Imagine viewing event data in an interface with the following features:

- Intuitive timeline layout, navigation controls, and filtering options resulting in highly intuitive user experience
- Assignment of relative importance to individual events
- Comparing/contrasting events from different data sets is difficult
- User-data interaction is limited (e.g., Excel)

Emerging technologies that present qualitative event data in a natural and interactive timeline layout could redefine standard analysis practice.

### 2. A Timeline is a Natural Fit

Imagine viewing event data in an interface with the following features:

- Intuitive timeline layout, navigation controls, and filtering options resulting in unparalleled data accessibility and selectivity
- Assignment of relative importance to individual events
- Binding of events to associated artifacts such as images, videos, maps, etc.
- Convenient linking to associated services or workflows
- Support for discovery of possible connections spanning data sets (i.e., multi-timelining)

### 3. TimeGlider is a Timeline Technology Under Development

TimeGlider is a timeline technology under development by TimeGlider/Mnemograph LLC of Boise, ID

- Marketed as ‘...like Google Maps, but for time...’
- Commonly used by historians, genealogists, and project planners

### 4. Notable Features, Uses, and Extensions

- TimeGlider supports multiple timelines on a single canvas
- LAS has experimented with up to 5 timelines at once!

**Timerline Equivalent of a Word Cloud**

- What would a timeline of an LAS staff member’s Yammer activity look like?
- How does the resulting timeline compare to a traditional word cloud?

**Multi-Timelining**

- Most analysis problems are multi-dimensional
- TimeGlider supports multiple timelines on a single canvas

**Customization**

LAS has modified TimeGlider in several ways including:

- Addition of an event importance filter with native look & feel
- Creation of more stable multi-timelining management
- Search feature upgrade: timeline reloads/remote descriptions
- (Memory management) remote hosting of event descriptions to reduce client memory footprint – this change has increased the number of timeline events supported by 4-5X.
- Multi-span indication for events with > 2 timestamps e.g., Larry Craig was elected U.S. Senator (ID) three times
- Support for timeline import/export in JSON format

**Analyst Reaction**

Initial experimentation with TimeGlider began in late 2014

Analyst reaction has been very positive – consensus views are:

- TimeGlider makes data more accessible and actionable
- Subtle trends in data resulting from periodicity, trajectory, or other patterns emerge with little user effort
- Multi-timelining is effective for multi-source analysis

In 1934, Idaho became the nation’s leading silver producer at a time when the U.S. was in the midst of The Great Depression suggesting that Idahoans may not have been as impacted by the depression as other Americans.

A TimeGlider timeline chronicling the histories of America and the State of Idaho.