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I am visualizing representations of temporality because I want to understand what patterns can be revealed and how memory is affected when you redesign time for the digital medium (interactivity, materializing)

### **Time and Memory**

- History of events
  - Living or dead history
- Narrative time
  - master narratives
  - meta-narratives
- Remembering time
  - patterns
  - the particular
- Identities over time
  - Creation of identities
  - Fragmenting identities
  - Destruction of identities
  - Maintenance of identity
- Representing the quantified self over time
  - Data self over time
  - times when behaviors occur

### **Perception of Time**

- Experience of Time
  - Representation of duration
    - Digital explorations i.e. "if an hour was a pixel..."
    - real-time
    - recorded time
  - Interaction with time
    - dialogue with time
    - Making time physical; "playing with time"
    - materializing time as data
    - annotated time
- Passing of time
  - losing/devouring time
  - fading of time; irretrievability
  - temporary nature of time
- Division of time
  - Units of time
  - creation of alternative units of time?
- Use of time
  - Labor and productivity
  - reactions against time
  - reimagining the sense of time
- Synchronization
  - collaboration
- Value of time
- Repetition over time
  - connection or break with the future
- Cyclical time
- Relations to time

relation between humans and their natural environment

## **Audience**

- Design researchers
- Journalists
- Data artists
- Data scientists
- General practitioners with data

## **Data**

- Cultural data
- Image data
- Ecological data
- Narrative data
- Time-series data
- Self-tracking data

## **Questions**

- How can alternative views of temporality for datasets with images and rich metadata impact the discovery of relationships among objects and events across time?
- How can alternate views of temporality impact understanding of rhythm inherent to natural ecologies to reduce environmental carelessness?
- How does varying the temporal design of data narratives impact individual memory, collective memory, shared memory?
- What other units of time might be imagined to better understand progression of events or behaviors over time?

## **Organization of Time**

- Absolute time
  - Calendar time
  - Chronometrical time
  - Universal time
  - Time abstracted from events and nature
    - Search for objective truth
- Relative time
  - Dependent on the reference body
  - Dependent on time, space, circumstance
  - Time inseparable from lived experience
    - Process of being