

Linked Open Data Approach to Study the Assembly Minutes of International Organizations and Their Underlying Prosopography in the Real World Context

Eero Hyvönen, Petri Leskinen, Alexandre Lionnet, Pierre-Étienne Bourneuf, Blandine Blukacz-Louisfert, Davide Rodogno, Grégoire Mallard, and Florian Cafiero

Geneva Graduate Institute, **Switzerland**
Aalto University and University of Helsinki, **Finland**
École nationale des chartes and LRE, EPITA, **France**
United Nations Library & Archives, **Switzerland**

DH 2026 Conference, Long Papers, Daejeon, South Korea, July 29, 2026

Overview

- Project: Minutes of Multilateralism
- Source Data & Preprocessing
- Creating Linked Open Data
 - Named Entity Linking
 - Linked Data Transformation and Enrichment
- Online Portal Demo
- Future Work

Project: Minutes of Multilateralism

Kayson Burnside
Preston Dwight Coburn
E. P. Ladd
E. T. Meredith
Clarence Poe
P. H. Rolfe
H. L. Russell
H. E. Stockbridge
H. P. Taylor
O'Way Wilson



Victory Democracy Peace

Make them secure by a

LEAGUE OF NATIONS

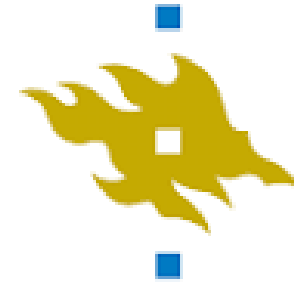
Christmas this year dawns on a world groping from war toward peace. The world hopes and prays that peace may

Defining Minutes and Multilateralism

- **Minutes** = Official written records that summarize what happened during a meeting. They outline the agenda, track attendees, and highlight decisions. Once approved, minutes serve as an accountable, and often legally binding, point of reference.
- **Multilateralism** = The practice of multiple countries working together to address shared challenges, coordinate national policies, and achieve common goals.



Aalto University
School of Science



UNIVERSITY OF HELSINKI



United Nations

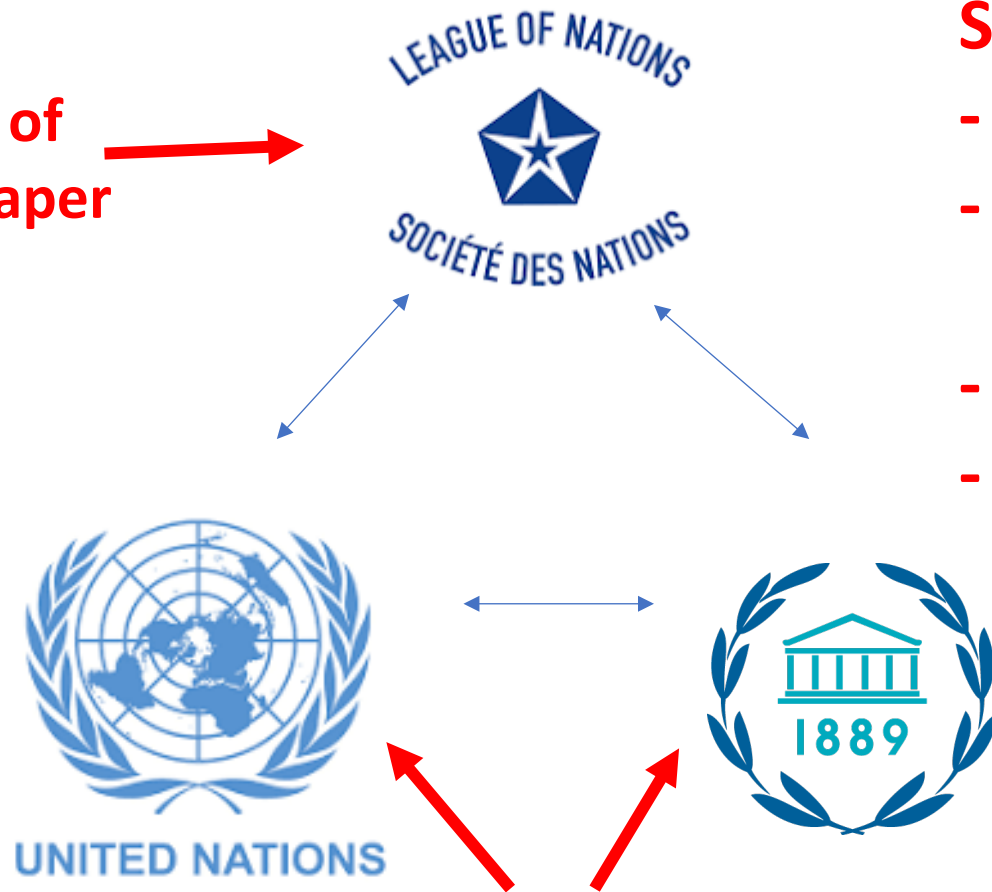


Project Aims

- **Make minutes, discussion, and decision making in international organizations transparent for**
 - Representatives and nations involved
 - Media
 - Digital Humanities research
 - Public
- Special focus on Geneva-based organizations

Big Picture: Cloud of Organizations! Minutes of Multilateralism Initiative

Focus of
this paper



Shared Infrastructure Needed:

- Data models
- KOS: People, organizations, occupations, roles, places
- Data & ontology services
- User interface tools

Inter-Parliamentary Union
For democracy. For everyone.

Work in Progress

Making a **Paradigm Change**

- Publish documents for human readers -> data for machines, too
 - Aggregate, link, and enrich assembly minutes as data
- **Using FAIR Linked Open Data**
 - For application development
 - For DH research
- **Demonstrate why this is useful by a LOD service and portal applications, such as *League of Nations Sampo***



Process: Data -> Application

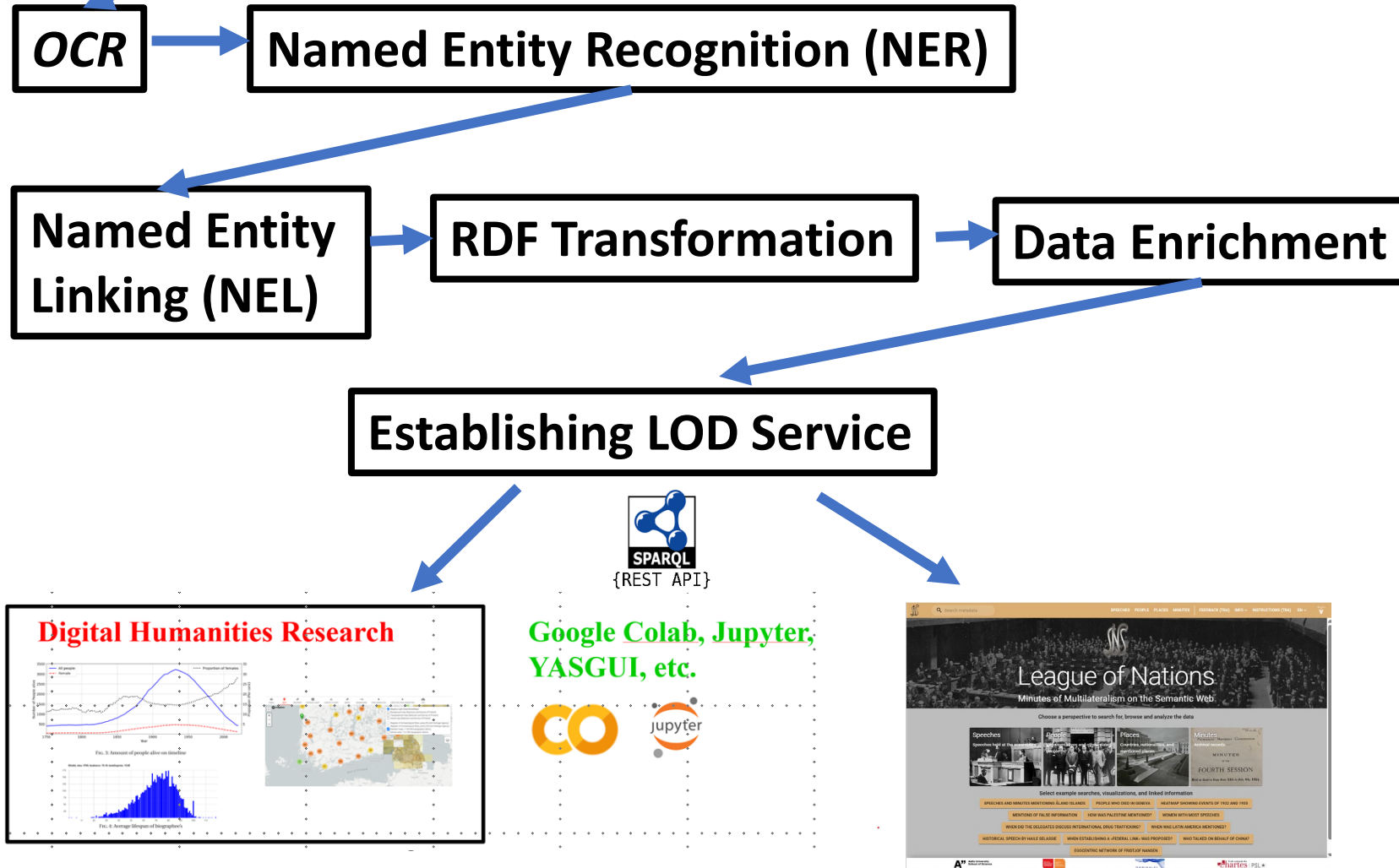
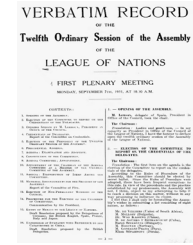
Source data

Pre-processing

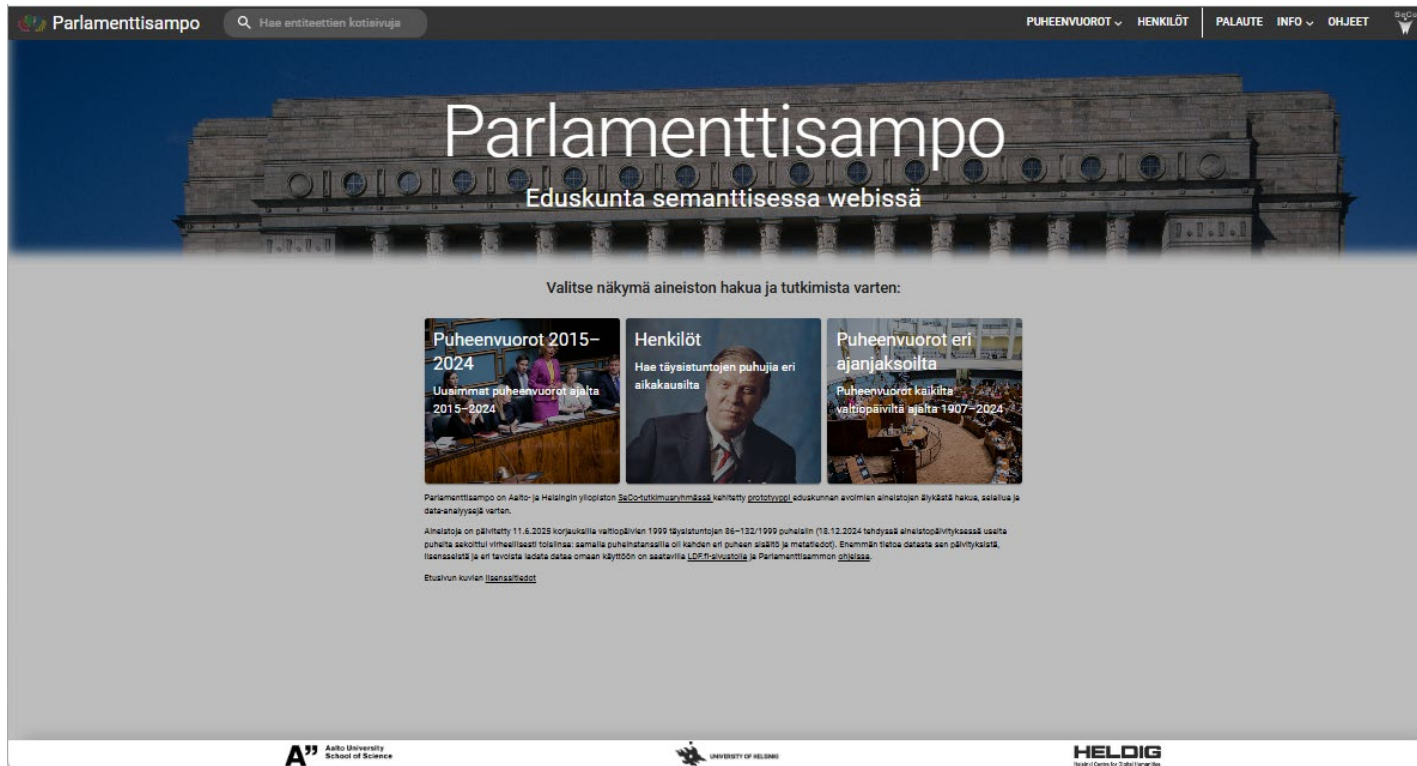
Data Linking

Data Service

Research & Applications



Reusing the “Sampo Model”: ParliamentSampo – Parliament of Finland on the Semantic Web: <https://parlamenttisampo.fi>



Eero Hyvönen, Laura Sinikallio, Petri Leskinen, Senka Drobac, Rafael Leal, Matti La Mela, Jouni Tuominen, Henna Poikkimäki and Heikki Rantala: [Publishing and Using Parliamentary Linked Data on the Semantic Web: ParliamentSampo System for Parliament of Finland](#). *Semantic Web*, vol. 16, no. 1, 2025. DOI: 10.3233/SW-243683.

“Sampo Series” of LOD Services & Portals



A. Gallen-Kallela: The Defense of the Sampo, 1896, Turku Art Museum

1. **MuseumFinland** – Finnish Museums on the Semantic Web (2004) [39 000 users]
2. **CultureSampo** – Finnish Culture on the Semantic Web (2008) [107 000 users]
3. **TravelSampo** - Mobile Contextualized Services of Cultural Tourism (2011)
4. **BookSampo** – Finnish Fiction Literature on the Semantic Web (2011) [1.6 million annual users]
5. **WW1LOD** – World War I Linked Open Data (2014)
6. **WarSampo** – Finnish World War 2 on the Semantic Web (2015-19) [1 200 000 users]
7. **Norssi Alumni on the Semantic Web** – Historical person registry using LOD (2017)
8. **U.S. Congress Prosopographer** – U.S. Congress Legislators 1789-2018
9. **BiographySampo** - Finnish Biographies on the Semantic Web (2018-20) [381 000 users]
10. **NameSampo** – Linked Data Workbench for Toponomastic Research (2019) [55 000 users]
11. **WarVictimSampo 1914-1922** – National War History [80 000 users]
12. **Mapping Manuscript Migrations (MMM)** – medieval manuscripts (2020) [9100 users]
13. **AcademySampo** – Finnish Academic People 1640 – 1899 (2021) [26 000 users]
14. **FindSampo** – Archaeological Finds on the Semantic Web (2021) [7 000 users]
15. **WarMemoirSampo** – Memoirs of Finnish WW2 veterans (2021) [4 400 users]
16. **LetterSampo** – Early Modern Letters on the Semantic Web (2022)
17. **ParliamentSampo** – Parliament of Finland on the Semantic Web (2023)
18. **LawSampo** – Finnish Legislation and Case Law on the Semantic Web (2023)
19. **BookSampo II** – Semantic Search, Browsing, and Data-analyses (2023)
20. **OperaSampo** – Opera and music theater performances in Finland 1830-1960 (2023)
21. **ConfermentSampo** – Conferment Ceremonies of the University of Helsinki 1640-1899 (2023)
22. **CoinSampo** – Finnish Numismatic Public Finds 2013 – 2023 (2024)
23. **LetterSampo Finland** – Finnish 19th-century Letters on the Semantic Web (2025)
24. **SampoSampo** – Connecting Everything to Everything Else (2026)
25. **League of Nations (1920-1946) Sampo (2026)**
26. Under constructions: **ArtSampo**, **NomismaSampo**, **PASampo**, ...



Re-use

Sampo = Mythical artifact of the Finnish Epic Kalevala that gives to its owner riches and good fortune. A metaphor of amazing ancient technology. Eero Hyvönen: [Digital Humanities on the Semantic Web: Sampo Model and Portal Series](#). *Semantic Web*, 14(4), 729-744, 2023.

CHURCH

Lyman Abbott
 Nathaniel Baynes
 Channing B. Brewster
 Arthur J. Brown
 Edward Cummings
 Thomas P. Gailer
 J. Cardinal Gibbons
 Charles E. Johnson
 William Lawrence
 Frederick Lynch
 Francis J. McConnell
 William T. Manning
 Shadrach Matthews
 Frank Mason North
 William T. Russell
 Charles D. Williams
 Luther B. Wilson
 Stephen A. Wilson

LABOR

James Duncan
John P. Frey
Samuel Carpenter
Warren S. Smith
John A. Voll
Frank P. Walsh

[illegible]

So

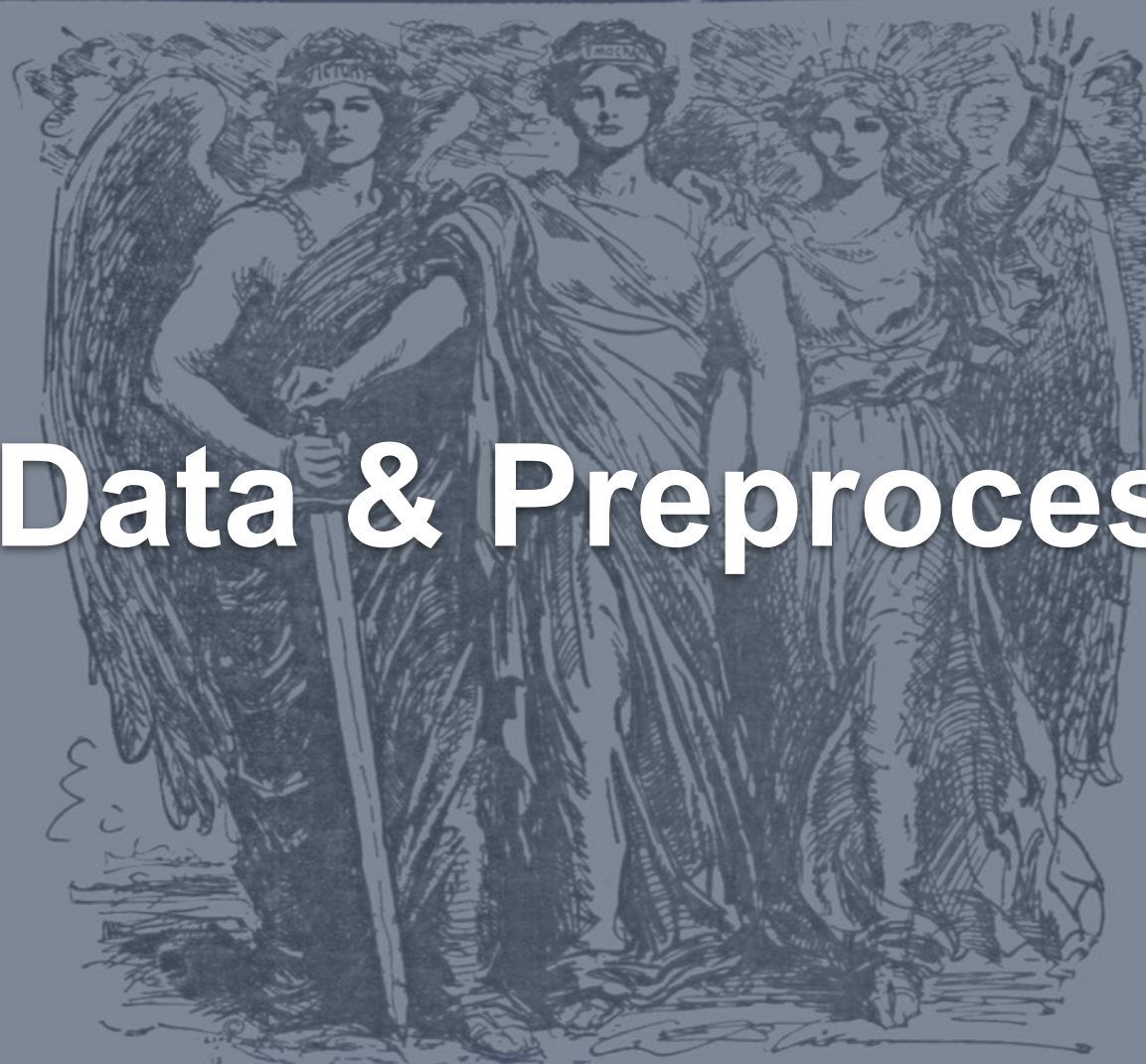
Philip W. Gadsden
John Hay, Hammond
William T. Kemper
Charles D. Kimball
Sam A. Lewisohn
Vance C. McCormick
James J. McGraw
LaVerne W. Hayes
R. Goodwin Shontz
Charles H. Schwab
Finley J. Chappard
Harry A. Whittier
Paul White
William K. Williams

EDUCATORS

Mario L. Burton
 John Bates Clark
 Henry S. Driskler
 Irving Planner
 Harry A. Gurfeld
 Henry C. King
 Henry Melis MacCracken
 Samuel B. McCormick
 John H. T. Main
 Cyrus Northrop
 Leo E. Rowe
 Henry Sandoz
 M. Carey Thomas
 Mary E. Woolley

EDITORS, PUBLISHERS,
WRITERS

Felix August
Joseph Blithem
Edward B. B.
George Brook
John Stewart Bryan
Arthur Capper
Whitcomb (Shorehall)
Calvin Cook
W. H. Coates
M. H. de Young
Harrison D. Hiley O'Brien
Hamilton Hoyt
John C. Kelly
George Horace Lortme
Frank P. MacLennan
Robert Lincoln O'Brien
Victor Rosewater
Ellery Sedgwick
John C. Swisher
Scott Taylor
William Allen White
Conant York



Victory Democracy Peace

Make them secure by a

GOVERNORS

Brown Banhamge, Utah
M. Livingston Beekman, R. L.
Thomas B. Berry, N. C.
Charles B. Boyle, N. Y.
Charles M. Brough, Ark.
Arthur G. Brunsbach, S. D.
John C. Burnside, Minn.
J. C. Catta, Fla.
John J. Corwood, W. Va.
M. C. Cost, O.
Hugh M. Dineen, O.
Walter R. Edge, N. C.
W. E. Edwards, D.
Frederick D. Gardner, Ma.
Julius C. Guntter, Colo.
H. C. Harlan, N. Y.
Emerson C. Harrington, Md.
Charles Henderson, Ala.
H. H. Hildner, N. Y.
George W. H. Hunt, Ark.
Henry W. Krys, N. Y.
Lester L. Lamm, W. Va.
Samuel W. McCall, Mass.
Richard J. Manning, S. C.
J. C. May, N. Y.
Roy Neville, Neb.
Ruffin G. Pleasant, La.
J. C. Rogers, Ark.
A. O. Stanley, Ky.
William D. Stephens, Calif.
Charles E. Stewart, Mass.
John G. Townsend, Jr., Del.
Charles A. Whitman, M. Y.
R. L. White, Okla.
W. H. Withers, Tex.

DIPLOMATE

Lars Anderson
James W. Garard
Myron T. Harrick
Theodora Marburg
Oscar S. Straus
Henry van Dyke

BENCH AND BAR

Alfred W. Agnes
 C. B. Ames
 Edgar A. Bancroft
 Hugh Brown
 Martin Brown
 A. A. Bruce
 Joseph M. Curry
 Jacob M. Dickinson
 C. W. Dutton
 Nell R. Field
 Walter L. Fisher
 Robert J. Gumbel
 George Gray
 H. M. Hambley
 Will H. Hay
 Job E. Hodgson
 Charles E. Hughes
 Frank R. Johnson
 Martin A. Knapp
 LeRoy Percy
 John M. Bates
 Henry St. George Tucker
 J. W. Van Hook
 S. Harrison White
 Thomas Hastings White
 Andrew Wilcox
 John W. Williams
 John M. Worland

WOMEN LEADERS

WOMEN LEADERS
Miss Mahel T. Boardman
Miss Mary A. Durban
Mrs. J. Malcolm Forbes
Mrs. Philip North Moore
Mrs. Thomas J. Preston, Jr.
Dr. Anne Howard Shaw

AGRICULTURE

Kempson, Burnside
Foster, Dwight Coburn
E. P. Ladd
H. T. Meredith
Charles Post
P. H. Rolfe
H. L. Russell
H. E. Stockbridge
H. P. Taylor
Oliver Wilson

LEAGUE OF NATIONS

Christmas this year dawns on a world groping from war toward peace. The world hopes and prays that peace may

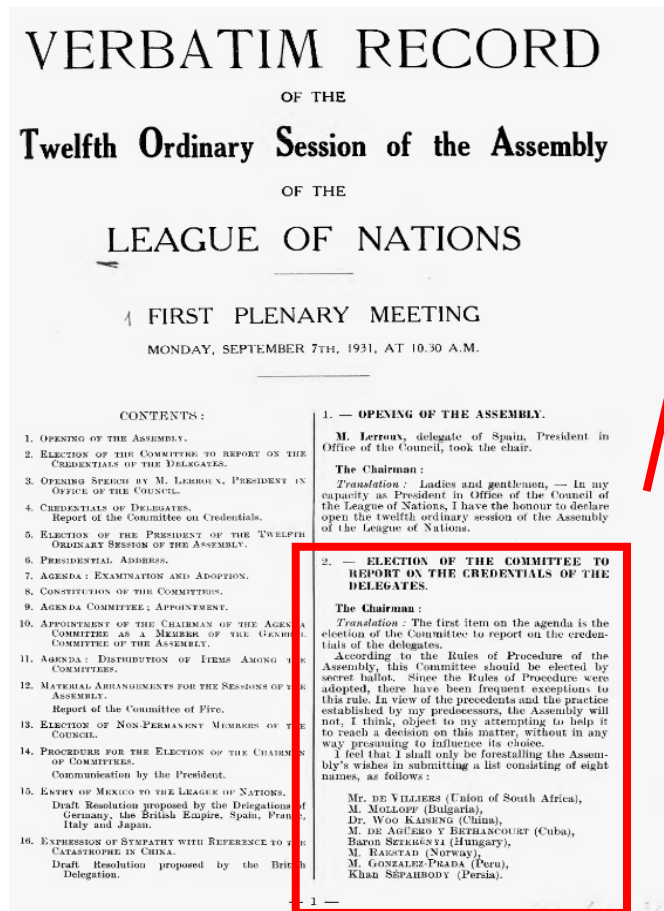
Source Data: Case League of Nations

Provided by the **United Nations Library & Archives, Geneva**

- OCR'd raw text
 - containing 27,000 pages of minutes 1921-1946
 - French, English, or mixed
 - Pero-OCR tool used
- NER output
 - people, organizations, locations, times and miscellaneous mentions tagged in the minutes
 - GLiNER tool used

Enriched by data from **LONSEA project**, **METAGRID.ch**, and **Wikidata.org**

OCR input->output



2. — ELECTION OF THE COMMITTEE TO REPORT ON THE CREDENTIALS OF THE DELEGATES.

The Chairman :

Translation : The first item on the agenda is the election of the Committee to report on the credentials of the delegates.

According to the Rules of Procedure of the Assembly, this Committee should be elected by secret ballot. Since the Rules of Procedure were adopted, there have been frequent exceptions to this rule. In view of the precedents and the practice established by my predecessors, the Assembly will not, I think, object to my attempting to help it to reach a decision on this matter, without in any way presuming to influence its choice.

I feel that I shall only be forestalling the Assembly's wishes in submitting a list consisting of eight names, as follows :

Mr. DE VILLIERS (Union of South Africa),
M. MOLLOFF (Bulgaria),
Dr. Woo KAISENG (China),
M. DE AGÜERO Y BETHANCOURT (Cuba),
Baron SZTERÉNYI (Hungary),
M. RAESTAD (Norway),
M. GONZALEZ-PRADA (Peru),
Khan SÉPAHBODY (Persia).

2. — ELECTION OF THE COMMITTEE TO REPORT ON THE CREDENTIALS OF THE DELEGATES. The Chairman : Translation : The first item on the agenda is the election of the Committee to report on the credentials of the delegates. According to the Rules of Procedure of the Assembly, this Committee should be elected by secret ballot. Since the Rules of Procedure were adopted, there have been frequent exceptions to this rule. In view of the precedents and the practice established by my predecessors, the Assembly will not, I think, object to my attempting to help it to reach a decision on this matter, without in any way presuming to influence its choice. I feel that I shall only be forestalling the Assembly's wishes in submitting a list consisting of eight names, as follows : Mr. DE VILLIERS (Union of South Africa), M. MOLLOFF (Bulgaria), Dr. WoO KAISENG (China), M. DE AGUERO Y BETHANCOURT (Cuba), Baron SZTERÉNYI (Hungary), M. RAESTAD (Norway), M. GONZALEZ-PRADA (Peru), Khan SÉPAHBODY (Persia).

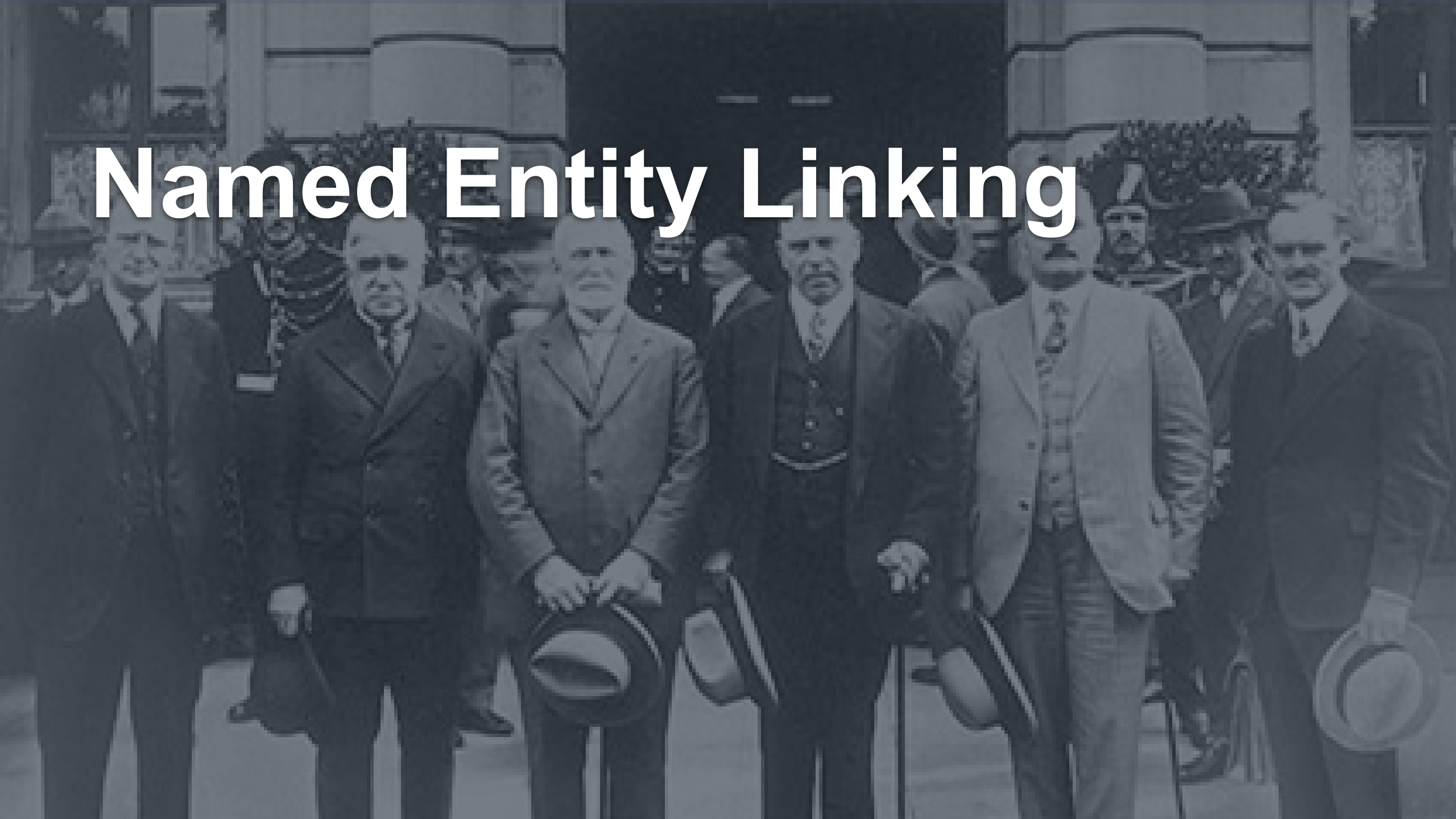
NER output: typed mentions with their positions

```
<?xml version='1.0' encoding='utf-8'?>
<documents>
  <document id="A-PLENARY-MINUTES-1927_EN_p1006_reduced.xml">
    <text_en>
      <entity type="Organization" start="91" end="110">Health Organisation</entity>
      <entity type="Organization" start="127" end="138">Governments</entity>
      <entity type="Organization" start="268" end="287">Health Organisation</entity>
      <entity type="Location" start="325" end="332">Corsica</entity>
      <entity type="Date" start="1154" end="1163">last year</entity>
      <entity type="Person" start="2064" end="2073">President</entity>
      <entity type="Person" start="2075" end="2091">M. Hugo Valvanne</entity>
      <entity type="Organization" start="355" end="372">French Government</entity>
      <entity type="Organization" start="396" end="418">Government of Bulgaria</entity>
      <entity type="Organization" start="482" end="502">Government of Persia</entity>
      <entity type="Miscellaneous" start="631" end="634">War</entity>
    </text_en>
    <text_fr>
      <entity type="Date" start="23" end="37">2 OCTOBRE 1930</entity>
      <entity type="Date" start="76" end="90">...
    ...
  </text_fr>
```


NER output: what does it mean?

- Entity type Person e.g. contains different kind of mentions:
 - Named individuals: “M. Andreas Oldenburg” , “général Nemours”
 - References to external individuals: “Dante Alighieri”, “Homer”
 - Individuals mentioned by title “Danish representative”, “Secrétaire général”
 - Anonymous groups: “technical officers”, “geniuses”, “women”

Named Entity Linking



Named Entity Linking

NEL for People

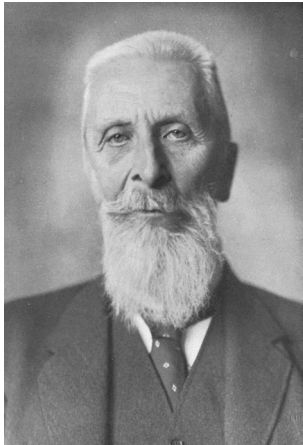
- References linked to person ontology based on
 - Names
 - Time of speech
 - Other references, e.g. countries, locations, or occupations mentioned in the same sentence or speech
- [SPLink](#) for probabilistic data linkage

Variations in person names: a challenge



[Clotilde Apponyi de Nagy-Aponyi](#) (1867–1942)

- Countess Apponyi
- La comtesse Apponyi
- Mme la comtesse Apponyi
- Countess [Albert](#) Apponyi



[Albert György Gyula Mária Apponyi](#) (1846–1933)

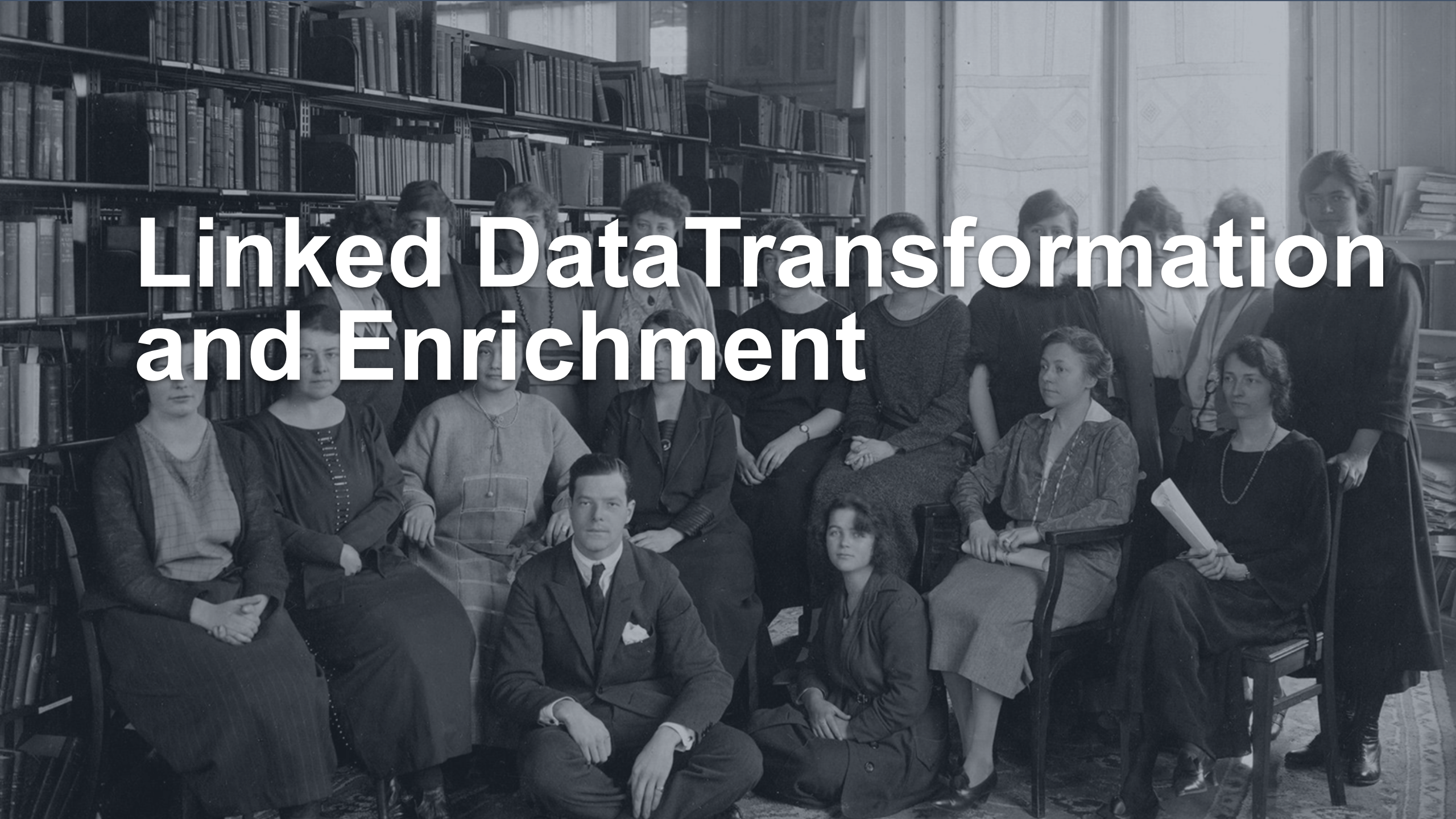
- Comte Apponyi
- His Excellency Count Albert Apponyi
- Le comte Albert Apponyi
- Count Apponvi

Named Entities

- Places
 - Wikidata, LONSEA
- Organizations and Miscellaneous
 - by string similarities
 - *PolyFuzz*
 - French ↔ English: deep-translator/ GoogleTranslator

Named Entity Links on the Web Portal

Plenary minutes 1921/17 (fr)	1921	POLOGNE Son Excellence M. le professeur Simon Askenazy, M. Casimir Olszowski (directeur au Ministère des Affaires étrangères), M. Jean de Modzelewski (ministre plénipotentiaire à Berne). Conseiller technique: M. l'amiral Zwierkowski, M. Sokal. Secrétaires: M. J. Perlowski (conseiller de légation), M. M. Arciszewski, M. T. Gwiazdowski. PORTUGAL Son Excellence M. João de Mello Barreto (ministre des Affaires étrangères). Son Excellence M. Freire d'Andrade (ancien ministre des Affaires étrangères) Son Excellence M. Antonio Maria Bartholomeu Ferreira (ministre à Berne). Secrétaires: M. Jose de Moraes Carvatho Guimaraes, M. Henrique R. Dias de Oliveira (attaché à la légation de Portugal à Berne). M. Antonio Gomes d'Almendra (attaché de légation). ROUMANIE Son Excellence M. N. Titulesco (ministre des Finances). M. le Professeur Thomas Jonnesco (député, recteur de l'Université de Bucarest). M. le Professeur Démètre Negulesco (ancien député, professeur à la Faculté de droit de Bucarest). Conseiller technique: M. Dimitrie Ianco Vici (docteur en droit). Secrétaires: M. Philippe Lahovary (secrétaire général). Mlle Hélène Vacaresco (nommée déléguée suppléante le 22 septembre 1921). M. Ciotori. ÉTAT SERBE-CROATE-SLOVÈNE Son Excellence M. le Dr Miroslaw Spalaikovitch (député, ancien ministre des Affaires étrangères). Son Excellence M. le Dr Miloutine Yovanovitch (ministre plénipotentiaire à Berne). M. le professeur Miléta Novakovitch (professeur à l'Université de Belgrade). Conseiller technique : M. Ranslav Avramovitch (ingénieur en chef du Ministère des Communications). Secrétaire: M. Douchan Stépanovitch (secrétaire de légation). SIAM Son Altesse prince Charoon (ministre à Paris, représentant à la Société des Nations). Son Excellence Phya Bidadh Kosha (ministre à Rome, Madrid et Lisbonne).
Plenary minutes 1921/18 (en)	1921	SIAM (continued) Substitutes and Secretaries : M. Chune Charavastra (Secretary to the Germano-Siamese Mixed Arbitral Tribunal). M. T. L. Hoontrakool (Third Secretary to the Legation in Paris). Attaché: M. K. Vathanaprida (Attaché to the Legation in Paris). Secretaries : Mlle S. Bibadh Kosha, Mlle C. Bibadh Kosha, Mlle J. Bibadh Kosha. SWEDEN His Excellency M. Hjalmar Branting (Member of the Chamber of Deputies, former Prime Minister). M. Trygger (Senator, former Judge of the Supreme Court). M. Loefgren (former Minister). Substitutes: Baron F. Ramel (Minister in Christiania). Madame Anna Bugge-Wicksell (Master of Law). Professor Oesten Uden (former Minister of Justice, Professor at the University of Upsal). Secretaries : Baron Hamilton (First Secretary of Legation). M. E. Boheman (Secretary of Legation). SWITZERLAND His Excellency M. Giuseppe Motta (Federal Counsellor, Head of the Federal Political Department). His Excellency M. Gustave Ador (former Federal Counsellor, President of the International Red Cross Committee). M. Paul Usteri (Member of the Council of States). Secretaries: Dr. Ruegger (Secretary of Legation). M. Daniel Secrétan (Attaché to the Federal Political Department). CZECHO-SLOVAKIA Dr. Edouard Benes (Minister of Foreign Affairs). Dr. Cyrill Dusek (Minister of Czecho-Slovakia in Berne). Dr. Stefan Osusky (Minister of Czecho-Slovakia in Paris). Substitutes: Dr. Robert Flieder (Chargé d'Affaires in Vienna). M. Pavel Baráček-Jacquier (Counsellor of Legation). Dr. Jan Reisser (Counsellor of Legation). First Secretary: M. Frantisek Xaver Satora (Attaché of Legation). Assistant Secretaries : Dr. Arnost Heidrich (Secretary of Legation). M. Alois Babka (Vice-Consul to the Ministry of Foreign Affairs). Dr. Jan Simák (Secretary of Legation).
Plenary minutes 1921/18 (fr)	1921	SIAM (suite) Suppléants et Secrétaires: M. Chune Charavastra (secrétaire du Tribunal mixte germano-siamois). M. T. L. Hoontrakool (troisième secrétaire à la légation de Siam à Paris). Attaché: M. K. Vathanaprida (attaché à la légation de Siam à Paris). Secrétaires: Mlle S. Bibadh Kosha, Mlle C. Bibadh Kosha, Mlle J. Bibadh Kosha. SUÈDE Son Excellence M. Hjalmar Branting (député, ancien président du Conseil des ministres). M. Trygger (sénateur, ancien juge à la Cour suprême). M. Loefgren (ancien ministre). Suppléants: Le baron F. Ramel (ministre à Christiania). Mme Anna Bugge-Wicksell (licenciée en droit). M. le Professeur Oesten Uden (ancien ministre de la Justice, professeur à l'Université d'Upsal). Secrétaires : M. le baron Hamilton (premier secrétaire de légation). M. E. Boheman (secrétaire de légation). SUISSE Son Excellence M. Giuseppe Motta (conseiller fédéral, chef du Département politique fédéral). Son Excellence M. Gustave Ador (ancien conseiller fédéral, président du Comité international de la Croix-Rouge). M. Paul Usteri (conseiller aux Etats). Secrétaires: M. le Dr Ruegger (secrétaire de légation). M. Daniel Secrétan (attaché au Département politique fédéral). TCHÉCO-SLOVAQUIE M. le Dr Edouard Benes (ministre des Affaires étrangères). M. le Dr Cyrill Dusek (ministre de Tchéco-Slovaquie à Berne). M. le Dr Stefan Osusky (ministre de Tchéco-Slovaquie à Paris). Suppléants: M. le Dr Robert Flieder (chargé d'Affaires à Vienne). M. Pavel Baráček-Jacquier (conseiller de légation). M. le Dr Jan Reisser (conseiller de légation). Premier secrétaire: M. Frantisek Xaver Satora (attaché de légation). Secrétaires adjoints: M. le Dr Arnost Heidrich (secrétaire de légation). M. Alois Babka (vice-consul au ministère des Affaires étrangères). M. le Dr Jan Simák (secrétaire de légation).



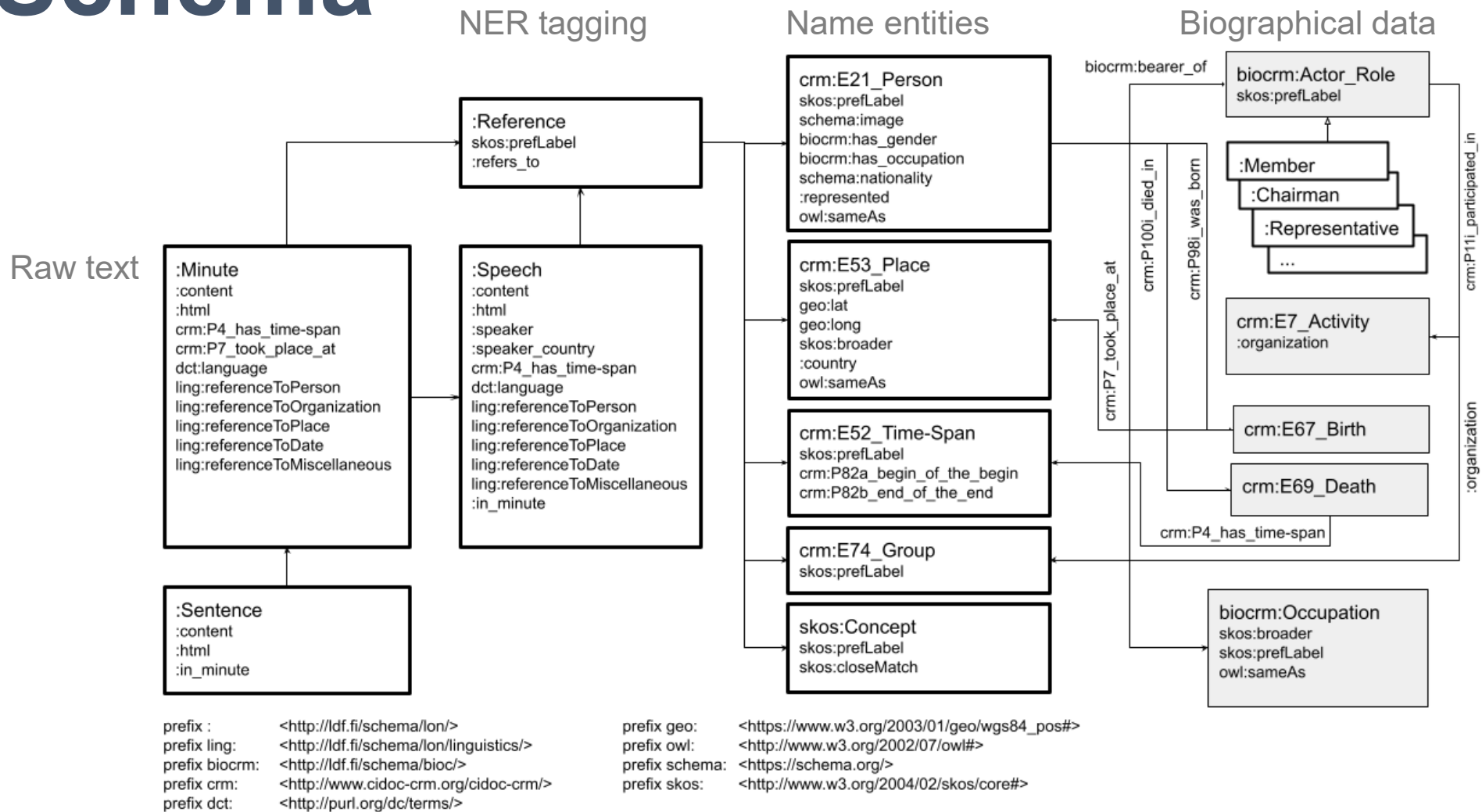
Linked Data Transformation and Enrichment

Data Schema

Linked Open Data using RDF

- Based on Cidoc CRM and its extension Bio CRM
- Earlier work on Finnish [ParliamentSampo](#)
- RDF resources used for representing speech data
 - minutes, speeches, sentences, and reference links
 - people, organizations, places, times, and concepts

Data Schema



Data Transformation

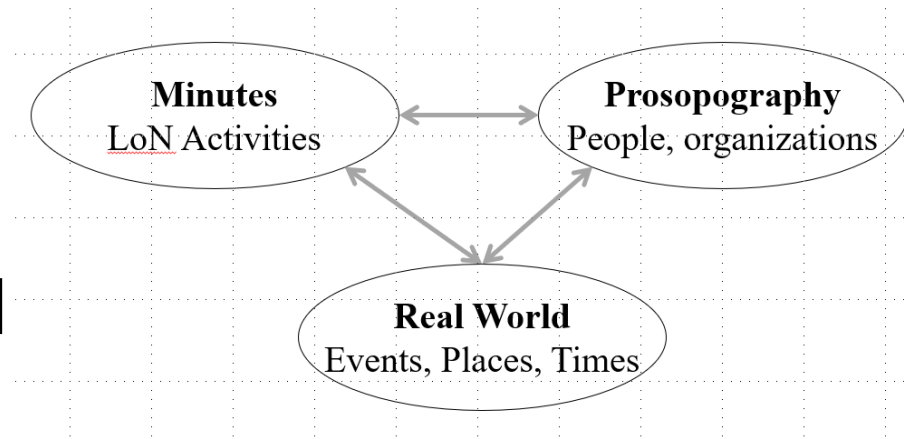
Three Knowledge Graphs (KG) created

1. Speech KG based on minutes

2. Biographical KG is based on data available at

- League of Nations search engine [LONSEA](#)
- Wikidata
 - *Enriched with lifetime, places of living, occupations, images*
- External links available at metagrid.ch
 - *DODIS, GND, VIAF*

3. KG about the real world



LONSEA



Search

Browse

Organisations

People

Places

Topics

Connections

Bibliography

About / Contact

Crawler-Sitemap



Aristide Briand

♂ * 28/3/1862 † 7/3/1932

Roles in Organisations

- **Pan-European Union** : Honorary President (President) (1929-1936)

Delegate

Representative of **France**

- **LoN General Assembly: Eighth Ordinary Session of the Assembly** : League of Nations General Assembly Delegate (Representative)
- **LoN General Assembly: Eleventh Ordinary Session of the Assembly** : League of Nations General Assembly Delegate (Representative)
- **LoN General Assembly: Fifth Ordinary Session of the Assembly** : League of Nations General Assembly Delegate (Representative)
- **LoN General Assembly: Ninth Ordinary Session of Assembly** : League of Nations General Assembly Delegate (Representative)
- **LoN General Assembly: Seventh Ordinary Session of the Assembly** : League of Nations General Assembly Delegate (Representative)
- **LoN General Assembly: Sixth Ordinary Session of the Assembly** : League of Nations General Assembly Delegate (Representative)
- **LoN General Assembly: Special Session of the Assembly** : League of Nations General Assembly Delegate (Representative)
- **LoN General Assembly: Tenth Ordinary Session of the Assembly** : League of Nations General Assembly Delegate (Representative)
- **LoN General Assembly: Twelfth Ordinary Session of the Assembly** : League of Nations General Assembly Delegate (Representative)

Links **Metagrid.ch**:DodisGNDHelveticatHuygens

METAGRID.ch

Search in Metagrid

[Overview](#)

Aristide Briand

About 2 results

Aristide Briand Reboas

The following partners have information about the person.

[GND](#)  Aristide Briand Reboas

Aristide Briand 1862-03-28 1932-03-07

The following partners have information about the person.

[Karl Barth-Gesamtausgabe \(KBGA\)](#)  Aristide Briand *1862-03-28 †1932-03-07

[Lonsea](#)  Aristide Briand *1862-03-28 †1932-03-07

[Huygens](#)  Aristide Briand *1862-03-28 †1932-03-07

[Helveticat](#)  Aristide Briand *1862 †1932

[Dodis](#)  Aristide Briand *1862-03-28 †1932-03-07

[GND](#)  Aristide Briand *1862-03-28 †1932-03-07

[SWA](#)  Aristide Briand *1862 †1932

Wikidata

Aristide Briand (Q179888)

Item [Discussion](#) [Read](#) [View history](#)

politician, statesman, and Nobel Peace Prize laureate from France (1862-1932) [edit](#)

Aristide Pierre Henri Briand

[In more languages](#)

[Configure](#)

Language	Label	Description	Also known as
default for all languages	Aristide Briand	—	
English	Aristide Briand	politician, statesman, and Nobel Peace Prize laureate from France (1862-1932)	Aristide Pierre Henri Briand
American English	Aristide Briand	politician, statesman, and Nobel Peace Prize laureate from France (1862-1932)	Aristide Pierre Henri Briand
Finnish	Aristide Briand	ranskalainen poliitikko	Aristide Briard
Swedish	Aristide Briand	fransk politiker	Briand

[All entered languages](#)

LONSEA ID

3356

[edit](#)

[0 references](#)

[add reference](#)

[add value](#)

Statements

instance of

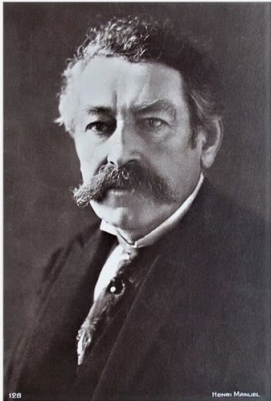
human

[3 references](#)

[edit](#)

[add value](#)

image



[Aristide Briand 2.jpg](#)
618 × 922; 107 KB

[1 reference](#)

[edit](#)

[add value](#)

Extracted 11,600 Speeches

Formatting patterns:

M. Léon BOURGEOIS (France). Translation:

The Assembly did, in fact, proceed last year in the manner described by M. Branting ; that is, the vice-presidents were nominated after the election of the chairmen of committees.

M. HYMANS (Belgium). Translation:

I think I may assert that this was what actually took place.

M. URRUTIA (Colombia). Translation:

This was the course taken last year because the Rules of Procedure did not yet exist: but the Assembly has since determined its procedure, and paragraph 2 of Rule 7 lays down that: “ The president and the six vice-presidents shall be elected at the beginning of each session.”

Data Service at Linked Data Finland LDF.fi



[Home](#)
[Project](#)
[Datasets](#)
[Search Data](#)
[Schemas](#)
[Services](#)
[Policies](#)
[Documentation](#)
[Validation](#)
[Linked Data Science](#)
[Applications](#)
[Your Data?](#)
[Linked Data School](#)

League of Nations Sampo – Minutes of Multilateralism on the Semantic Web

Linked Data Finland



This dataset includes data regarding the minutes of the League of Nations 1940–1946. The RDF and CSV data has been converted from ORC'd and NER'd source data.

The Knowledge Graph contains harmonized data of:

1. People and Organizations,
2. Minutes,
3. References,
4. Places,
5. Occupations.

The data model is designed for political speech data, including the information about the people, organizations, places, time spans, and concepts mentioned in the minutes.

To test and demonstrate its usefulness, this Knowledge Graph is in use in the semantic portal [League of Nations](#), explained in more detail in the [project page](#).

The Knowledge Graph is published on [Zenodo](#) with a version history, and it can be downloaded as RDF or CSV files.

License

[Creative Commons Attribution 4.0](#)



Online Portal Demo





Online portal based on Sampo-UI:
<https://minutes.lidf.fi>

Youtube video about using it:
<https://www.youtube.com/watch?v=vpmj-IXkFMs>



More Information

Portal:

<https://minutes.ldf.fi/>

Data service:

<https://www.ldf.fi/dataset/ion/>

Data dumps:

<https://zenodo.org/records/18867718>

Project homepage:

<https://seco.cs.aalto.fi/projects/minutes/>

Articles

Detailed technical description

Petri Leskinen, Eero Hyvönen, Alexandre Lionnet, Blandine Blukacz-Louisfert, Pierre-Etienne Bourneuf, Davide Rodogno, Grégoire Mallard, and Florian Cafiero: [**A Linked Open Data Service and Semantic Portal to Study the Assembly Minutes and Prosopography of the League of Nations \(1920–1946\)**](#). *The Semantic Web: ESWC 2026, Dubrovnik, Croatia, May 10 - 14, 2026, Proceedings*, Springer-Verlag, 2026. [bib](#) [pdf](#)

Eero Hyvönen, Petri Leskinen, Grégoire Mallard, Pierre-Etienne Bourneuf, Alexandre Lionnet, Blandine Blukacz-Louisfert, Davide Rodogno, and Florian Cafiero: [**Minutes of Multilateralism on the Semantic Web – League of Nations Sampo \(1920–1946\) Portal for Digital Humanities Research**](#). *The Semantic Web: ESWC 2026 Satellite Events, Dubrovnik, Croatia, May 10 - 14, 2026, Proceedings*, Springer-Verlag, 2026. [bib](#) [pdf](#)

Eero Hyvönen, Petri Leskinen, Alexandre Lionnet, Blandine Blukacz-Louisfert, Pierre-Etienne Bourneuf, Davide Rodogno, Grégoire Mallard, and Florian Cafiero: [**A Linked Open Data Infrastructure for Studying Historical Activities of International Organizations: First Results on the League of Nations \(1920-1946\) \(abstract\)**](#). *Proceedings of DARIAH Annual Meeting, Rome, Italy, May 26-29, 2026*. [bib](#) [pdf](#)

Future Work



Future Work in Progress

Extending the MM infrastructure of minutes from other organization:



United Nations General Assembly

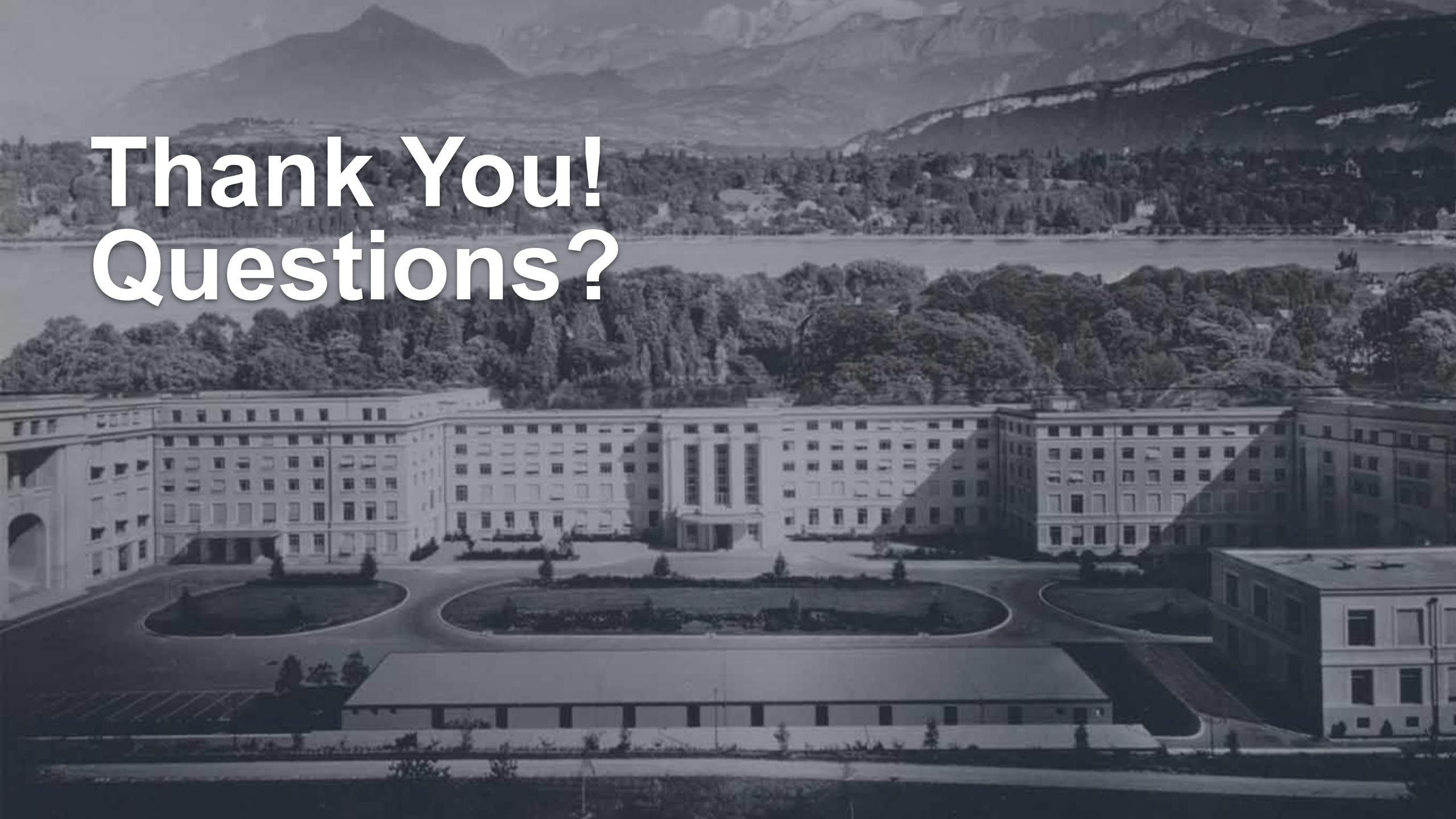
- *~8100 minutes covering the years 1946–2024*



Inter-Parliamentary Union

- *144 yearly minutes 1889–2024*

...



**Thank You!
Questions?**