TALOS ERA CHAIR IN ARTIFICIAL INTELLIGENCE FOR HUMANITIES AND SOCIAL SCIENCES







An open-source tool for text encoding

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What is *text encoding*?

Making human readable text machine readable

> AKA "markup"

Types of mark-up:

- Structural
- Presentational
- Semantic





What is *XML*?

XML = eXtensible Markup Language

- Structure and label data and metadata
- Extensible = no predefined tags

Extensible Markup	
Pros	Cons
Flexibility and freedom for users	Less interoperability/reusability

<ple><place>Crete</place></ple> <loc>Crete</loc> <placename>Crete</placename>



What is *TEI*?

Text Encoding Initiative

Humanistic standard for XML

Why?

More consistent text
encoding
Increase interoperability and
reusability

Used for literary & linguistic texts
Manuscripts, historical archives,
critical editions, anthologies,
inscriptions...





<persName
ref='https://www
.wikidata.org/wi
ki/Q164061'>

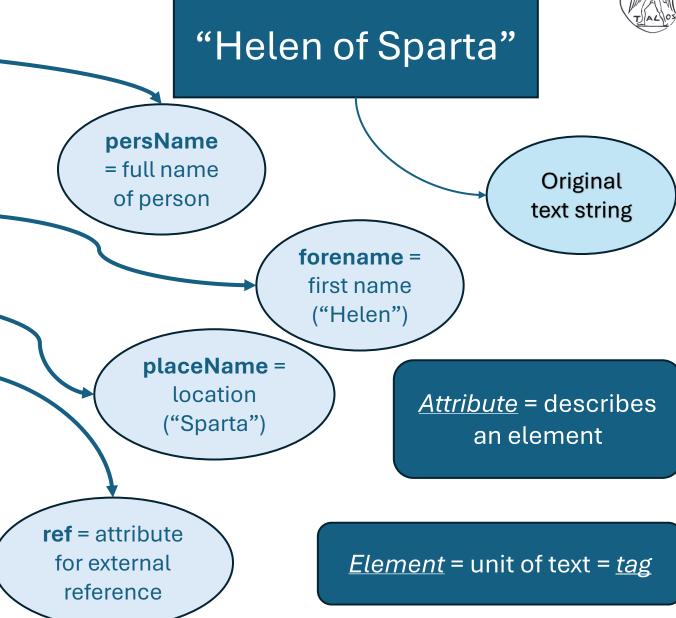
<forename>Helen
forename>of

<placeName
ref='https://www
.wikidata.org/wi
ki/Q5690'>Sparta

</placeName>

</persName>

https://tei-c.org/





LEAF-Writer

- Web-based text editor
- Free; no configuration or installation needed!
- Supports sharing and collaboration
- TEI schema support
- On-the-fly validation
- Entity tagging



https://leaf-writer.leaf-vre.org/

SIGN IN WITH



OPEN

From the cloud

(i)

- From your device
- ↑ Import document
- **Templates**
- Samples
- or paste your XML here

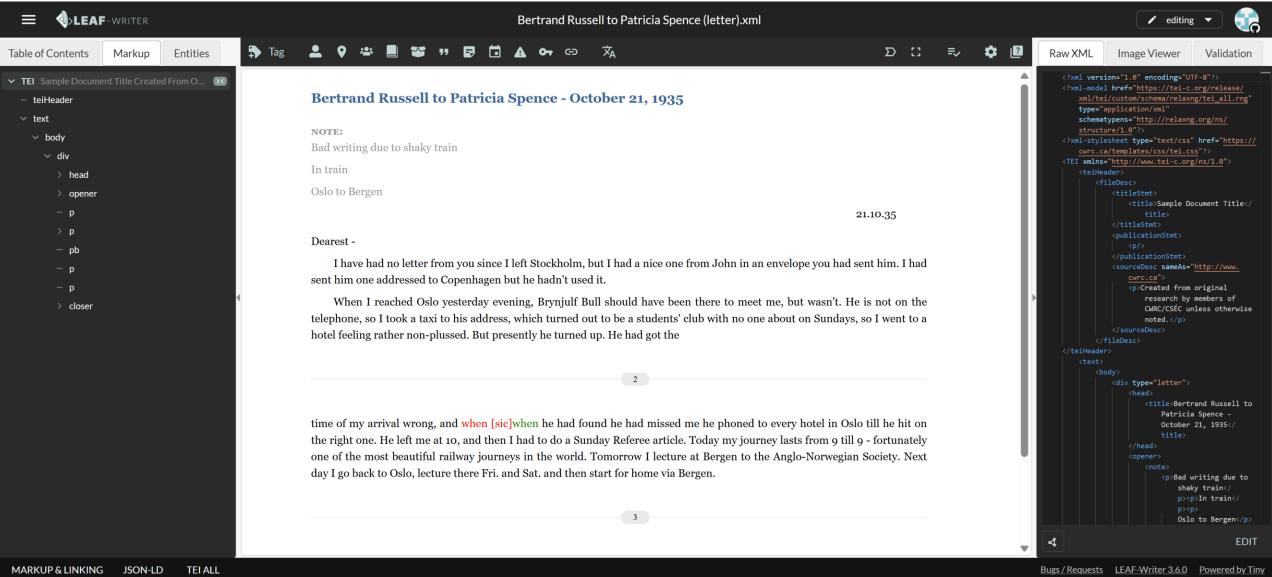
SAMPLES



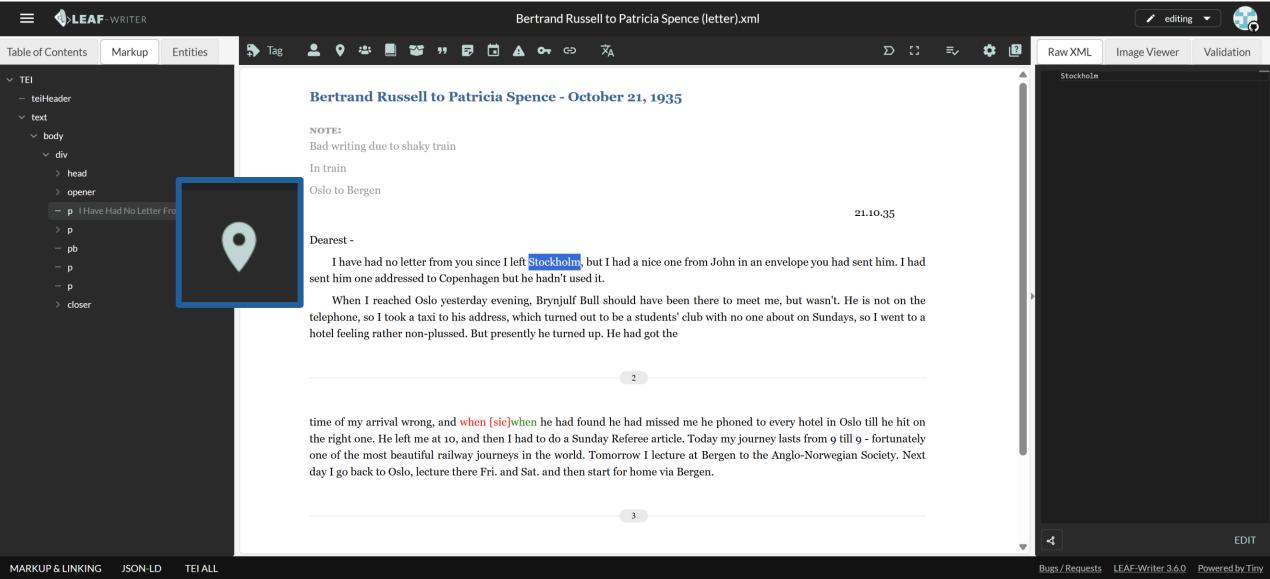


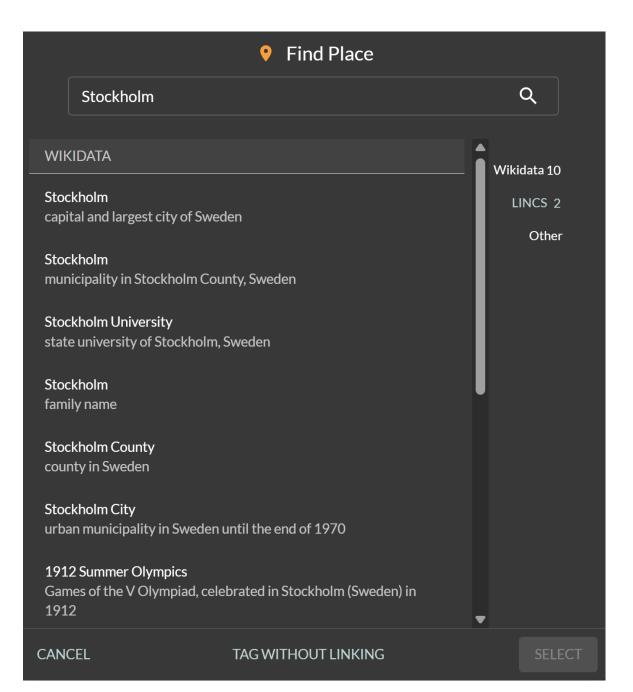
- Bertrand Russell to Patric...
- **☐** To Congress on women's s...
- A.M. Klein, "Political Mee...
- **■** Virginia Woolf, "Mrs. Dall...

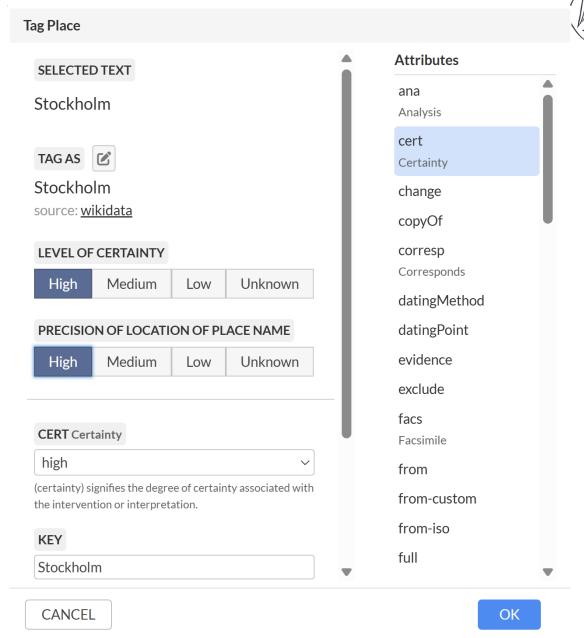




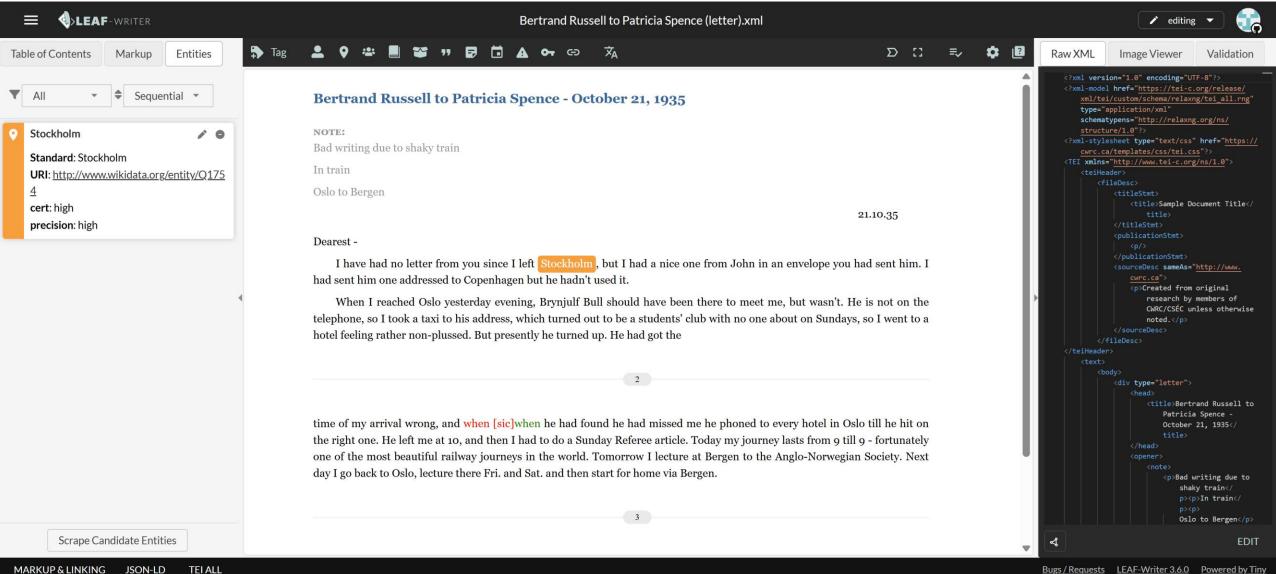




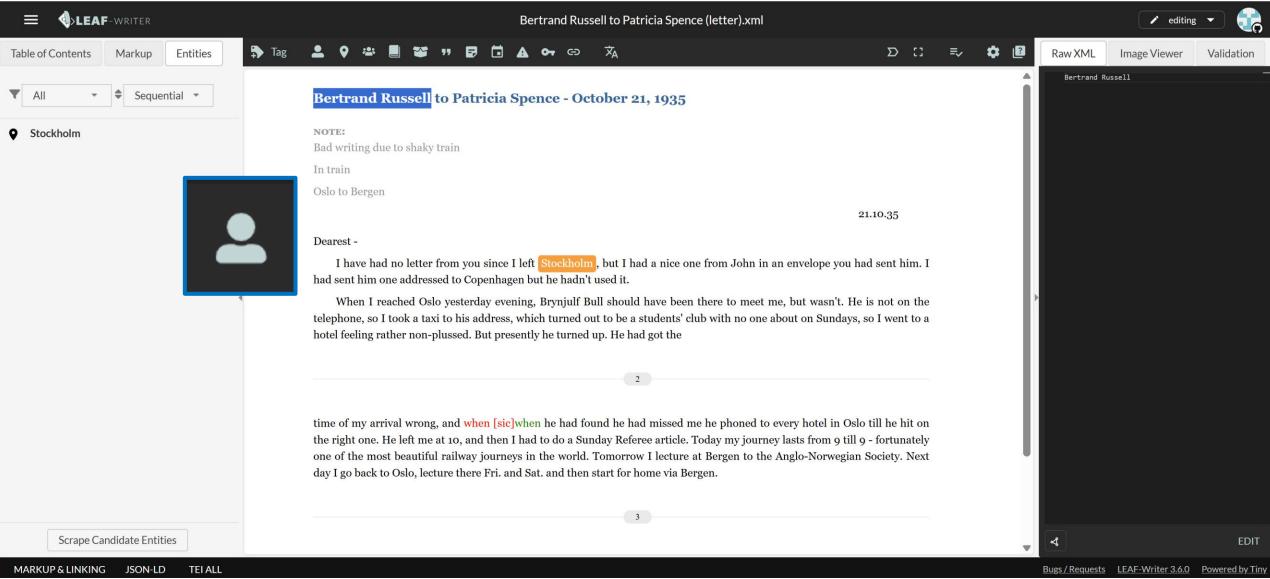




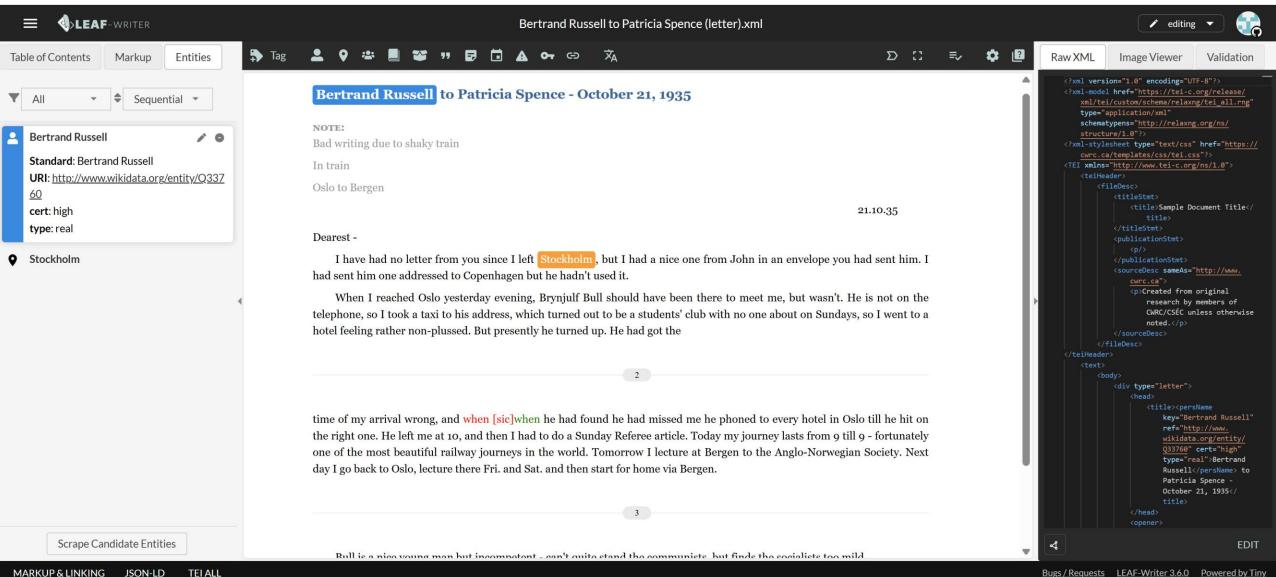








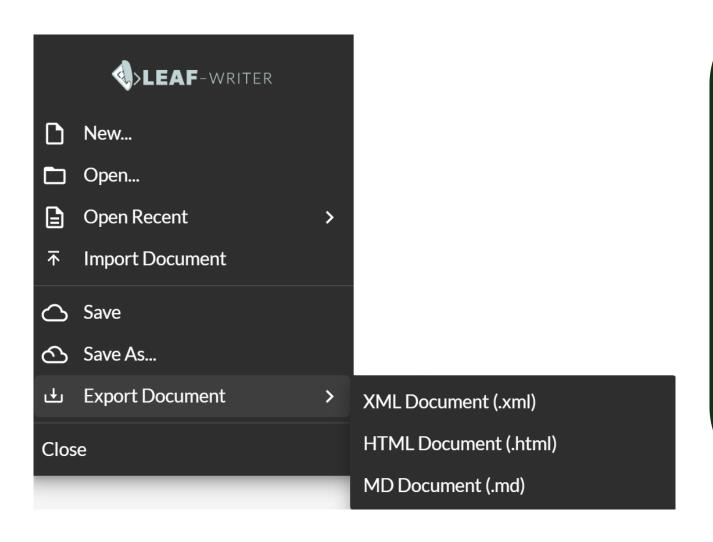




"LEAF-Writer", Rachel Milio



Exporting from LEAF-Writer



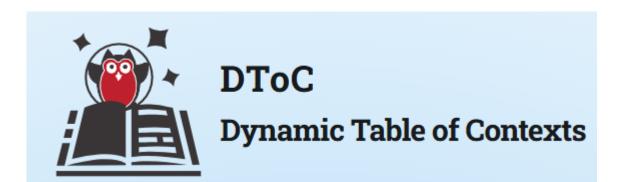
XML: eXtensible Markup Language **HTML**: Hypertext Markup Language MD: Markdown



To Learn More

https://www.leaf-vre.org/

https://tei-c.org/







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Thank you!

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