## Before:




This Convention sets out fully the limits of the zone of the land and defines the territorial waters as extending for three nine miles from the low water mark: . 51 inland engages not to fortify! Islands or set up or maintain any base for or warlike operations. Pro-sion are inserted limiting the number and size of the warships of',

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# Extract Metadata

 **TRAFFIC IN OPIUM. Operations of a Syndicate for importing opium and narcotics.**    
C.381.IL125.1925 LEAGTIE\_07 MATXOIS Geneva, June 27th, 1985 0\_Thv: TTJ  
.1 Operations of a Syndicate for importing opium  
**Publication Date** 1 Jan, 1925  
**Language:** ENG  
**Score:** 100 - biblio-archive.unog.ch/...cilMSD/C-381-M-125-1925\_EN.pdf




January, 1st

 **TRAFIC DE L'OPIUM ET AUTRES DROGUES NUISIBLES. RAPPORTS ANNUELS DES GOUVERNEMENTS POUR 1937. ESTONIE.**    
[Communique au Conseil et aux Membres de la Societe.] C. ~ 32. 111. 84. 1939- XL [O.C. / A. R. 1937/1 22. ] (N'existe qu'en français.) Geneva, le 28 avril 1939. SOCIETE DES NATIONS  
**Publication Date** 1 Jan, 1939  
**Language:** FRE  
**Score:** 100 - biblio-archive.unog.ch/...ilMSD/C-132-M-84-1939-XL\_FR.pdf




January, 1st

 **APPEAL BY THE CHINESE GOVERNMENT UNDER ARTICLE 11 OF THE COVENANT. Communication from the Japanese Delegation.**    
LEAGUE OF NATIONS. Communicated to the ~ C>831. M.41 S. 1931. VII. Council and Members of the League of Nations. Geneva, November 1  
**Publication Date** 1 Jan, 1931  
**Language:** ENG  
**Score:** 100 - biblio-archive.unog.ch/...SD/C-831-M-412-1931-VII\_EN.pdf

January, 1st

 **TRAFIC DE L' OPIUM ET AUTRES DROGUES NUISIBLES. NOTES ECHANGEES A TOKIO LE 30 MARS 1936 ENTRE L'AMBASSADEUR DE GRANDE-BRETAGNE ET LE MINISTRE DES AFFAIRES ETRANGERES DU JAPON, RELATIVEMENT A UN ACCORD ADMINISTRATIF CONCLU ENTRE LES GOUVERNEMENTS DU ROYAUME-UNI ET DU JAPON POUR ETABLIR UNE COLLABORATION EN VUE DE RECUEILLIR ET DE TRANSMETTRE TOUS RENSEIGNEMENTS PROPRES A AMENER LA DECOUVERTE ET L' ARRESTATION DE PERSONNES SE LIVRANT AU TRAFIC ILLICITE DES DROGUES NUISIBLES ET LA SAISIE DE CES DROGUES.**    
SOCIETE DES NATIONS. Communiqué au Conseil 0, 5 2 4. 1 1 1. 5 5 5. 1 9 5 6. XI. et aux Membres de la Société, Genève, le 27 novembre 1 9 5 6, TRAFIC DE L' OPIUM ET AUTRES DROGUES  
**Publication Date** 1 Jan, 1936  
**Language:** FRE  
**Score:** 100 - biblio-archive.unog.ch/...MSD/C-524-M-335-1936-XI\_FR.pdf

January, 1st

 **PRELIMINARY CONFERENCE WITH A VIEW TO CONCERTED ECONOMIC ACTION. Report to the Council by Count MOLTKE, President of the Conference.**    
LEAGUE OF NATIONS. PRELIMINARY C.234.1930.II. Geneva, April 30th, 1930, NFEREITCE WITH A VIEW TO CONCERTED ECONOMIC ACTION. c\c the Council "by Count MOLTKE, President of the  
**Publication Date** 1 Jan, 1930  
**Language:** ENG  
**Score:** 100 - biblio-archive.unog.ch/...unolDocs/C-234-1930-II\_EN.pdf

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# Find the date

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Geneva, June 27th, 1925.

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Operations of a Syndicate for importing opium and narcotics

Note by the Secretary-General



# Find the date

Geneva, June 27th, 1925.

## TRAFFIC IN OPIUM

Operations of a Syndicate for importing opium and narcotics

Note by the Secretary-General

CONFIDENTIAL



# Find the date

Geneva, June 27th, 1925.



## TRAFFIC IN OPIUM

Operations of a Syndicate for importing opium and narcotics

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# Find the date

Geneva, June 27th, 1925.



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Operations of a Syndicate for importing opium and narcotics

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# Find the date

(Geneva, June 27th, 1925.)



1. Find the easy ones
2. Build a model
3. K Nearest Neighbors



**0 → 8,915 dates**

**0% → 74% dates**



**Motivation**



Iraq 2015



Timbuktu 2013



Sarajevo 1992



Abkhazia 1992





**Thank you!**

**John Keating**

**Auto-Archive:**

<https://github.com/John-Keating/auto-archive>

**LinkedIn:**

<https://www.linkedin.com/in/johngkeating>