Hypershelf
A Multidimensional Browser for Exploring Content Across the Library
[VR Goggles not included]

Jaimie Murdock (@JaimieMurdock)
Colin Allen (@wylieprof)
Brown Bag Series hashtag: #dlbb
http://inphodata.cogs.indiana.edu/

Interstellar (2015)
Christopher Nolan (director)
Paramount and Warner Brothers
HyperShelf

http://inphodata.coogs.indiana.edu/ (permanent project & demo site)
http://github.com/inpho/topic-explorer/ (open source + installation guide)

BROWSING BY SUBJECT AREA -- Temporary demo sites (URLs not stable)

Cardiovascular Disease (RC666-701)

20th Century England (DA566-592)

19th Century Swedish Literature (PT9725-9850)

Geodesy (QB275-343)
Ideas for Multi-Model Topic Visualization

SEP entries (production site): https://inpho.cogs.indiana.edu/idea/5578.html

Demos:

Cardiovascular Disease: http://inphodata.cogs.indiana.edu:8103/


19th Century Swedish Literature: http://inphodata.cogs.indiana.edu:8101/

Geodesy: http://inphodata.cogs.indiana.edu:8102/
Other LDA visualization approaches

https://stacklife.harvard.edu (may be non-functional)

http://cpsievert.github.io/LDAvis/reviews/vis/#topic=2&lambda=0.6
Future Projects & Futuristic Ideas

> Crossing LoC boundaries

> Scale up to full collection size

> Workflows for collection assessment

< Scan a physical book’s barcode or RFID/NFC to start HyperShelf

< SoC (Sytems on a Chip) to embed digital copy + digital services in physical book

< Quick OCR > Query Sample for books/docs not in the collection