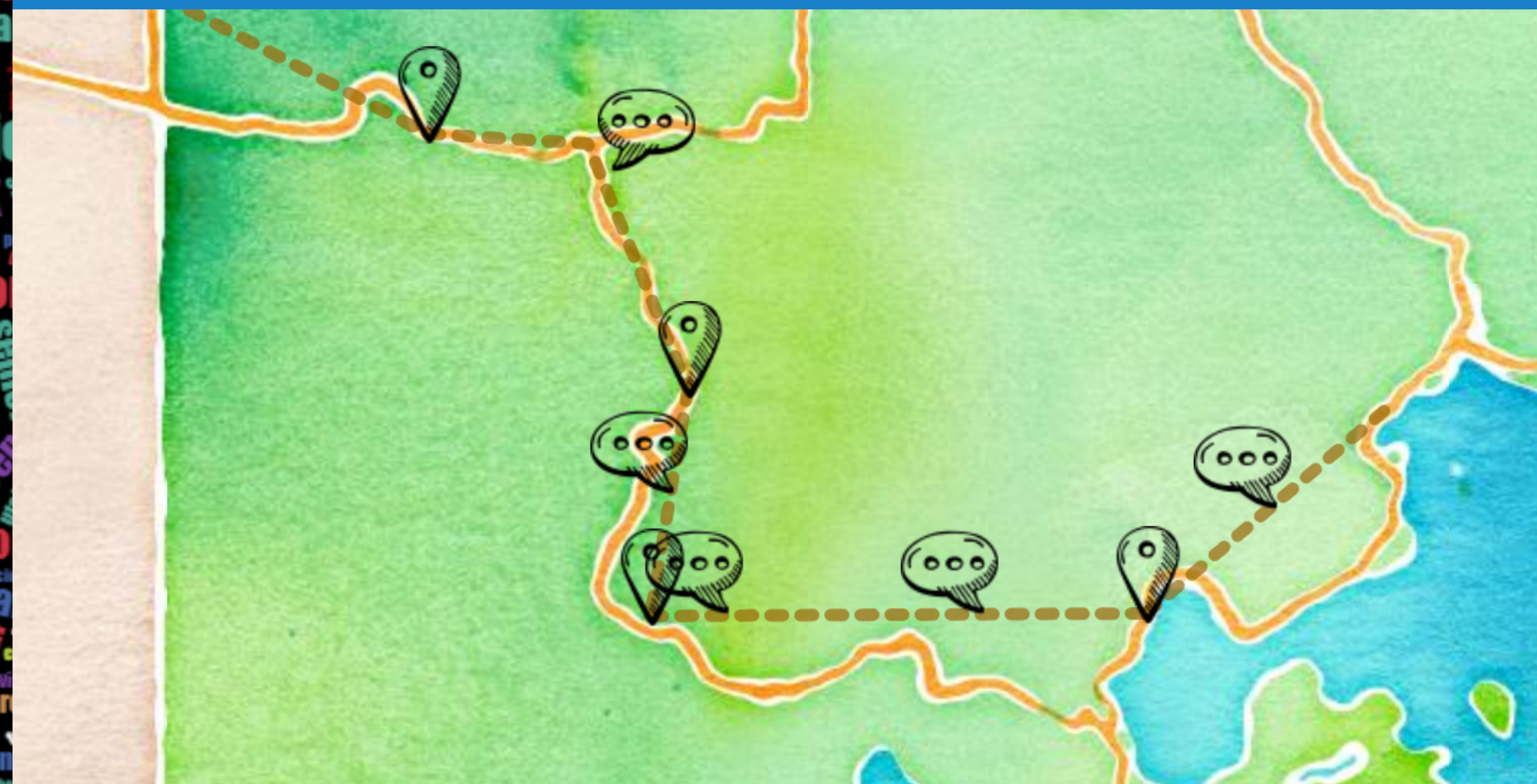


Welcoming Computational Modes of Research into the Archive



Storymap of historical expeditions in Yellowstone



Ivan Doig

Presented by Montana State University's Special Collections

This House of Sky

English Creek

The Whistling Season

Work Song

Prairie Nocturne

Heart Earth

- Character mapping across each book shows occurrences of people in Doig's fictional world
- Sentiment analysis allows users to find chapters that match a feeling
- Entity recognition of placenames/landmarks enabling search for these entities
- Collaborative filtering of works based on keyword, sentiment, character occurrences, landmarks and placenames used to recommend similar works

- This storymap walks users through the Yellowstone expeditions of Henry Keyes (1899) and Charles Hoff (1908), showcasing historic photographs of Yellowstone, and Keyes' and Hoff's journal entries.
- Dillon Monday used Leaflet JS to build the app.
- A slider allows users to follow each journey through time and space.



"Crossed the western boundary of the Yellowstone Park at just 2 P.M. - Rode 4 miles to the Madison River and then turned from the road and camped at its banks"

-Keyes Journal August 2, 1899

"We then hitched up and started for Mount Washburn. We left the down Ravine Road to our left and went up the hill like pilgrims. We all marveled at the road scored out of solid ledges and wondered what it had cost the government. On top, we found plenty of old snow and some new drifts. Altitude ten thousand and two hundred feet. Yellowstone Lake was in sight. We pulled to Tower Falls and camped."

-Hoff Journal Sept 8, 1908

Title	The Bartenders Tale, Chapter
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Raw Text Example

1 My father was the best bartender who ever lived No
one really questioned that in a town like Gros Ventre
glad of any honor or out in the lonely sheep camps
and bunkhouses and other parched locations of the
Two Medicine country where the Medicine Lodge
saloon was

Sentiment Value positive

Length	35	apathetic
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Object ID	821f03288846297c2cf43c34766a38f
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Date Created	April 30, 201
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Related Book	The-Bartenders-Tal
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Keywords Pop: time: way: car: room: something: bar: Medicine:

head; anything; hook; father; town; things; kind;
saloon; fishing; day; man; Phoenix;

Geolocations Gros Ventre, MT. US12: Rainbow Lake, AZ. US12:

Gros Ventre, MT, US12; Rainbow Lake, AZ, US12;
Great Falls, MT, US12; Fort Peck Chapel, MT, US11;
Bad Medicine Spire, MT, US11; Red Saddles, AZ

Bad Medicine Spires, MT, US11; Red Saddles, AZ, US11; Arizona, AZ, US11; Phoenix, AZ, US11; Show Low, AZ, US11; Roosevelt, MT, US11;

Low, AZ, USH, Roosevelt, MI, USH,

100

Figure 1

5

0

1

1

5

100%

8

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Title	The Bartenders Tale
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Chapters

[The Bartenders Tale, Chapter 1](#)
[The Bartenders Tale, Chapter 2](#)
[The Bartenders Tale, Chapter 3](#)
[The Bartenders Tale, Chapter 4](#)
[The Bartenders Tale, Chapter 5](#)
[The Bartenders Tale, Chapter 6](#)
[The Bartenders Tale, Chapter 7](#)
[The Bartenders Tale, Chapter 8](#)
[The Bartenders Tale, Chapter 9](#)
[The Bartenders Tale, Chapter 10](#)
[The Bartenders Tale, Chapter 11](#)

Length	375
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Date Created May 28, 2018