

# Bookworm: Building an expressive grammar of humanities text analysis

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## 1. Intro

- (a) Acknowledgements
- (b) Description

**platform for the analysis of large textual collections  
general users,**

## 2. Practical

- (a) i. A. At scale means metadata.

**before**

- ii. Flagship Browser
- iii. Our other browsers
- iv. Partner browsers
  - A. Yale University Libraries
  - B. Medical Heritage Library
  - C. US State Department
  - D. Hathi

## 3. Abstract

- (a) Core philosophy

## 4. An API vs a grammar

- (a) Core functions of the grammar.
  - i. 1. Creating a corpus
  - ii. 2. Setting a working definition of texts and tokens
  - iii. 3. Performing an operation that compares counts in two corpora against each other.

A. Log-Likelihood

5. A grammar promotes extensibility.

(a) Topic Models

i. TEI

ii. Geography

6. Conclusion

**infrastructure**