



#### STANFORD UNIVERSITY LIBRARIES

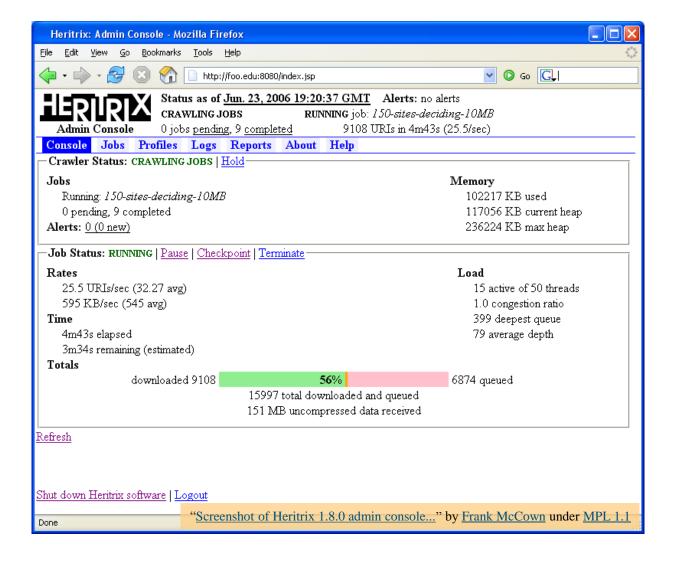
# Interoperability and Technical Collaboration for Web and Social Media Archiving

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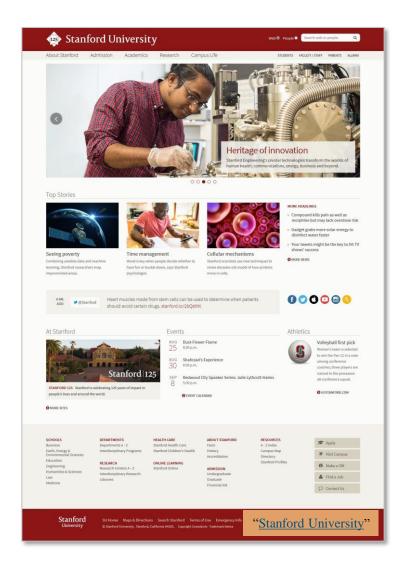


#### Heritrix archival crawler





#### Heritrix is great for archiving the Web





## ...of ten years ago





## newer capture approaches

#### headless browsers

 to prospect content only apparent by executing JavaScript

#### archiving proxies

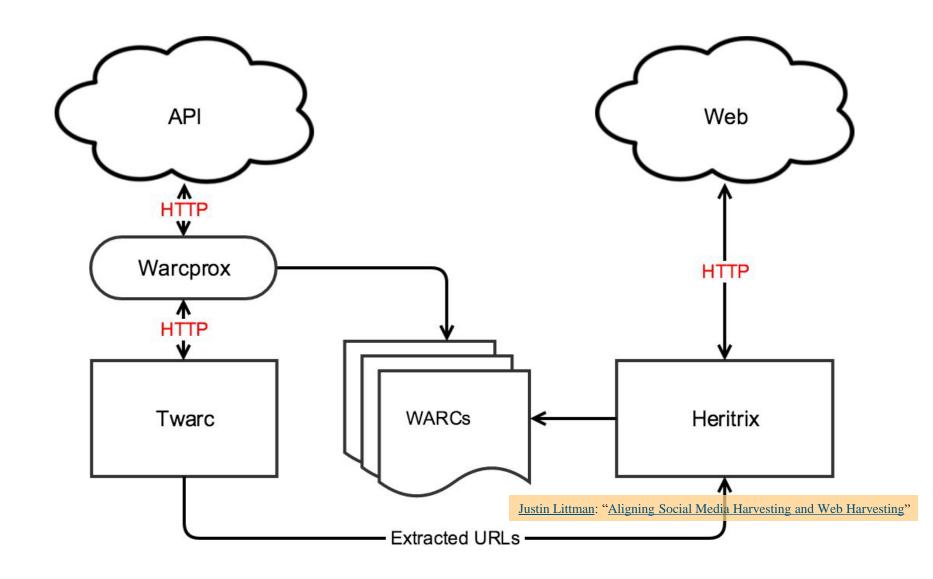
 to enable more, and more specialized, capture tools to write to WARC

#### leveraging APIs

 to more reliably collect higher-fidelity data from major social media services



### WARC in Social Feed Manager





### web archiving system APIs (WASAPI)

#### National Digital Platform Projects funded in August 2015

Systems Interoperability and Collaborative Development for Web Archiving

(LG-71-15-0174-15): The Internet Archive, working with partner organizations University of North Texas, Rutgers University, and Stanford University Library will undertake a two-year research project to explore techniques that can expand national web archiving capacity in several areas.













# technical architectures to facilitate contributions by a broad community?



# community frameworks to enable broad participation in shaping technologies?



## how to build more, and more distributed, capacity?

# how to make web and social media archiving more inclusive?



