The Concept

- **The best way to present data isn't always via text**

- **Sometimes a picture, chart, graph, map, etc is worth a thousand words**

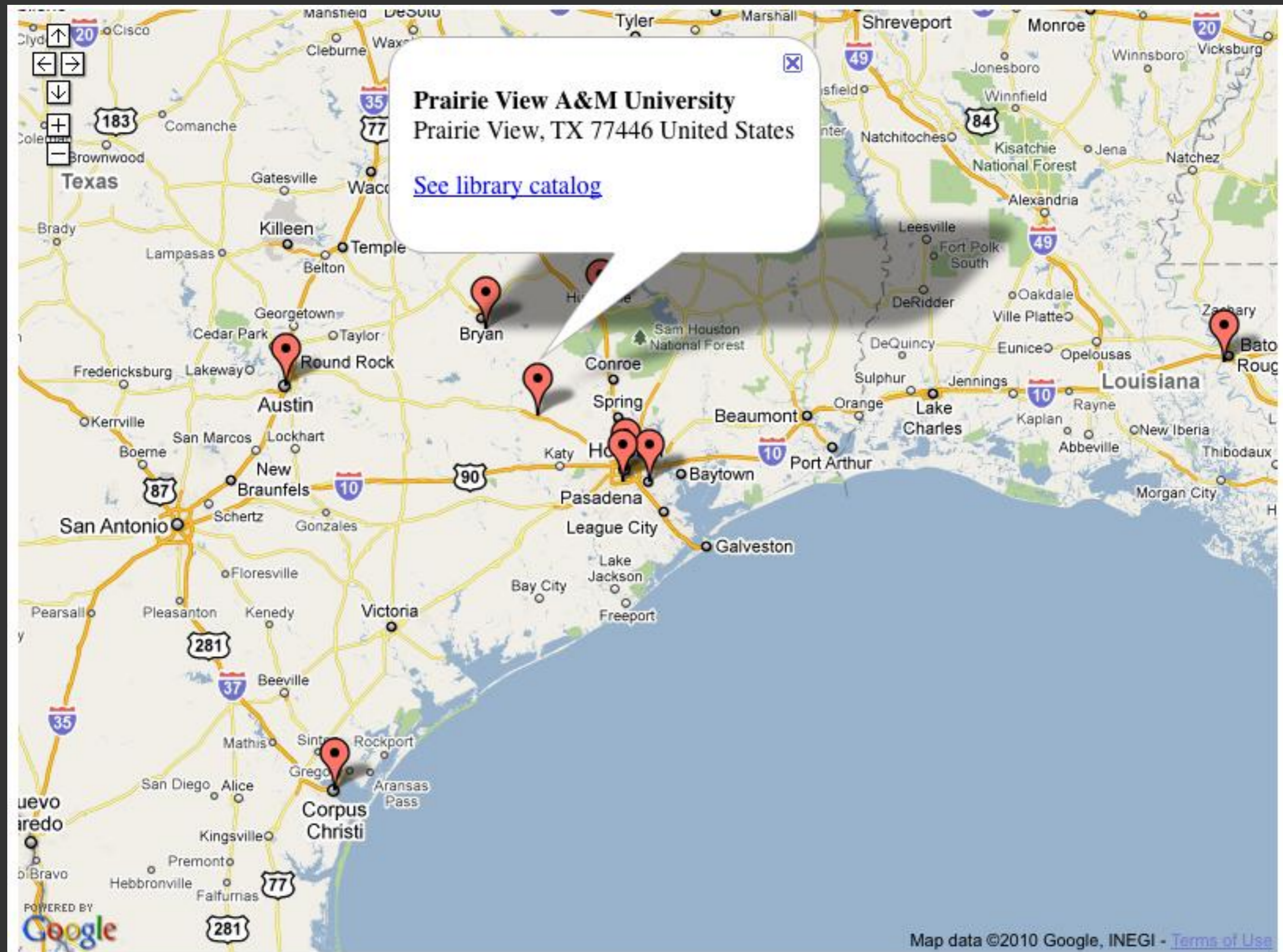- **11 prototypes which use data from OCLC Web Services to show library users information in a "visual" way**

WorldCat Search API Location Info

The Data

- **Library Holdings information**

The Visualization

- **Google Map mashup which show libraries near the user with the desired item**

Prairie View A&M University
Prairie View, TX 77446 United States

See library catalog

QR Codes to Google Map of library
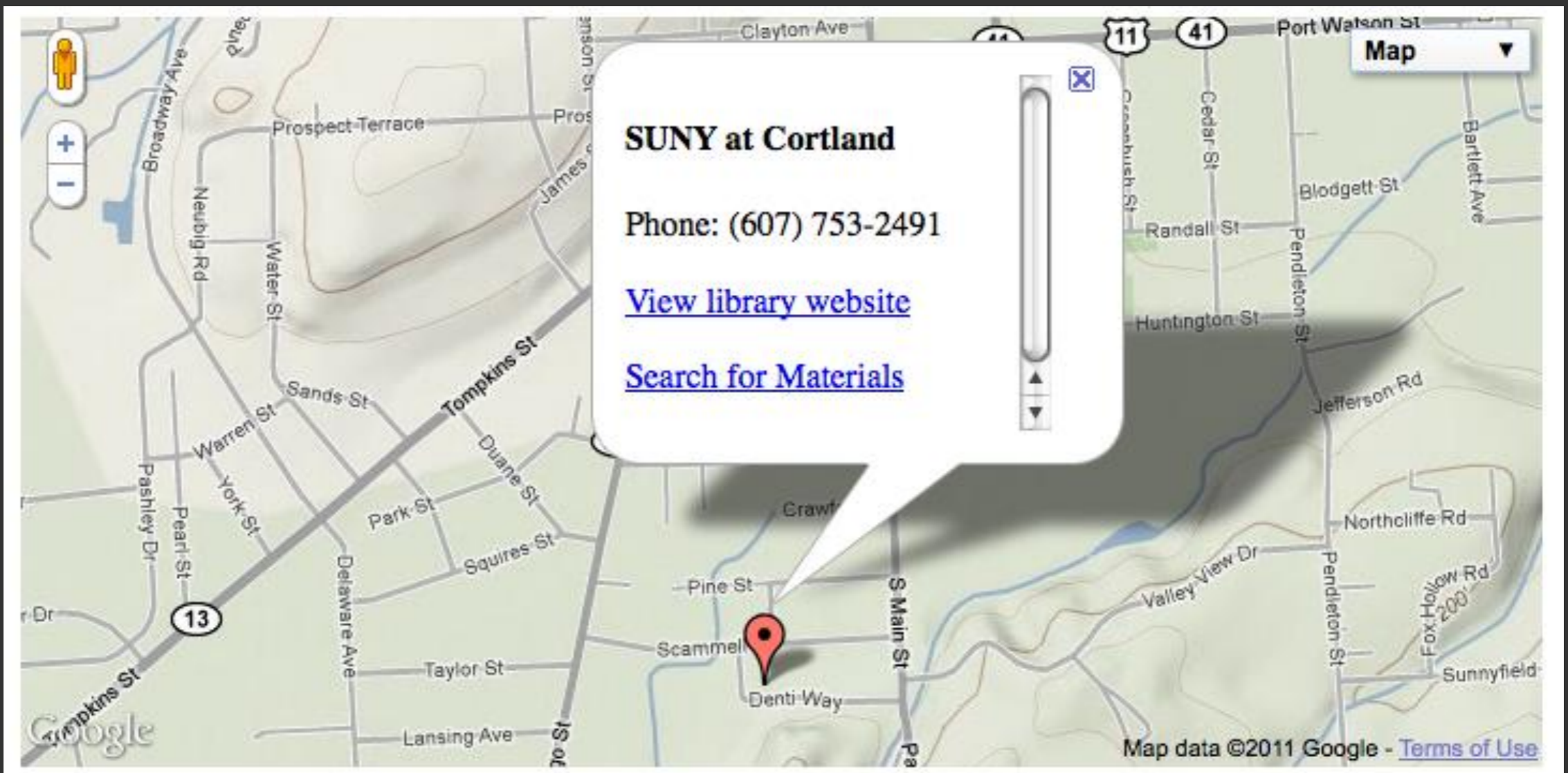
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The Data

- WorldCat Registry data to a given libraries location

- Google Chart API to Create QR code

The Visualization

- Create a QR code that links to a Google Map of a particular library

SUNY at Cortland

Phone: (607) 753-2491

View library website

Search for Materials

Map data ©2011 Google - Terms of Use

Organizational Chart of Library Branches

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The Data

- WorldCat Registry data for a given library and its branches

- Google Visualization API for org chart

The Visualization

- Create an organization chart that shows a library and its branches

University of Houston

- Music Library
- Weston A. Pettey Optometry Library
- Conrad N. Hilton College Library & Hospitality Industry Archives
- Pharmacy Library
- William R. Jenkins Architecture & Art Library

Author Timeline

The data

- WorldCat Identities data about which items are most widely held by the author

The visualization

- Similie timeline of the authors most widely held items

Brontë, Anne

Anne Brontë (17 January 1820 – 28 May 1849) was a British novelist and poet, the youngest member of the Brontë literary family. The daughter of a poor Irish cle[...] of her life with her family at the small parish of Haworth on the Yorkshire moors. For a couple [...] she left Haworth working as a governess between 1839 and 1845. After leaving her teachin[...]lume of poetry with her sisters and in short succession she wrote two novels: Agnes Grey, b[...]847; her second and last novel, The Tenant of Wildfell Hall appeared in 1848. Anne's life was [...]e was 29 years old. Anne Brontë is often overshadowed by her more famous sisters, Charlot[...]hor of Wuthering Heights. Anne's two novels, written in a sharp and ironic style, are comple[...]he wrote in a realistic, rather than a romantic style. Her novels, like those of her sisters, have be[...]

lccn-n7[...]
1996

Agnes Grey

A novel set in Victorian England based on the author's experiences, describing the desperate position of unmarried, educated women driven to take up the only "respectable" career open to them: that of a governess. Struggling with the monstrous Bloomfield children, then disdained in the superior Murray household, Agnes tells a story that is a compelling inside view of Victorian chauvinism and ruthless materialism.

Fri, 01 Jan 1988 06:00:00 GMT

○ Agnes Grey

○ The Brontes at Haworth : the world within

The tena[...]

1987   1988   1989   1990   1991   1992   1993   1994   1995   1996
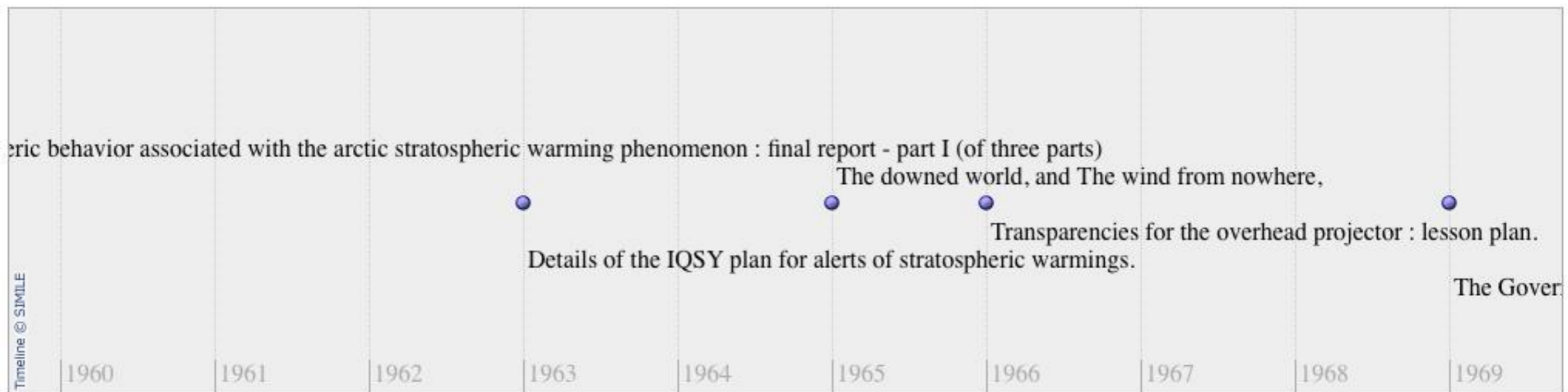
Timeline © SIMILE

Topic Timeline

The data

- WorldCat Search API data about publications on a particular topic for a particular data range

The visualization

- Similie timeline of the publications on a particular topic for a given set of dates

Materials related to global warming

eric behavior associated with the arctic stratospheric warming phenomenon : final report - part I (of three parts)

The downed world, and The wind from nowhere,

Transparencies for the overhead projector : lesson plan.

Details of the IQSY plan for alerts of stratospheric warmings.

The Gover

| 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 |

FAST Heading Tag Cloud

The data

- Related FAST subject headings for a given item in WorldCat

The visualization

- Use Classify web service to retrieve FAST headings and number of works with that heading. Create tag cloud representing the FAST headings.

Title	Jane Eyre /
Publisher	Usborne, : 2006.
ISBN	0746075367
OCLC Number	67871478

Ratings from LibraryThing

★★★★½   25028 copies, 337 reviews

Other Libraries with this Item

Please enter a Zip Code [   ] [Search]

Subject Headings

England   Governesses   Man-woman relationships   Eyre, Jane (Fictitious character)   Orphans

Great Britain   Family secrets   Manners and customs

MapFAST

The Data

- FAST Subject Headings with geographic coordinates

The Visualization

- Show GoogleMap of FAST Subject Headings near a particular location

mapFAST

Find library materials about world wide locations

Find FAST Geographic Subject Headings Near:

Boston, MA | Search |

Radius: | 100 km ↕ |

Display: | Event   ↕ |

📅 Sacco-Vanzetti Trial (Dedham, Massachusetts : 1921)

📅 Cocoanut Grove Fire (Boston, Massachusetts : 1942)

📅 Siege of Boston (Massachusetts : 1775-1776)

📅 Police Strike (Boston, Massachusetts : 1919)

📅 Great Fire (Boston, Massachusetts : 1872)

📅 Bunker Hill, Battle of (Boston, Massachusetts : 1775)

📅 Garrison Mob (Boston, Massachusetts : 1835)

📅 Lexington, Battle of (Massachusetts : 1775)

📅 Pierce Fight (Central Falls, Rhode Island : 1676)

📅 Concord, Battle of (Massachusetts : 1775)

📅 Great Fire (Lynn, Massachusetts : 1889)

📅 Textile Workers' Strike (Lawrence, Massachusetts : 1912)

📅 Textile Workers' Strike (New Bedford, Massachusetts : 18

📅 Textile Workers' Strike (New Bedford, Massachusetts : 19

| Map | Satellite | Hybrid | Terrain |

Map data ©2011 Google - Terms of Use

Share this Location: http://experimental.worldcat.org/mapfast/?geo=42.173766,-71.1632;crs=wgs84&mq=[FCode:E]&sortby=distance&max-results=20&box=41.656702,-72.19866
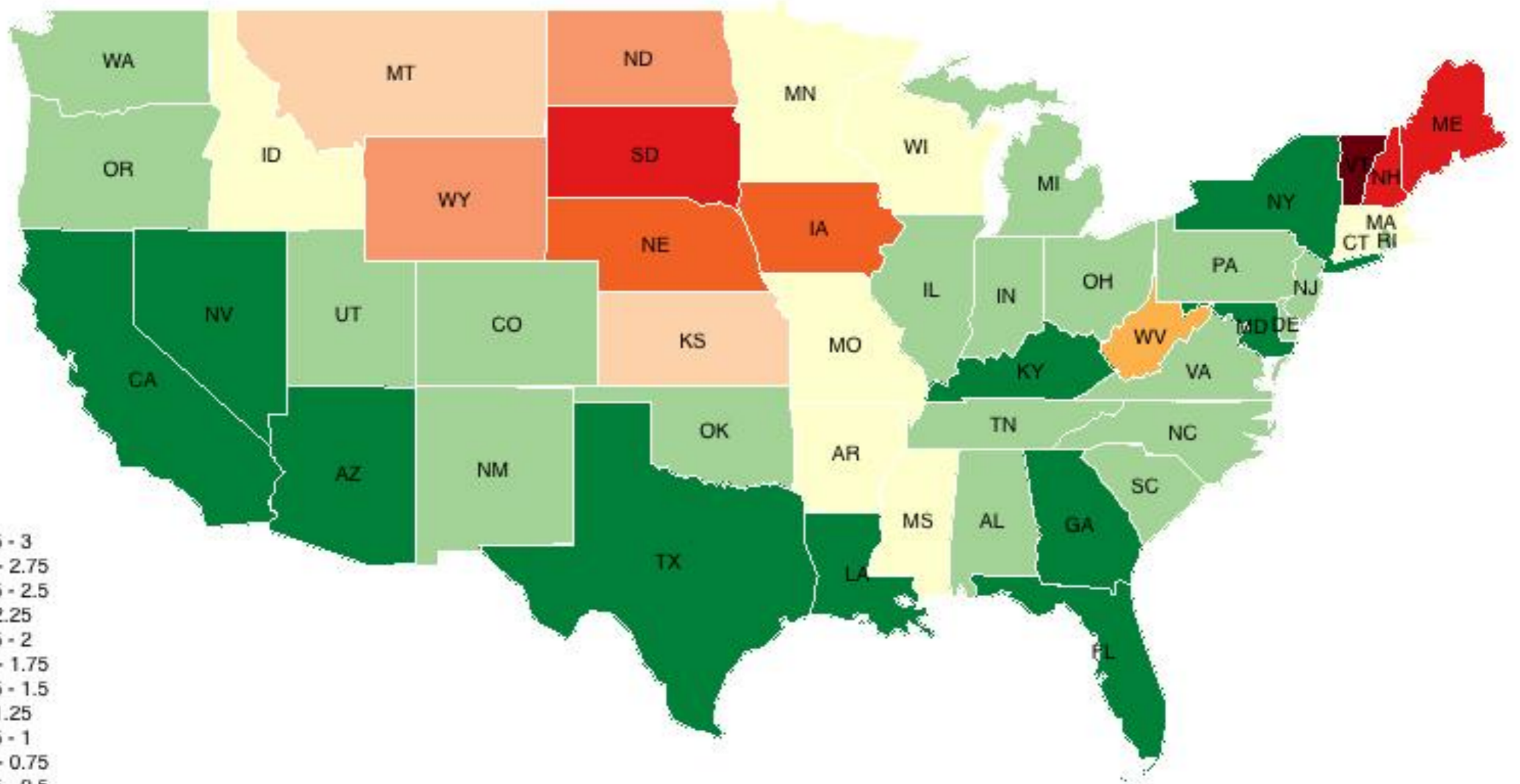
Public Libraries in the US

The Data

- **Registry Data about public libraries and their locations**

The Visualization

- **Protovis map of US showing number of public libraries in each state**
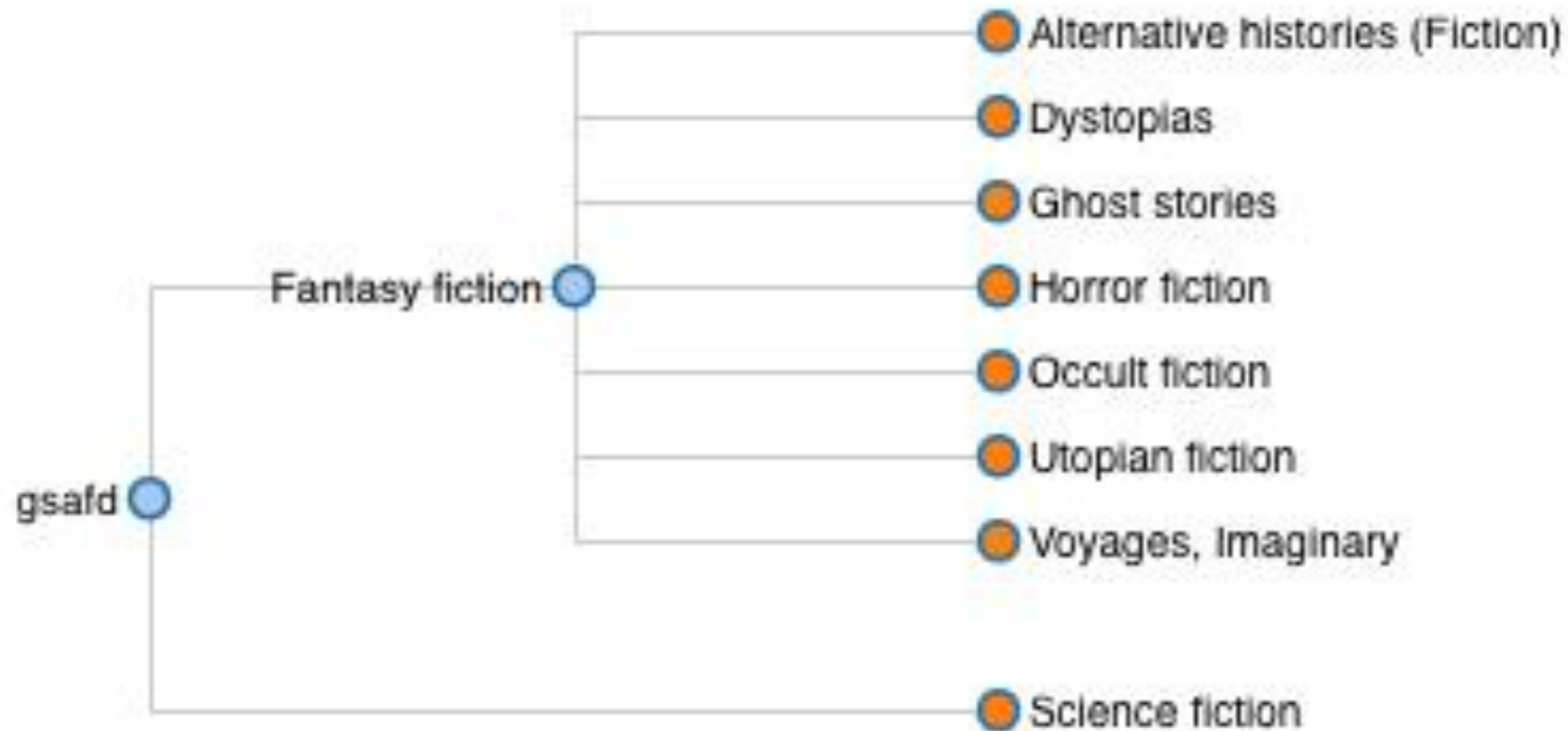
Terminology Services

The Data

- Controlled vocabulary data

The Visualization

- Show tree of the relationships between terms and allow users to navigate to other terms

gsafd Fantasy fiction
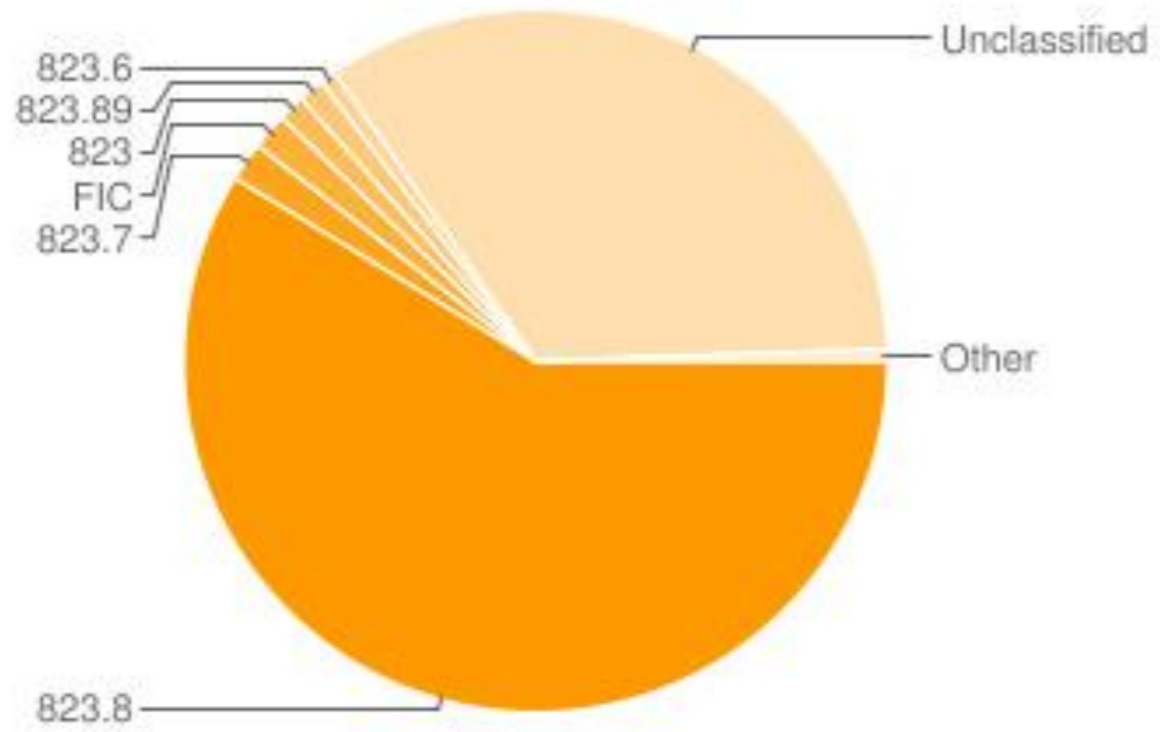
Classify Web Service

The Data

- Classify web service data about how libraries classify items in DDC and LC
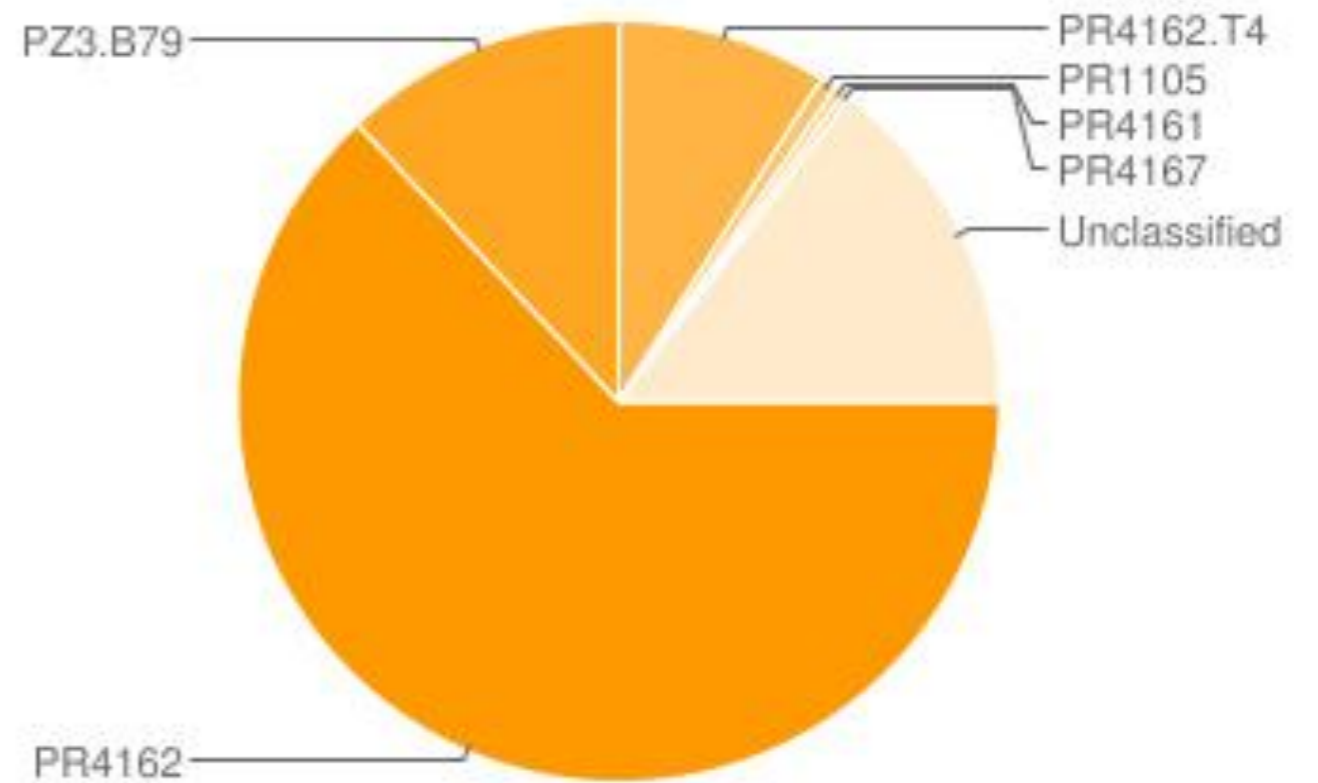
The Visualization

- Use Google Chart API to create a pie chart which shows which classifications of a given item are more popular

- Part of the standard Classify web service

DDC

- 823.6
- 823.89
- 823
- FIC
- 823.7
- 823.8
- Unclassified
- Other

LCC

- PZ3.B79
- PR4162
- PR4162.T4
- PR1105
- PR4161
- PR4167
- Unclassified

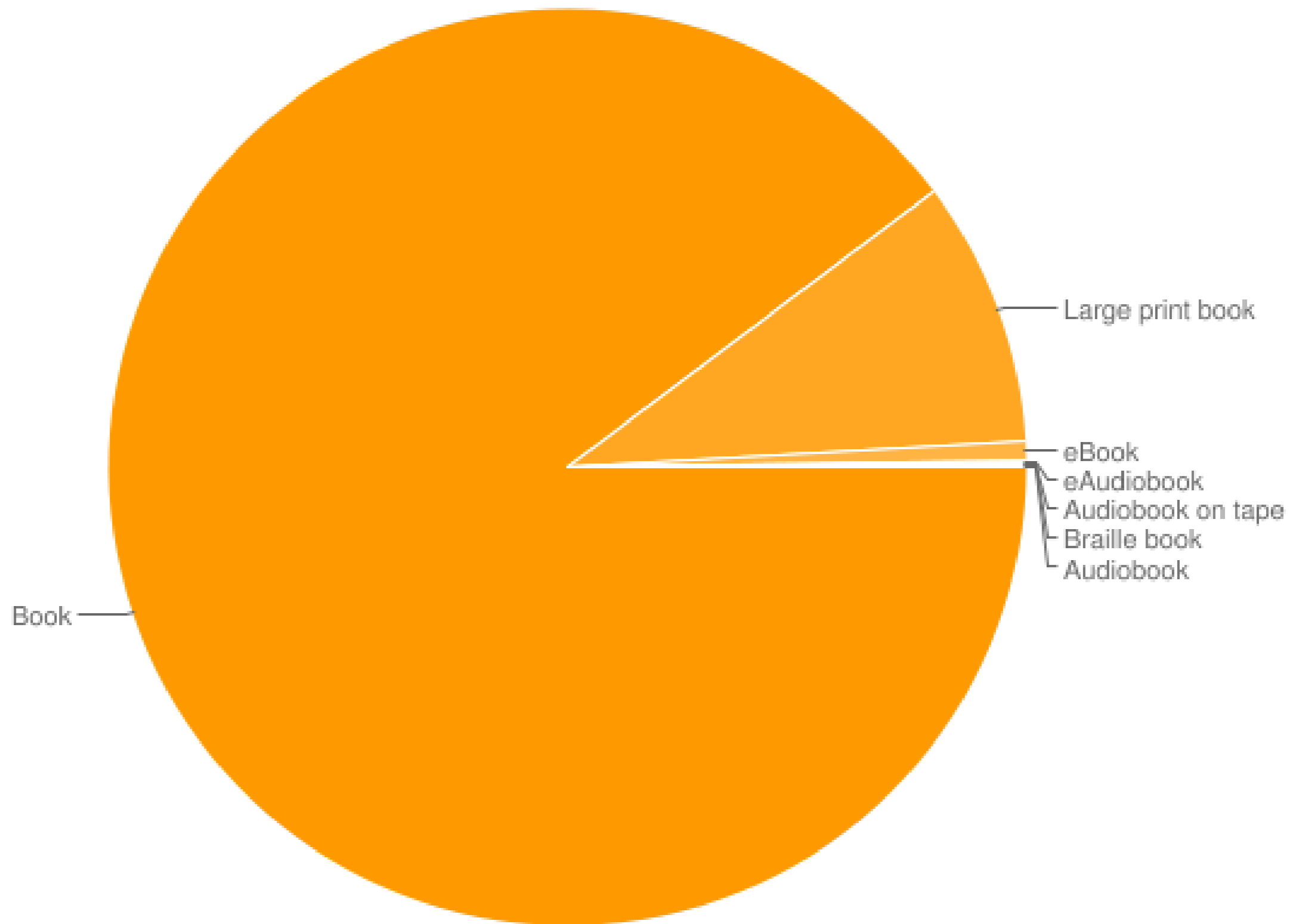# Formats and Holdings

The Data

- Classify web service has Work information including editions, format and number of holdings

The Visualization

- Use Google Chart API to create a pie chart which shows the percentage of libraries that hold a Work in a particular format

Into thin air : a personal account of the Mount Everest disaster

- Large print book
- eBook
- eAudiobook
- Audiobook on tape
- Braille book
- Audiobook
- Book

MapFAST

The Data

- **FAST Subject Headings with geographic coordinates. Items from WorldCat with particular subject headings**

The Visualization

- **Show Google Map of FAST Subject headings on a map. Selecting a heading shows you materials related to that heading**

Materials related to Ohio -- Worthington

- [New Englanders on the Ohio frontier : the migration and settlement of Worthington, Ohio](#)
- [Walking tour, historic Worthington](#)
- [History of Humboldt Lodge no. 476 F. & A.M. of Worthington, Ohio from 1873-2009](#)
- [Worthington neighborhoods](#)
- [Codified ordinances of Worthington. Part eleven, Planning and zoning code.](#)
- [Two centuries of educational history, Worthington, Ohio](#)
- [Zoning map, city of Worthington, Ohio.](#)
- [Worthington Area Chamber of Commerce](#)
- [Codified ordinances of Worthington. Part thirteen, Building code.](#)
- [Alumni directory 2011](#)

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How it works

- **Use Google Location JS to get the users location: ie. Lat/long**

- **Send users lat/long to MapFAST web service and get back nearby relevant subject headings**

- **Build Google Map with each of the nearby geographic locations**

- **Make map points clickable**

- **When map clicked, send subject heading to WorldCat Search API as SRU subject search. Print results to screen below map**

Questions

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Play with the code

- **http://www.librarywebchic.net/mashups**

- **http://www.worldcat.org/devnet/code/devnetDemos/**

Join the OCLC Developer Network

- **Website http://www.oclc.org/developer**

- **Listserv WC-DEVNET-L https://www3.oclc.org/app/listserv/**

- **Twitter http://twitter.com/oclcdevnet/**

- **Application Gallery:**
  http://www.oclc.org/developer/applications