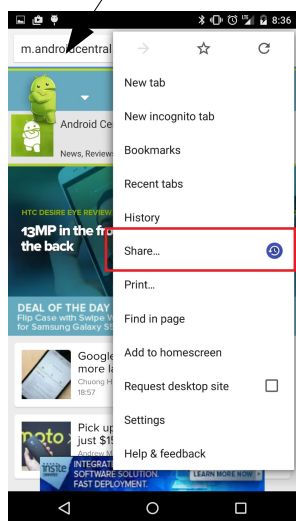


Mobile Mink: Merging Mobile and Desktop Archived Webs

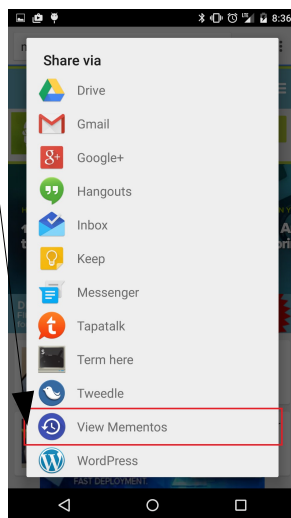


Wesley Jordan, Mat Kelly, Justin F. Brunelle, Laura Vobrak, Michele C. Weigle, Michael L. Nelson

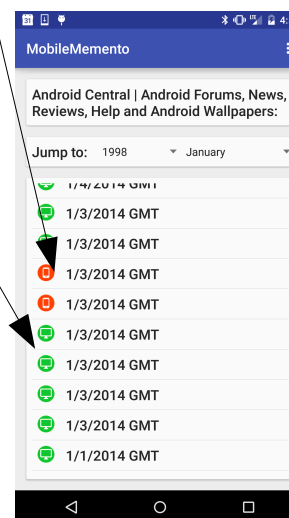
Navigate to a URI-R
Select the "share" menu, and Mobile Mink discovers mobile or desktop versions of the resource.



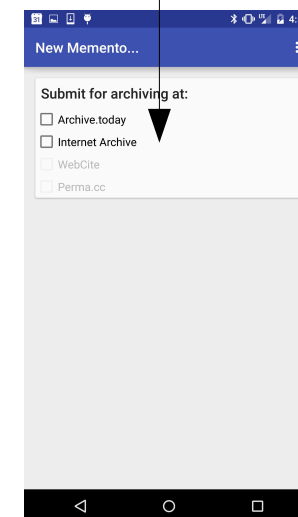
Ask for an aggregated TimeMap,
Giving the user a TimeMap of
merged URI-Ms from the desktop
and mobile webs.



Note that the TimeMap is merged,
providing a way to easily select
mobile or desktop mementos.



Mobile Mink allows users to request the Internet Archive's Save Page Now or Archive.today create a memento of both the desktop and mobile resources with a single click, helping to increase the archival coverage of the mobile web.



Purpose and Contributions

This work supported in part by the NEH HK-50181. This work was performed as part of Wesley Jordan's mentorship at The MITRE Corporation. The author's affiliation with The MITRE Corporation is provided for identification purposes only, and is not intended to convey or imply MITRE's concurrence with, or support for, the positions, opinions or viewpoints expressed by the author.

This work supported in part by the NEH HK-50181. This work was performed as part of Wesley Jordan's mentorship at The MITRE Corporation. The author's affiliation with The MITRE Corporation is provided for identification purposes only, and is not intended to convey or imply MITRE's concurrence with, or support for, the positions, opinions or viewpoints expressed by the author.

This work supported in part by the NEH HK-50181. This work was performed as part of Wesley Jordan's mentorship at The MITRE Corporation. The author's affiliation with The MITRE Corporation is provided for identification purposes only, and is not intended to convey or imply MITRE's concurrence with, or support for, the positions, opinions or viewpoints expressed by the author.

Acknowledgements and References

This work supported in part by the NEH HK-50181. This work was performed as part of Wesley Jordan's mentorship at The MITRE Corporation. The author's affiliation with The MITRE Corporation is provided for identification purposes only, and is not intended to convey or imply MITRE's concurrence with, or support for, the positions, opinions or viewpoints expressed by the author.

A. Jindal, C. Crutchfield, S. Goel, R. Kolluri, and R. Jain. The mobile web is structurally different. In INFOCOM Workshops 2008, IEEE, pages 1–6, 2008.

M. Kelly, J. F. Brunelle, M. C. Weigle, and M. L. Nelson. A method for identifying dynamic representations in the archives. D-Lib Magazine, 19(11/12), November/December 2013.

M. Kelly, M. L. Nelson, and M. C. Weigle. Mink: Integrating the Live and Archived Web Viewing Experience Using Web Browsers and Memento. In DL '14, September 2014.

A. Rossi. Fixing Broken Links on the Internet. <https://blog.archive.org/2013/10/25/fixing-broken-links/>, 2013.

F. McCown, M. Yarbrough, and K. Enlow. Tools for discovering and archiving the mobile web. D-Lib Magazine, 21(3/4), March/April 2015.

R. Schneider and F. McCown. First Steps in Archiving the Mobile Web: Automated Discovery of Mobile Websites. In JCDL '13, pages 53–56, 2013.

H. Van de Sompel, M. L. Nelson, R. Sanderson, L. L. Balakireva, S. Ainsworth, and H. Shankar. Memento: Time Travel for the Web. Technical Report ArXiv:0911.1112, 2009.

B. V. Wakode, D. N. Choudhari, and V. M. Thakare. Accessing Web Content on Mobile Devices: Relevance, State of the Art and Future Direction. International Journal of Computer Science & Applications (TIJCSA), 1(4):16–21, 2012.