Digital Humanities At Scale: Hathi Trust Research Center

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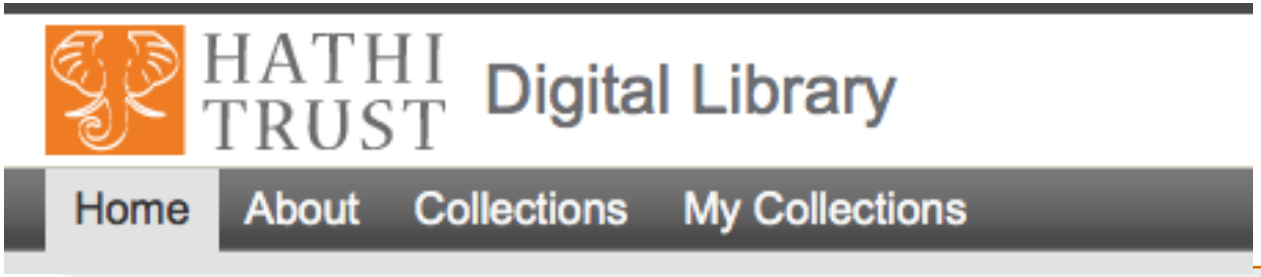


Currently Digitized

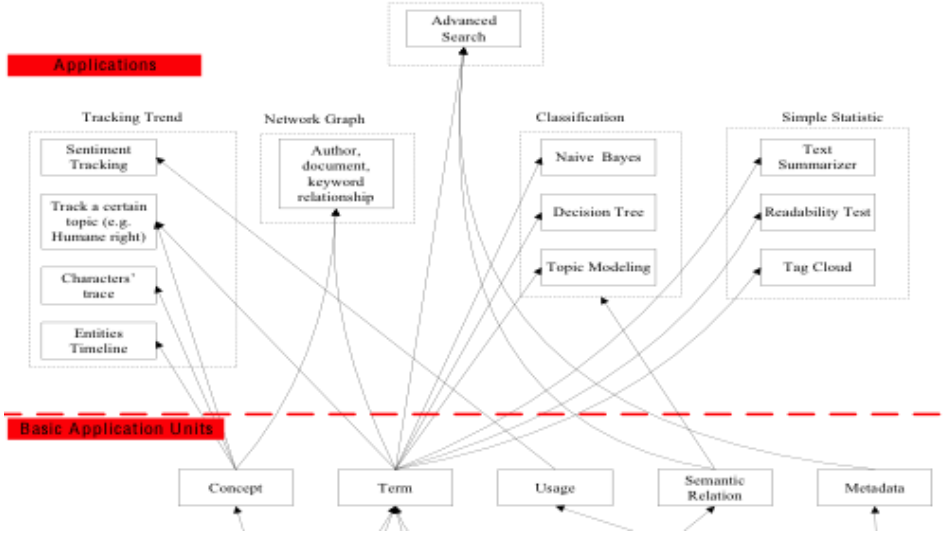
10,100,278 total volumes
5,345,001 book titles
266,113 serial titles
3,535,097,300 pages
453 terabytes
120 miles
8,206 tons
2,784,331 volumes (~28% of total) in the public domain
View visualizations of HathiTrust call numbers, languages, and dates

statistics information ››

→ HathiTrust Research Center: dedicated to provision of computational access to comprehensive body of published works for scholarship and education

→Big data and copyrighted text means ***computation moves to data, not vice versa***

HathiTrust Research Center

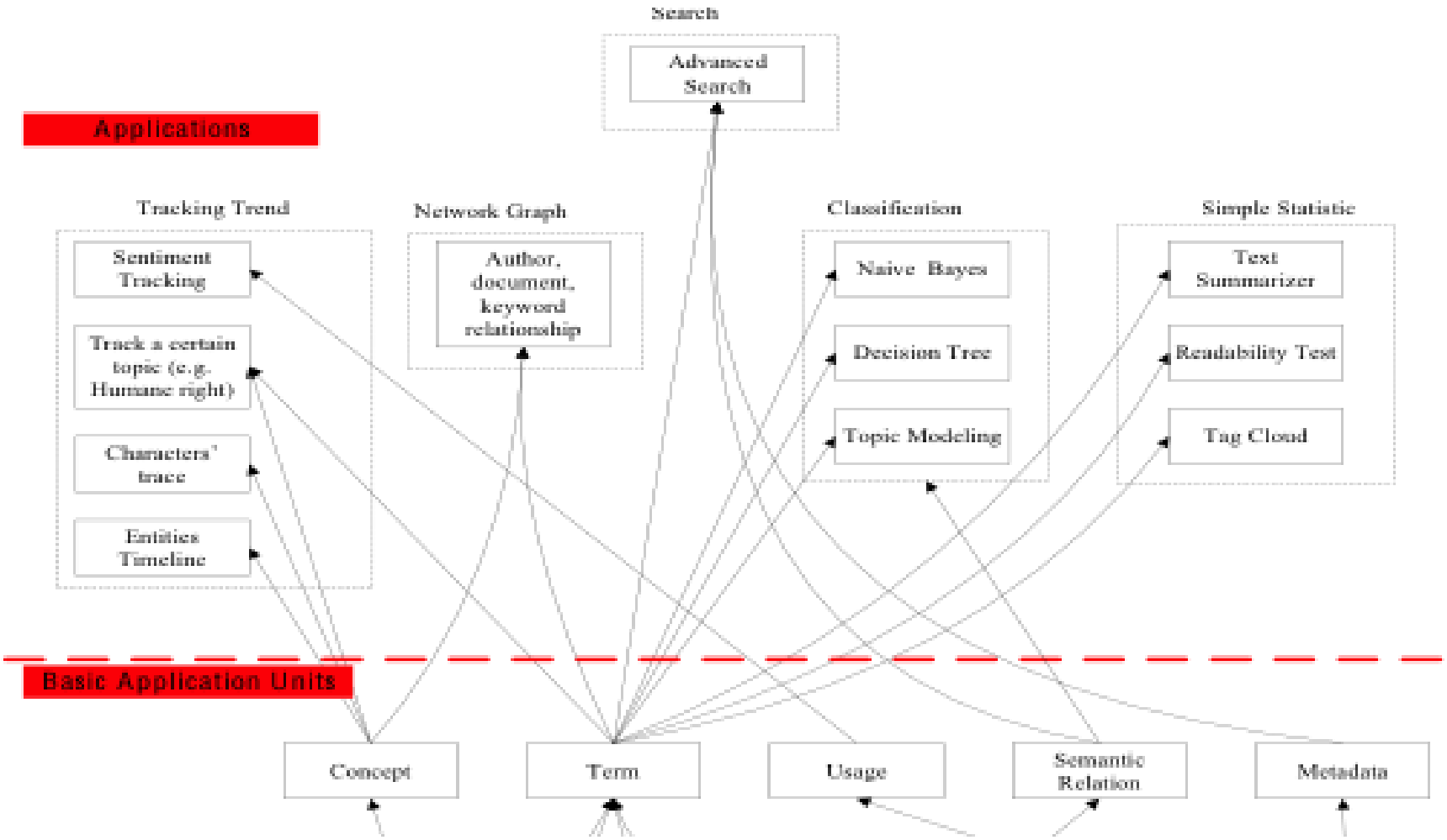


- Analysis on 10,000,000+ volumes of HathiTrust digital repository
- Working with OCR
- Large-scale data storage and access
- HPC and Cloud

Type of Data (Public domain and copyrighted works)	Estimated initial size: 300-500 TB
Solr Indexes	36 TB (3 indexes)
File system rsync	12 TB
Fast volume access store	30TB
Versions of collection (5)	120 TB
Volume store indexes	100 TB

Query = author:Withers, Hartley

Categories of algorithms



Parting thoughts

- UnCamp Sept 20-21, 2012 Bloomington, IN
- Currently setting up support for public domain corpus
- Scholarly community interest in this resource is high; it's value proposition is clear