Memento Web Services

Martin Klein
@mart1nkle1n

Herbert Van de Sompel
Harihar Shankar
Lyudmila Balakireva

Los Alamos National Laboratory

http://mementoweb.org  #memento
Motivation

• Extensive Memento infrastructure exists
  • Compliant archives (Internet Archive, UK web archive, archive.today, etc)
  • Proxies for non-compliant systems
  • Memento for MediaWiki systems
  • Memento aggregator
• Client needed to see it all work (Memento for Chrome, mcurl)
• To increase visibility of Memento and its infrastructure
  → develop web-based services
Memento Web Services

1. **Memento** (redirect service)
2. **List** (Memento search service)
3. **Map** (Memento TimeMap service)
Memento Web Services

1. Memento (redirect service)

2. List (Memento search service)

3. Map (Memento TimeMap service)
we provide


original URI

year

month

day

time
Memento Web Services

1. **Memento** (redirect service)

2. **List** (Memento search service)

3. **Map** (Memento TimeMap service)
http://digitalpreservation.gov/

2012-03-17 21:55:04

Time Travel   I'm Feeling Nostalgic
http://digitalpreservation.gov/

2012-03-17 21:55:04
This is the home of the National Digital Stewardship Alliance, Digital Preservation Outreach and Education and the National Digital Information Infrastructure and Preservation Program.

National Digital Stewardship Alliance

An initiative of the National Digital Information Infrastructure and Preservation Program, NDSA members work together to make a sustained contribution to digital stewardship.

Read about the NDSA »

Preserving Your Digital Memories

Just as libraries are preserving the nation's digital memory, individuals need to take steps to preserve their own digital memories. Here are some tips on what you can do.

View the tips »


2011-05-04 20:48:05 [Internet Archive]

Previous Memento: data not provided   Next Memento: 2011-08-03 10:09:26

All captures from Internet Archive between 2010 and 2014

2012-02-05 05:40:23 [Archive-It]

Previous Memento: data not provided   Next Memento: 2012-03-05 02:47:26

All captures from Archive-It between 2012 and 2014
Georgetown is a neighborhood located in the Northwest quadrant of Washington, D.C., along the Potomac River waterfront. Founded in 1751, the city of Georgetown substantially predated the establishment of the city of Washington and the District of Columbia. Georgetown retained its separate municipal status until 1871, when its city charter was revoked by the United States Congress. A separate law in 1895 specifically repealed Georgetown's remaining local ordinances and renamed Georgetown's streets to conform with those in the city of Washington. Today, the primary commercial corridors of Georgetown are M Street and Wisconsin Avenue, which contain high-end shops, bars, and restaurants. Georgetown is home to the main campus of Georgetown University and numerous landmarks, such as the Old Stone House, the oldest standing building in Washington. The embassies of France, Mongolia, Sweden, Thailand, and Ukraine are located in Georgetown.
Memento Experiment

Experiment conducted in the course of September and October 2009 by:

Los Alamos National Laboratory, Research Library, Prototyping Team: Lyudmila Balakireva, Robert Sanderson, Harihar Shankar, Herbert Van de Sompel

Old Dominion University, Computer Science Department: Scott Ainsworth, Michael Nelson

The Memento project researches new ideas related to Web Archiving, focusing on the integration of Web Archives in regular Web navigation.

This Memento experiment is supported by the Library of Congress under the National Digital Information Infrastructure and Preservation Program. Visit the Digital Preservation site for more information about the Program.

The HTML for this page was last modified on 2014-07-21 00:00:01 UTC
Sanderson, Harihar Shankar, Herbert Van de Sompel

Old Dominion University, Computer Science Department: Scott Ainsworth, Michael Nelson

The Memento project researches new ideas related to Web Archiving, focusing on the integration of Web Archives in regular Web navigation.

This Memento experiment is supported by the Library of Congress under the National Digital Information Infrastructure and Preservation Program. Visit the Digital Preservation site for more information about the Program.

The HTML for this page was last modified on 2014-07-21 00:00:01 UTC
This version was active between 2012-07-23 12:00:02 and 2012-07-24 00:00:02.

All captures from Internet Archive between 2009 and 2014

All captures from archive.today between 2012 and 2012
The Memento project researches new ideas related to Web Archiving, focusing on the integration of Web Archives in regular Web navigation.

This Memento experiment is supported by the Library of Congress under the National Digital Information Infrastructure and Preservation Program. Visit the Digital Preservation site for more information about the Program.
Sanderson, Harihar Shankar, Herbert Van de Sompel

Old Dominion University, Computer Science Department: Scott Ainsworth, Michael Nelson

The Memento project researches new ideas related to Web Archiving, focusing on the integration of Web Archives in regular Web navigation.

This Memento experiment is supported by the Library of Congress under the National Digital Information Infrastructure and Preservation Program. Visit the Digital Preservation site for more information about the Program.
Sanderson, Harihar Shankar, Herbert Van de Sompel

Old Dominion University, Computer Science Department: Scott Ainsworth, Michael Nelson

The Memento project researches new ideas related to Web Archiving, focusing on the integration of Web Archives in regular Web navigation.

This Memento experiment is supported by the Library of Congress under the National Digital Information Infrastructure and Preservation Program. Visit the Digital Preservation site for more information about the Program.
Sanderson, Harihar Shankar, Herbert Van de Sompel

Old Dominion University, Computer Science Department: Scott Ainsworth, Michael Nelson

The Memento project researches new ideas related to Web Archiving, focusing on the integration of Web Archives in regular Web navigation.

This Memento experiment is supported by the Library of Congress under the National Digital Information Infrastructure and Preservation Program. Visit the Digital Preservation site for more information about the Program.

The HTML for this page was last modified on 2014-07-21 00:00:01 UTC
The Memento project researches new ideas related to Web Archiving, focusing on the integration of Web Archives in regular Web navigation.

This Memento experiment is supported by the Library of Congress under the National Digital Information Infrastructure and Preservation Program. Visit the Digital Preservation site for more information about the Program.

The HTML for this page was last modified on 2012-07-23 12:00:01 UTC

http://mementoweb.org  #memento