COLLABORATIVE WEB EXPERIENCE TRACKING

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Motivation

• Current navigation tools for web browsing are confusing
  • Browser History Tab
  • Users still encounter issues trying to find past visited websites

• Is there a way to visualize your browsing workflow?

• There is no way to share your web experience with others
  • Share a link or screen share
  • We want you to be able to share your workflow
Background

Link Sharing
Bit.ly
Tiny URL

Content Sharing
Digg
Reddit

Browser History Visualizations

Visual History (Chrome)

History Tree (Firefox)
Related Works

• Time-line based
  • isoBrowser, Rolling History

• Visual Map/Tree for Browsing
  • NaVir, Footprints, PadPrints

• 3D Visualizations
  • WebPath, Yamaguchi et al

• Browsing Advisors
  • Case-based: Broadway, Radix, Hypercase
  • Behavior-based: Letizia, WebWatcher, Yan et al

• Current Implemented Approaches
  • Browsing History List, Multitabs
Description

- Collaborative Web Experience Tracking
- Visualize your web browsing history
- Sharing
  - Share your browsing experience with others
  - Explore someone’s else browsing history
- Dynamic
  - Nodes dynamically appear as you continue to browse
Storyboards

History view

Graph Detail

Explore View
10:31: Facebook, CNN, BBC
# browsing, #casual

# research

10:45: Reddit Imour
10:31: Facebook, CNN, BBC

#browsing, #casual,
#1: Wow, this photo is awesome :)  
#2: Can't believe she had a baby!  
#3: This icon that Facebook uses is very pretty.

+ Add your own annotation
Progress

- DEMO
Milestones

- Basic node-graph/Explore View 11.18
- Backend
  - Experience crawler 11.24
  - Server 11.24
- Connect pieces 11.25
- Graph View 11.27
- User Testing 12.1
- Paper 12.5