User Tracking on E-resource Platforms

Cody Hanson @codyh codyhanson@umn.edu Eresources Minnesota, Oct. 4, 2019

BIWACY

ALA Code of Ethics

III. We protect each library user's right to privacy and confidentiality with respect to information sought or received and resources consulted, borrowed, acquired or transmitted.



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Opinion | THE PRIVACY PROJECT

This Article Is Spying on You

The same news organizations that do a great job of reporting on privacy problems — have privacy problems.

By Timothy Libert

Mr. Libert is a faculty member in computer science at Carnegie Mellon University.

Sept. 18, 2019















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Sensitive Personal and Financial Data of What's Likely an Entire Country Leaked Online

By ELLIOT HANNON

SEPT 17, 2019 + 7:15 AM









NOT GREAT





"Many shoppers purchase soap and cotton balls, but when someone suddenly starts buying lots of scent-free soap and extra-big bags of cotton balls, in addition to hand sanitizers and washcloths, it signals they could be getting close to their delivery date."





JUNE 6, 2016 BY KELLI BURNS

Is Facebook listening?

To be honest, I don't know if Facebook is listening. At the request of a local television station, I shared my expertise **about a story** they wanted to cover. Although I know that Facebook is tracking what you do on your phone, I can't confirm or deny that they are listening. And one small demonstration isn't going to tell you that.





Add a short bio to tell people more about yourself.

Add Bio













Showcase what's important to you by adding photos, pages, groups and more to your featured section on your public profile.

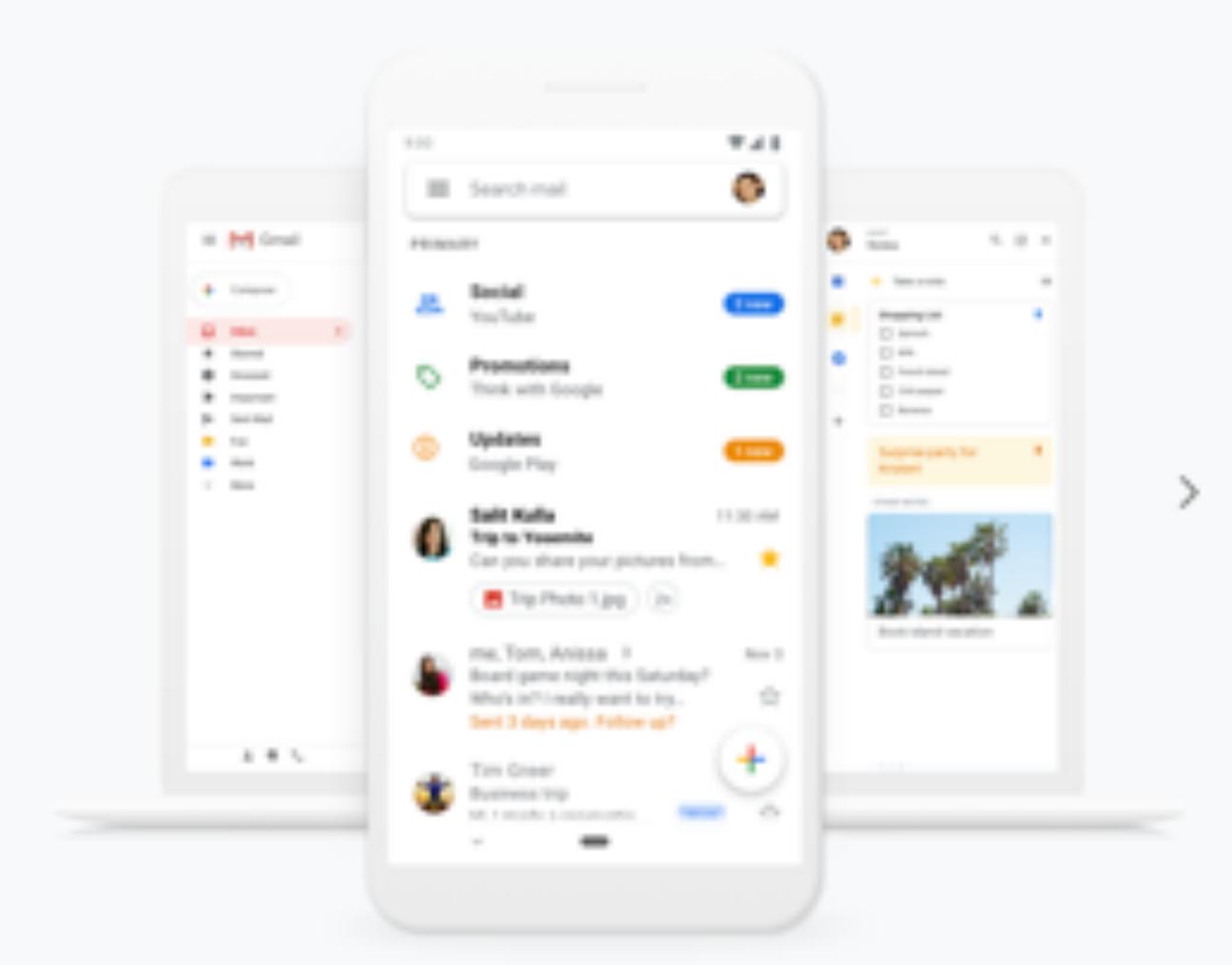
Add to Featured

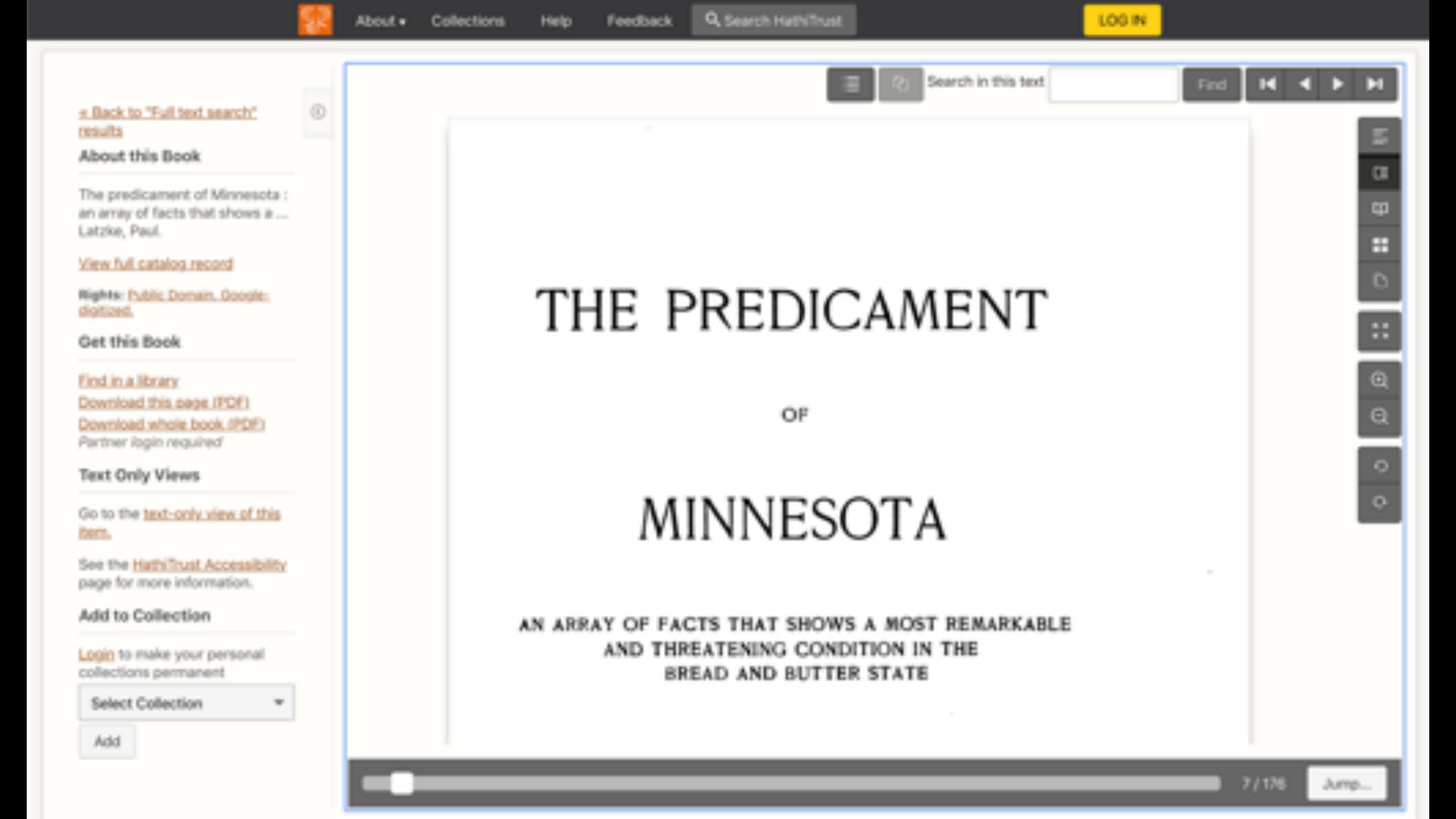


Get more done with Gmail

Now more secure, smarter and easier to use—helping you save time and do more with your inbox.

Create an account







Overview

Rigorous testing

Help creators

Maximize access

Our mission

From the beginning, our mission has been to organize the world's information and make it universally accessible and useful. Today, people around the world turn to Search to find information, learn about topics of interest, and make important decisions. We consider it a privilege to be able to help. As technology continues to evolve, our commitment will always be the same: helping everyone find the information they need.

"I'm afraid that what you heard was 'a lot of information."

"What I said was, THE WORLD'S INFORMATION."

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Email Address Password Show password Keep me signed in. (I) Sign In By continuing you agree to our Terms and Conditions, our Privacy. Policy, and the My Best Buy" Program Terms. Forgot your password? Reset it. Sign In with Your Google Account We'll never post anything without your permission. Sign in with Google

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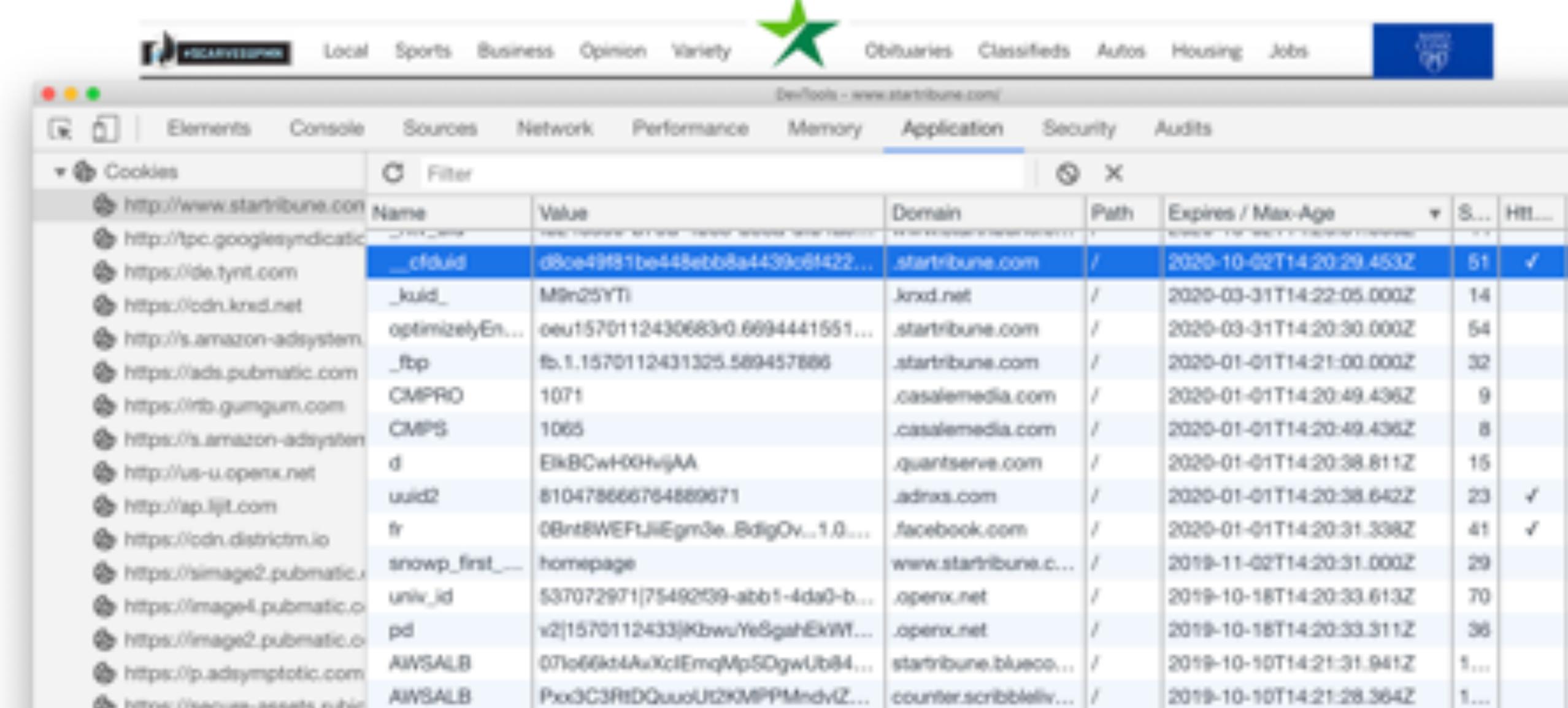




https://secure-assets.rubic

StarTribune







PANOPTICLICK₃₀

Is your browser safe against tracking?

How well are you protected against non-consensual Web tracking? After analyzing your browser and add-ons, the answer is ...

Yes! You have strong protection against Web tracking, though your software isn't checking for Do Not Track policies.

Help us defend the Web against tracking:

PANOPTICLICK₃₀

Your browser fingerprint appears to be unique among the 231,207 tested in the past 45 days.

Currently, we estimate that your browser has a fingerprint that conveys at least 17.82 bits of identifying information.

The measurements we used to obtain this result are listed below. You can read more about our methodology, statistical results, and some defenses against fingerprinting here.

NOT ENOUGH



Add your contacts to see who you already know on LinkedIn



We'll periodically import and store your contacts to suggest connections and show you updates about your contacts. You can turn off the sync and manage your contacts. You choose who to connect to and who to invite. Learn more

Sync my contacts

Skip for now

IP address

Browser fingerprint

Account info

Cookie data

Browsing history

Contact info

Shadow profile

NOT ENOUGH

Identity

Solutions -

Industries

Clients

Partners |

Resources - Blog -

Resources & Tools

Target the Right Customers Using the Right Data

The more you know about your customers the more impactful your marketing can be. And in today's connected world where consumers move rapidly across devices and touchpoints, having the wrong data will not only produce a bad experience, it can put you and your organization at risk. It's time to stop guessing and start knowing with accurate and verified customer identity data.

Neustar's Customer Identity File gives you access to the most accurate and complete name, address and phone data available. Over 150 million USPS Delivery Point Validation (DPV®) households - compiled, verified, and enhanced with 450+ fields of demographic, behavioral, financial, property, segmentation and geographic attributes. Whether you are sitting on mountains of customer data or looking to build your own repository from scratch, Neustar gives you the power of true consumer intelligence.

Benefits

UNCOVER GREATER INSIGHTS

Obtain a complete consumer profile of all U.S. households with their names, addresses, phone numbers, demographics, and more! Gain a more complete understanding of your existing customers to deliver a better experience for retention.

Trait Storage	Trait ID Name	
	Trait ID Name	
	74624 Age 20 - 29	
Audience Traits # I CRM	74625 Age 30 - 39	
III Demographic + / x III Gender	74627 Age 40 - 49	
Platform R Products	4056508 Age 50+	
Purchases Social Subscription	74621 Income - \$100,000 to 124,999	
Campaigns Channels	74622 Income - \$125,000 to \$149,999	
Company - LF Customer Onsite	74623 Income - \$150,000+	
Ootion A		

The Oracle ID Graph "ingests massive amounts of IDs across cookies, login, HH [household], email, and mobile ad IDs…"

"The Oracle ID Graph can reach over 90% of people online in the US and in markets that matter internationally..."



Home

News.

Company Info

Directory

Media Gallery

Inside Feed

Public Policy

Investor Relations

May 21, 2014

A New, Optional Way to Share and Discover Music, TV and Movies

Contact Us

press@fb.com

Categories

When writing a status update – if you choose to turn the feature on – you'll have the option to use your phone's microphone to identify what song is playing or what show or movie is on TV.



Safety & Well-Being Social Impact



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E-RESOURCES

E-RESOURCES ARE WEBSITES

User Tracking on Academic Publisher Platforms

Cody Hanson @codyh codyhanson@umn.edu

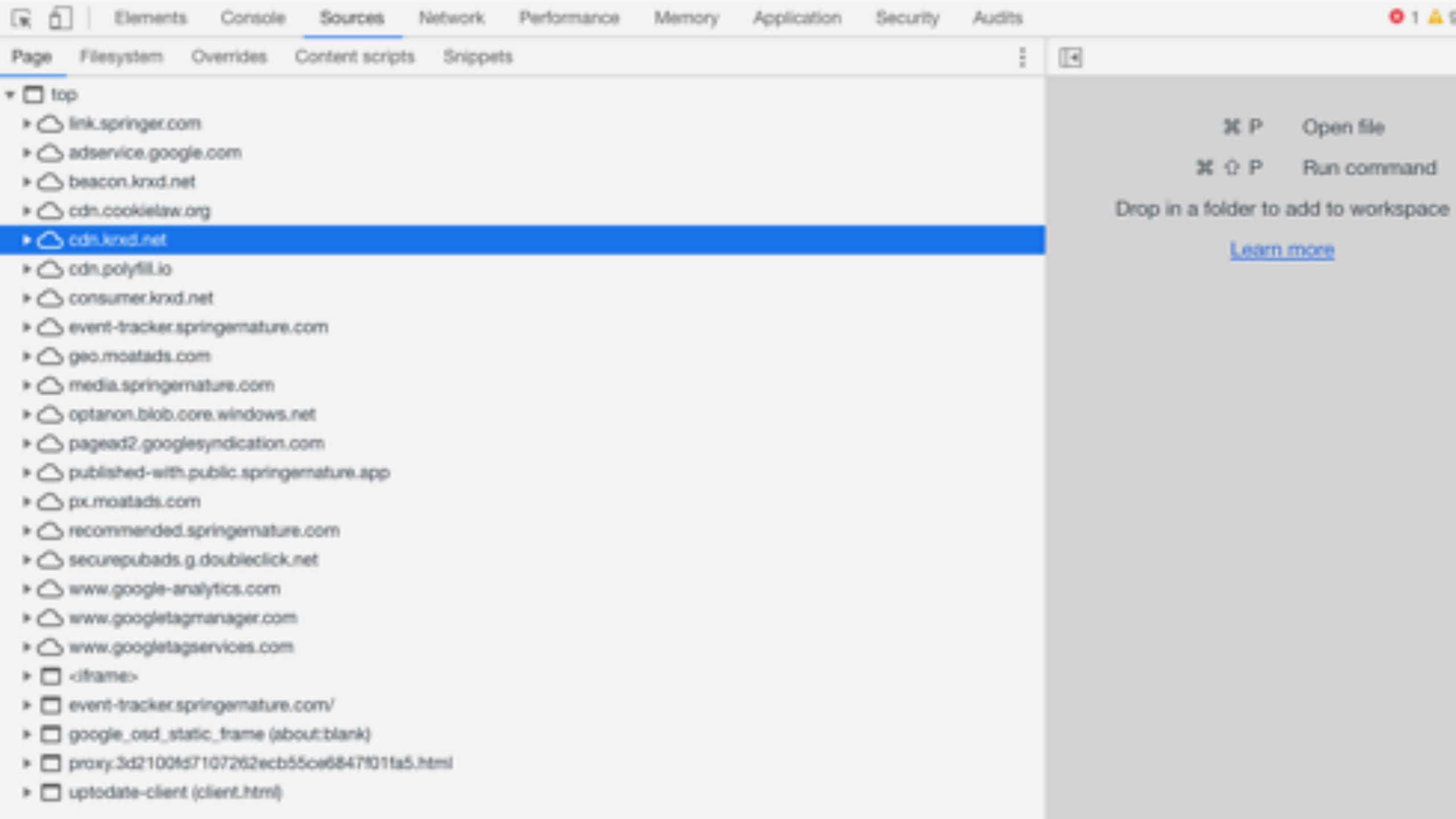
Prepared for the Coalition for Networked Information Spring 2019 Member Meeting, April 8-9, 2019, St. Louis, Missouri. Slides | Video (YouTube)

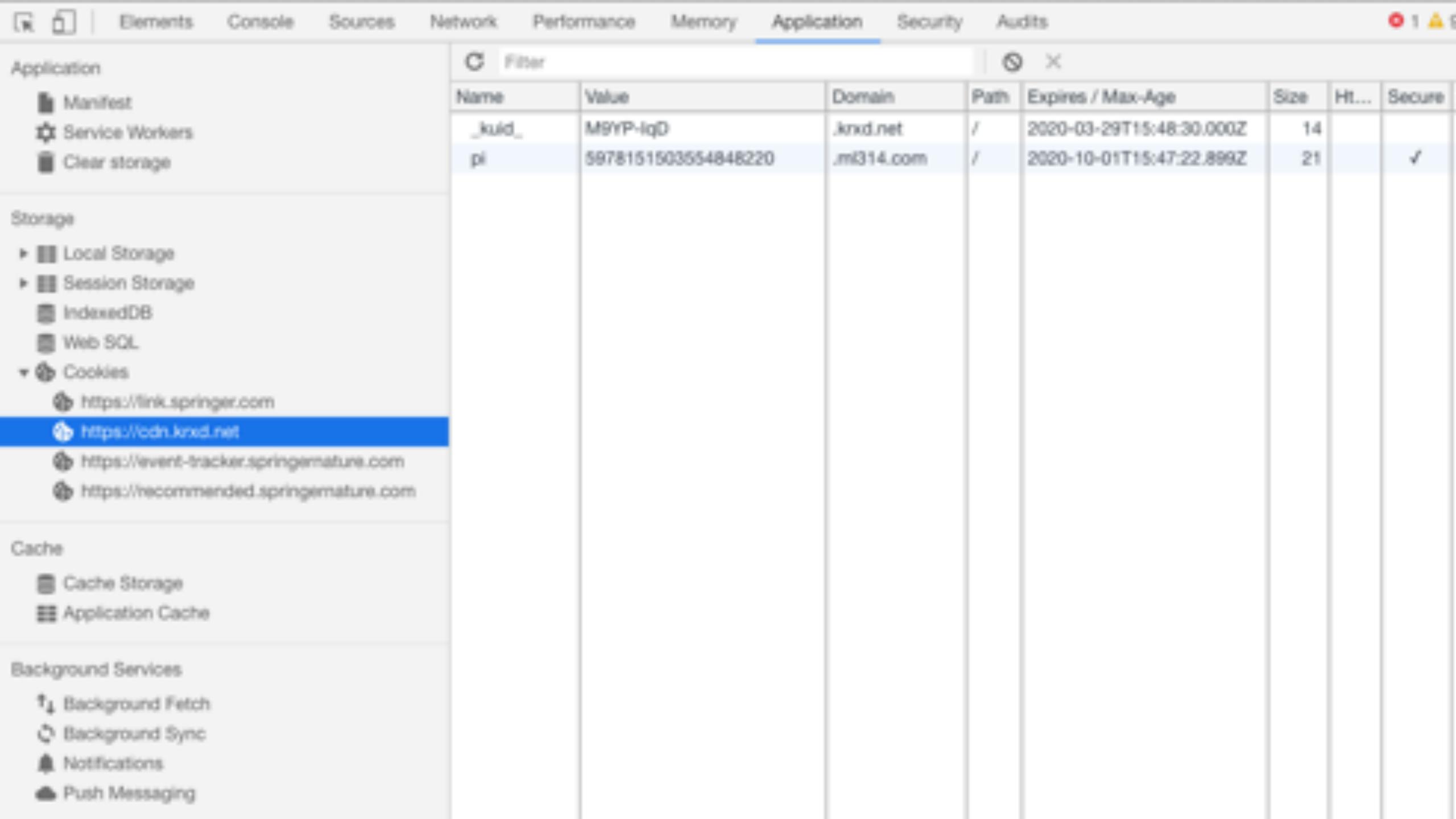
I studied the page source from fifteen different publisher platform sites and found that publishers of library resources use technology on their platforms that actively undermine patron privacy. This advertising and marketing technology makes it impossible to ensure that the use of electronic library resources can be private.

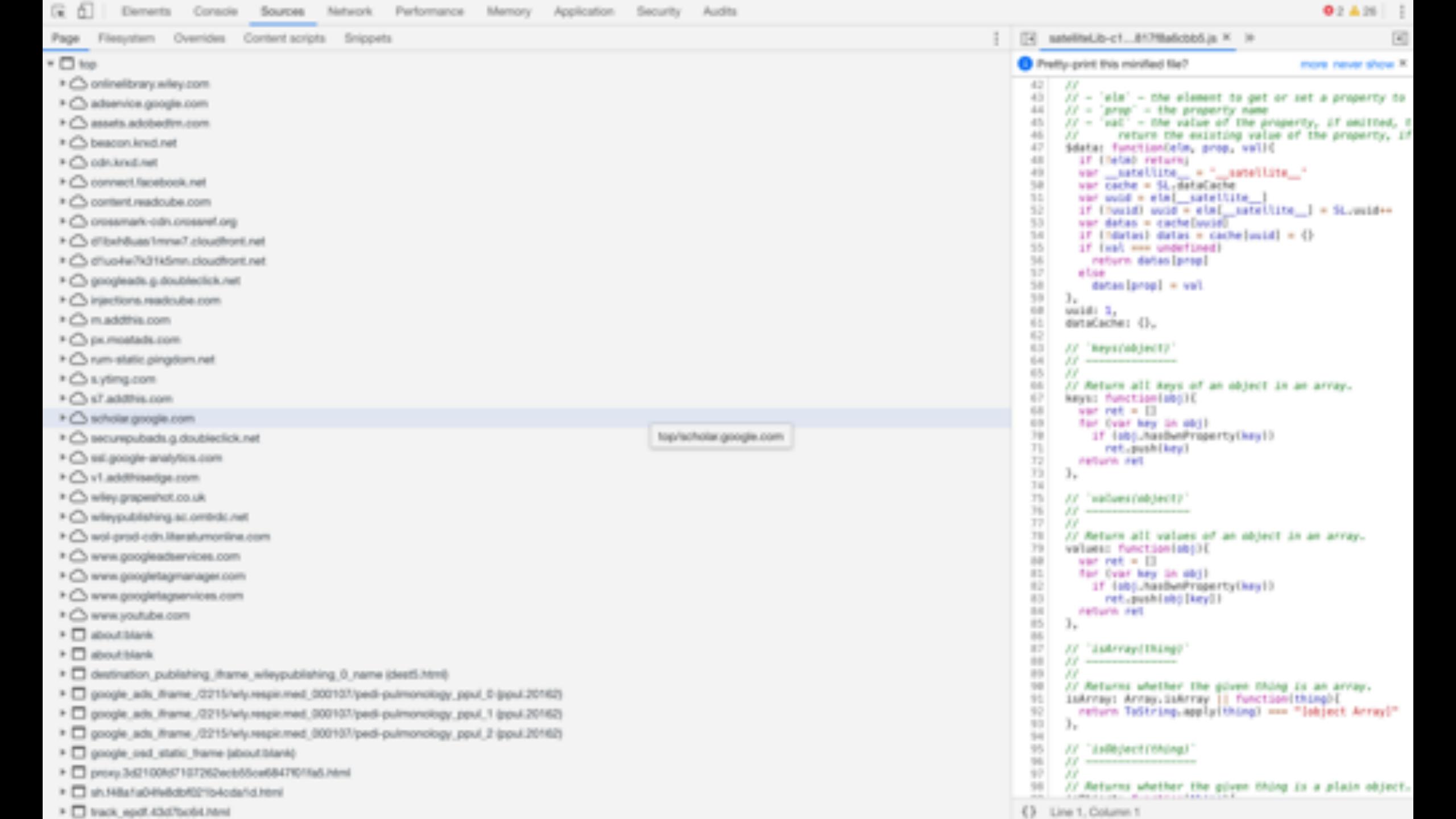
https://www.doi.org/ 10.3758/BF03208840

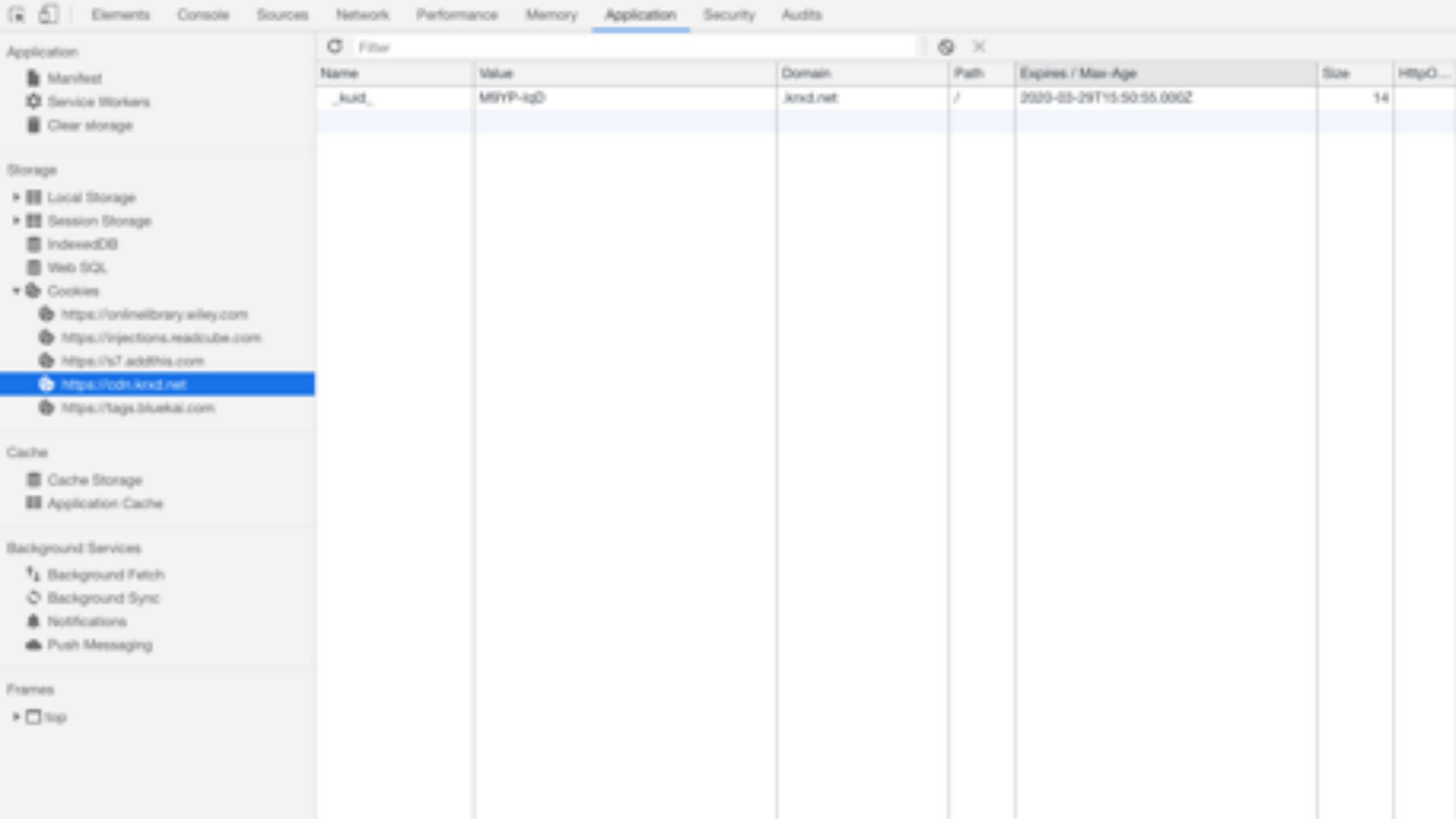
https://www.doi.org/ 10.1002/ppul.20162

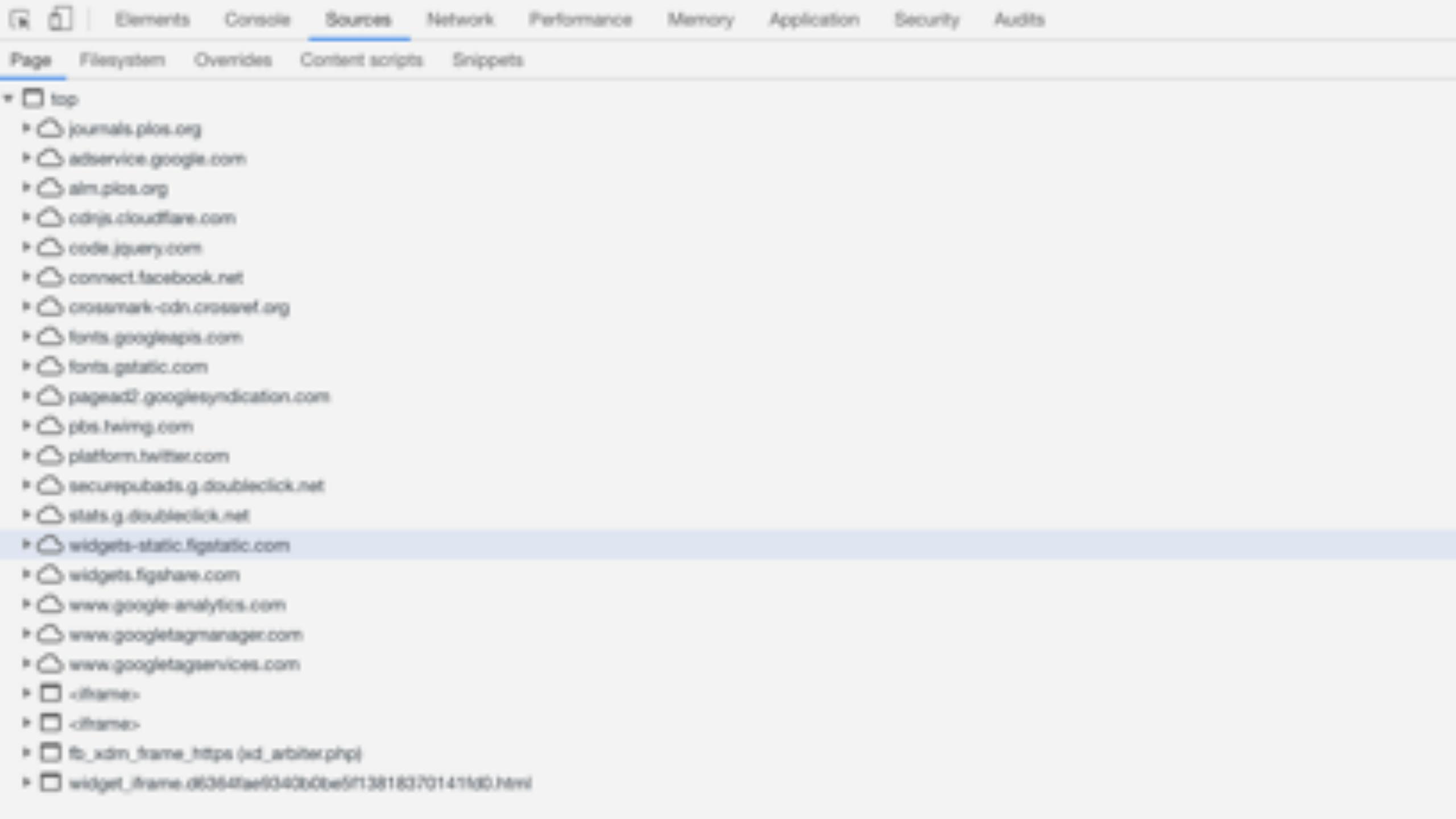
https://www.doi.org/ 10.1371/ journal.pone.0177388

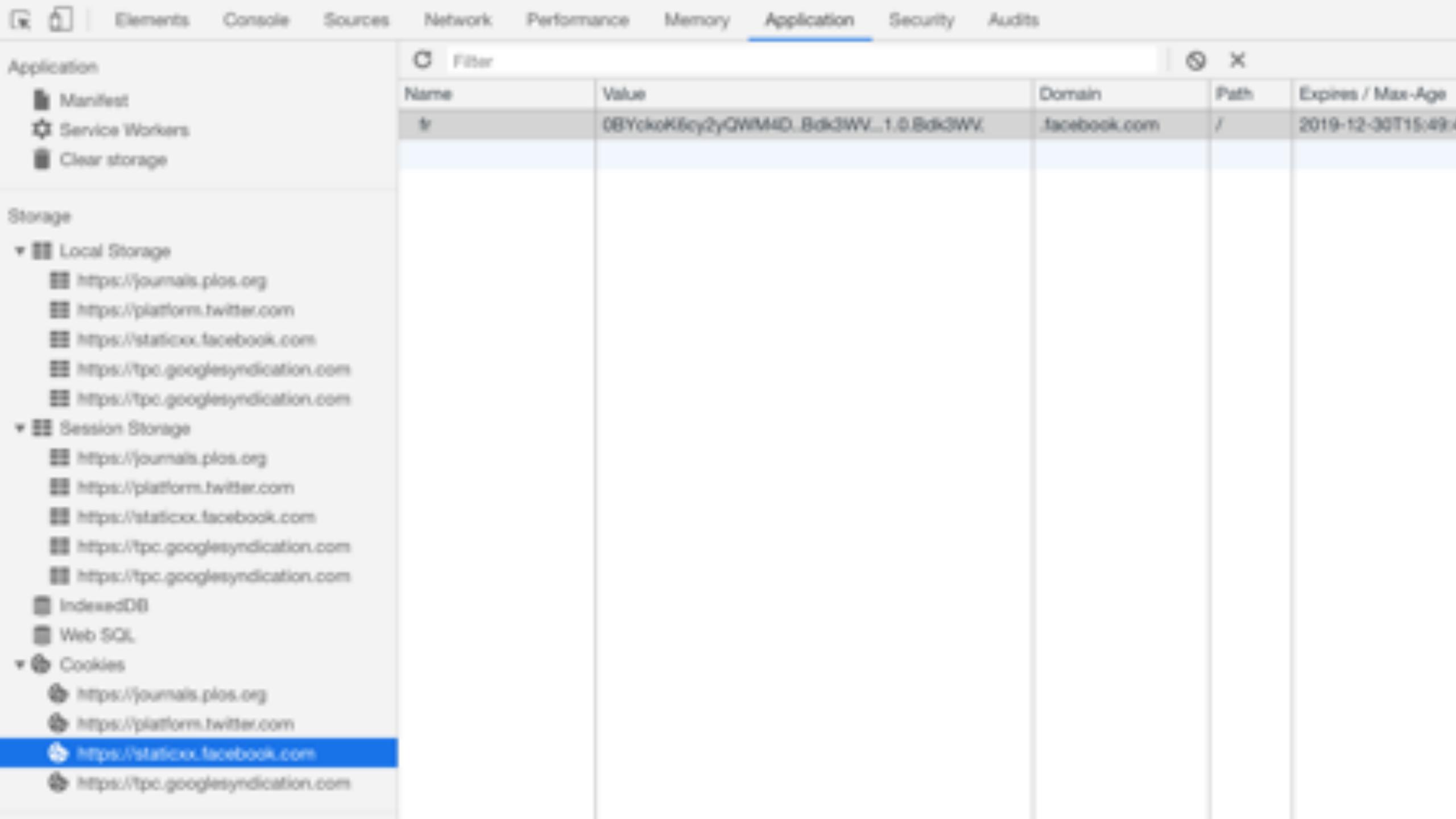












On average, each platform had 18 thirdparty assets loaded on their article page

- Median was 10
- One had none
- One had over 100
- A total of 139 distinct third-parties across the 15 platforms

Four of fifteen had Facebook code.

Four of fifteen had Neustar code.

Four of fifteen had Oracle Marketing Cloud code.

Fourteen of fifteen had Google code.

Eleven of fifteen had AddThis code.

Eleven of fifteen had AddThis code.

Which shares data with Neustar, Adobe, Oracle, Google, and two dozen others.

SPARCH

Landscape Analysis

The Changing Academic Publishing Industry – Implications for Academic Institutions "Academic publishing is undergoing a major transition as some of its leaders are moving from a contentprovision to a data analytics ousiness.

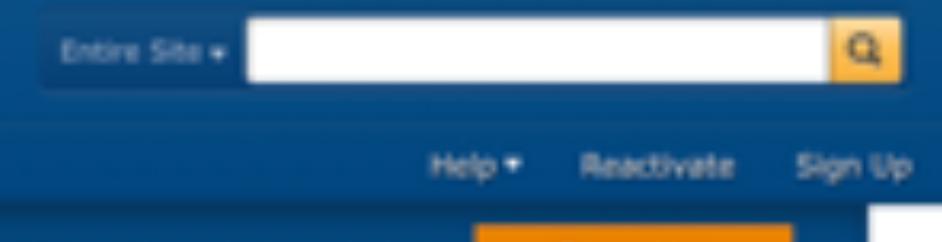
"Data about students, faculty, research outputs, institutional productivity, and more has, potentially, enormous competitive Value."

"...but its capture and use could significantly reduce institutions' and scholars' rights to their data and related intellectual property." "A set of companies is moving aggressively to capitalize on this data, often by exploiting the decentralized nature of academic institutions. II



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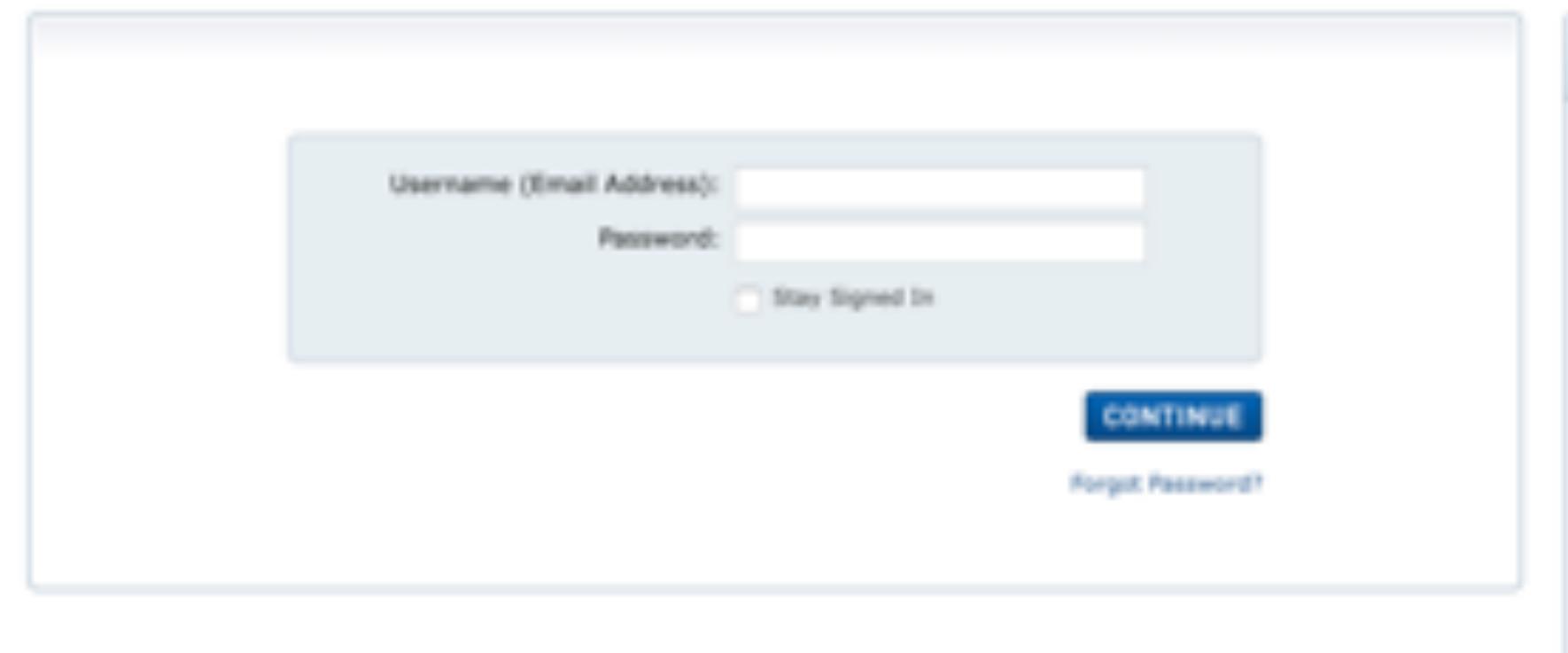
Safari



Safari is a digital library previding on-demand subscription access to thousands of learning resources.

Sign in

Sign In



Not a Subscriber?	
START A FREE TRIAL ***	
OR	
SUBSCRIBE NOW **	
can browse Safari Books Onlection of books as an anonym r. Your view of our content wi mited preview mode.	ine's lous Il be in

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Special policies

Conduct policies

Workplace and sponsored conference conduct

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Photography in Library buildings

Guidelines to counsel & researchers seeking discovery from Stanford University Libraries

Statement on Patron Privacy and Database Access

Statement on Patron Privacy and Database Access

Many leading providers of digital content to libraries in North America are changing the way they provide access to library patrons. Instead of allowing anonymous access via well-established channels, these providers are increasingly seeking personally identifiable, individual patron data. Often these efforts to gather more patron data are bundled into efforts to "enhance" or modernize platforms as the sector moves towards single sign on, and away from traditional, IP-based access. The providers have many possible drivers to gather this data: personalization, analytics, marketing, et al.

This approach is unacceptable.

Safeguarding patron privacy is a fundamental and longstanding value for libraries. The ALA Code of Ethics declares that "we protect each library user's right to privacy and confidentiality". This includes their personal data, the subjects of their research, and the information resources they consult. Indeed, readers make an assumption of privacy when they choose to use resources provided through their libraries rather than those available to them on the open internet, where they expect their reading and searching habits to be tracked.

Privacy and confidentiality are integral to intellectual freedom, to free speech, and to free association. The prospect of monitoring and data mining may have a chilling effect on what a patron searches for, reads, and ultimately, thinks. This is why many states explicitly prohibit disclosing the use of library materials by individuals, including electronic materials (see, for example, New Hampshire Revised Statutes Annotated, Chapter 201-D:11: "... including records of materials that have been viewed or stored in electronic form.") Our library patrons therefore have an expectation of privacy, whether for intellectual freedom, or simply "the right to be left alone—the most comprehensive of

"Many leading providers of digital content to libraries in North America are changing the way they provide access to library patrons. Instead of allowing anonymous access via well-established channels, these providers are increasingly seeking personally identifiable, individual patron data."

"This approach is unacceptable."

"As research libraries, we do not sell patron data. We do not share it. We object to, and reject, subscription agreements that silently expose it to third-party interests, whether they be commercial or governmental."

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Technologies of Surveillance Group Advocacy Action Plan

Eliza Bettinger, Mahrya Burnett, Michelle Gibeault, Yasmeen Shorish, Paige Walker

September 2019



Reader Privacy: The New Shape of the Threat

Clifford A. Lynch, Executive Director, Coalition for Networked Information

Introduction

This essay briefly summarizes the current range of threats to reader privacy and makes some high-level suggestions that research library leadership might consider to address them. It is not comprehensive, and does not go into much technical detail; those interested in a place to start might see my paper "The Rise of Reading Analytics and the Emerging Calculus of Reader Privacy in the Digital World," keeping in mind that it's now two years out of date.

Thanks!

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