Redesigning the Photo Album

Midpoint Presentation

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Problem/Motivation

Advancements in digital photo technology have allowed users to take an increasing number of photos. As the quantity of photos taken has risen, the means of organization has stayed relatively the same: the photo album

Project Goals

- Minimize amount of time to find a photo
- Allow interesting patterns to emerge through photo organization
- Minimize reliance on data preparation
- Create an experience that users rate:
  - Efficient
  - Enjoyable
  - Intuitive

User Study Findings

WITHOUT ORGANIZATION

1. Import photos into folders organized by date
2. Search conducted by estimating date followed by visual traversal

WITH ORGANIZATION

1. Organize photos in event folders "Tahoe Trip 08"; individual folders organized roughly by date
2. Search conducted by starting with date approximation, and finding specific event

User Study Findings

ONLINE BEHAVIOR

1. Organization and search of personal photos is still conducted similar to offline

2. People use "similar" and "related" tags to explore photos of others

People did not have the knowledge of their metadata that they could just tag search for their photos – too haphazard

Application to Project

- Finding photos is not as much of a search form as a holistic navigation
- Should stay within people's preferred search of **time + event keyword**

Data Set

- Flickr API chosen to limit amount of data prepping
- Each photo data item has an associated:
  - Tag list
  - Dates: Added and taken
  - Sets the photo belongs to
  - Some geodata