**Initial Questions for Visualization, initial data assessment and other thoughts**

**02/2019**

*Concerned Citizens*

* *Thoughts*
  + Focus seems to be around an elected official’s / body of elected officials’ voting pattern concerning specific issues. People are interested in knowing if their official will vote in line with their interests and their history in voting on issues in the past.
  + Unfortunately, pretty sure that getting down to the granularity of bills / voting history is not possible and out of scope for this project … doesn’t mean we can’t make it easier for OMF to incorporate this information into a tool as they go forward.
* *OG Questions*
  + Has this person discussed this topic?
  + What topics does this person discuss?
  + What topics does this entity discuss?
* *New Questions*
  + Show me all of the topics that were discussed by an entity recently?
    - Input:
      * Site
    - Output:
      * List of topics
  + Show me all the (recent) times when this topic was discussed (by a particular representative).
    - Input:
      * Topics
      * Filter: Site
      * Filter: Date Range
      * Filter: Topic Set
      * Filter: Representative
    - Output:
      * Session
        + Date of session
        + List of video chunks
        + List of captions

*Political Operatives*

* *Thoughts*
  + Focus seems to be about finding and creating media resources for constituents using material provided by OMF; both legislative aides described processes where they rip video from archive.org and then edit into clips that they can send out in email blasts, post to social media, send to constituents as evidence of particular positions, etc.
* *OG Questions*
  + Mapping where a topic was discussed
  + When in a session did a given person speak (about a certain topic)?
  + When in a session is a given topic discussed?
* *New Questions* 
  + Show me all the (recent) times when this topic was discussed (by a particular representative)
    - See above

**01/2019**

1. Has an entity/person discussed this topic?
2. What topics does an entity/person topic talk about?
3. When is a topic discussed?
4. What topics are discussed in a time period?
5. What topics are discussed together?
6. Who/where is a given topic being discussed?
7. Where does data come from?

In general, a person should be able to filter for all sessions filtered by time, topic, site, and category. The critical data is topic (associated to sessions), session (for location, site, date, and category)

Topic modeling: The model associates topics to captions; how do we associate topics to sessions? It seems like topic modelling for sessions is the most natural point.

|  |  |
| --- | --- |
| Question | Needed Data |
| Has this site discussed this topic? | Caption, topic, session, site |
| Has this person discussed this topic? | Caption, topic, person |
| What topics does this entity discuss? | Site, session, caption, topic |
| What topics does this person discuss? | Site, session, caption, topic, person |
| When is a topic discussed? | Topic, caption, session |
| What topics are discussed in a time period? | Session, caption, topic |
| What topics are discussed together? | Topic, caption, session |
| What sites discuss a topic? | Topic, caption, session, site |
| What people discuss a topic? | Topic, caption, session, person |
| Mapping where data exists | Sites |
| Mapping where a topic was discussed | Topic, caption, session, site |
| When in a session is a given topic discussed? | Session, caption, topic |
| When in a session did a given person speak? | Session, person, captions |