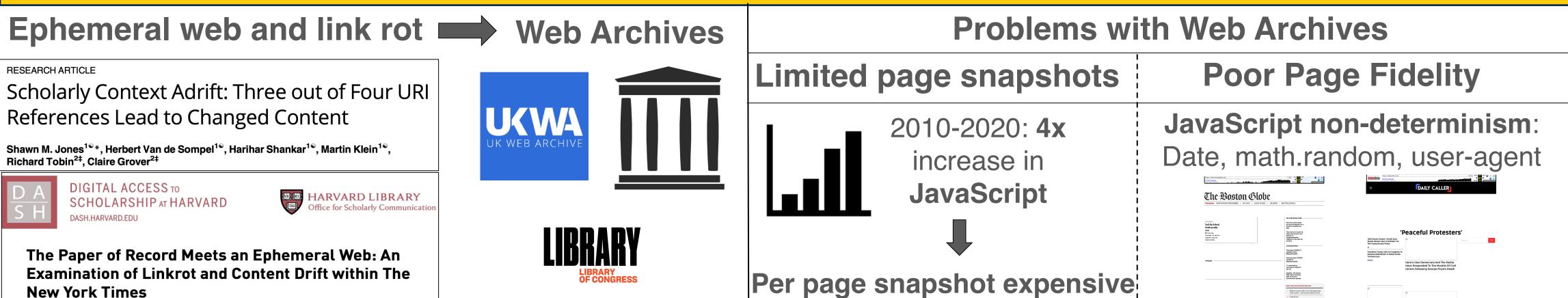
Jawa: Web Archival in the Era of JavaScript



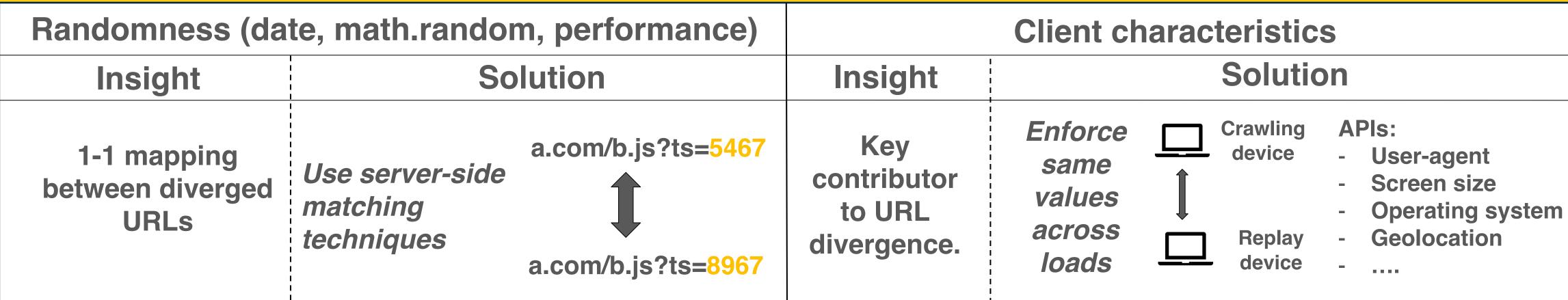
Ayush Goel, Jingyuan Zhu, Ravi Netravali, and Harsha V. Madhyastha



Objective: High fidelity and low cost web archive



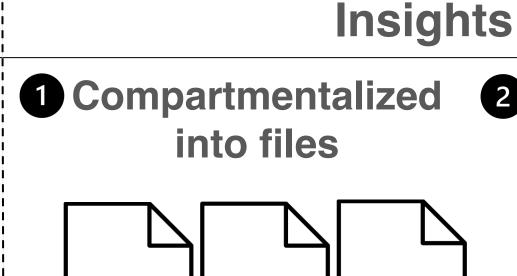
Improve fidelity: Fix sources of JavaScript variation



Reduce storage overhead: Remove non-functional code No back-end origin server

Remove code that interacts with back-end server





Header.js | | login.js



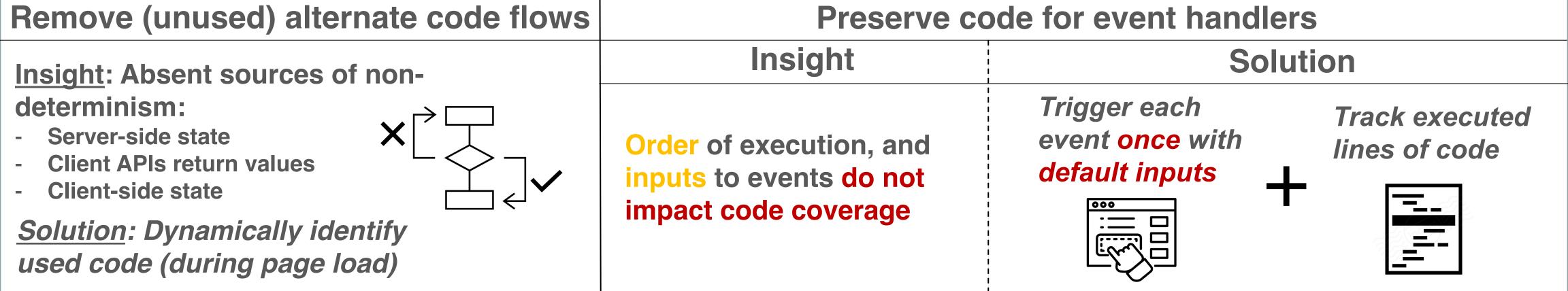
Filter list to identify URLs of non-functional scripts

Rules: "cdn.onesignal.com" "cdn.pushly.com"

"cdn.parsley.com"

Solution

Reduce storage overhead: Remove unused code



Results

