Metadata for non-text media

Challenges

- For text, computer programs can pull out metadata (for example, search engines)
- For images, videos, multimedia machine-generated metadata is trickier
  - Some added during the creation process
  - Filenames can also contain metadata
  - Human-generated metadata is time-intensive

Process

- New technologies can assign machine-generated metadata to non-text media
  - Content-based image retrieval (pixel recognition)
  - Voice recognition
  - Optical character recognition (OCR) for text scanned as images
- Users can assign metadata during the publishing or storage process

Inquiry + Research = Knowledge

Model of the Information Search Process

- Task initiation: getting ready to choose a topic

- Topic selection: based on requirements

- Prefocus exploration: general research

- Focus formulation: narrowing topic

- Information collection: finding information

- Search closure: satisfactory/unsatisfactory

Information Search Process

Stage

- Task initiation
- Topic selection
- Prefocus exploration
- Focus formulation
- Information collection
- Search closure

Feelings

- Apprehension, uncertainty
- Sometimes anxiety, anticipation
- Confusion, sometimes discouraged
- Optimism, confidence
- Realization, increased interest
- Relief, satisfaction, disappointment

Exercise: Topic Selection

- Find a Wikipedia article on the subject you're thinking about for your research paper

- Identify and write down at least 2 claims or ideas that you might want to explore further in your paper

  – Can you express each of them as a question?

- Bring this to class next time so we can continue to brainstorm your research topic and question