



Internet
preservation:
current situation
and perspectives for
the future.

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director

Summary

- Why?
- Differences?
- How?
- Collaboration



Why archiving the web?



Study	Resource type	Resource half-life
Koehler (1999 and 2002)	Random Web pages	about 2.0 years
Nelson and Allen (2002)	Digital Library Object	about 24.5 years
Harter and Kim (1996)	Scholarly Article Citations	about 1.5 years
Rumsey (2002)	Legal Citations	about 1.4 years
Markwell and Brooks (2002)	Biological Science Education Resources	about 4.6 years
Spinellis (2003)	Computer Science Citations	about 4.0 years



Koehler, W. (2004). A longitudinal study of Web pages continued: a consideration of document persistence. *Information Research*, 9(2),

(stable) & (discrete objects)



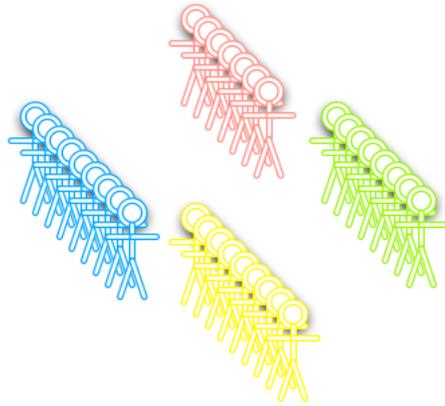
Time



3 sec
20 pages / Min.
1 200 pages / Hr.
30 000 pages / Day



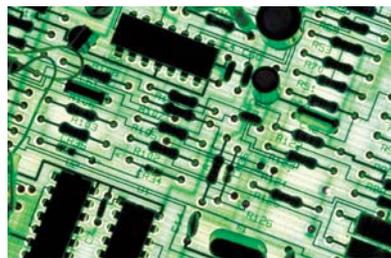
(publishers)



X 1000 at least

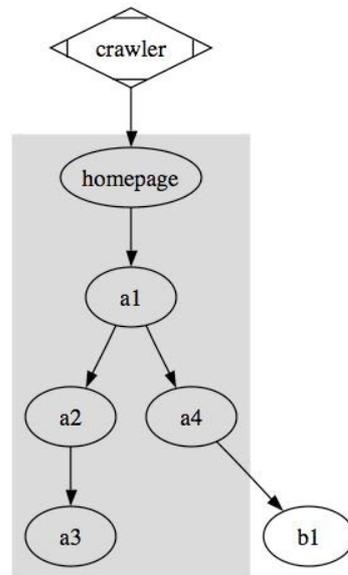


Good news





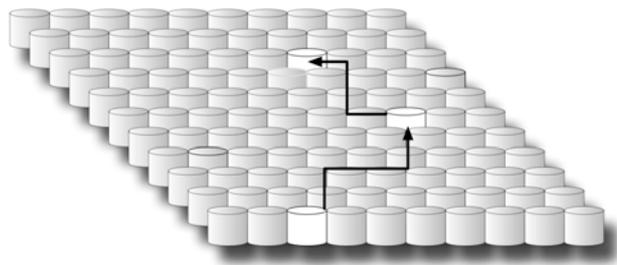
How?



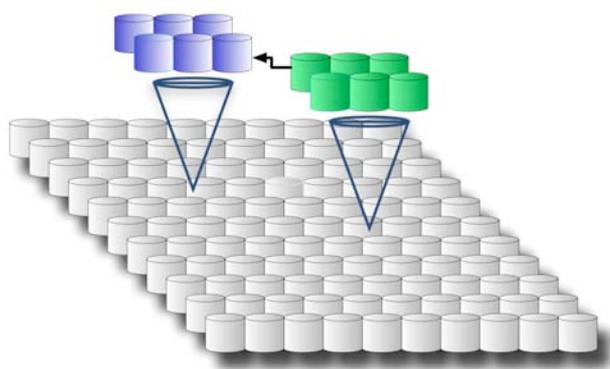
Collaboration



www as a grid of servers



Web archives grid



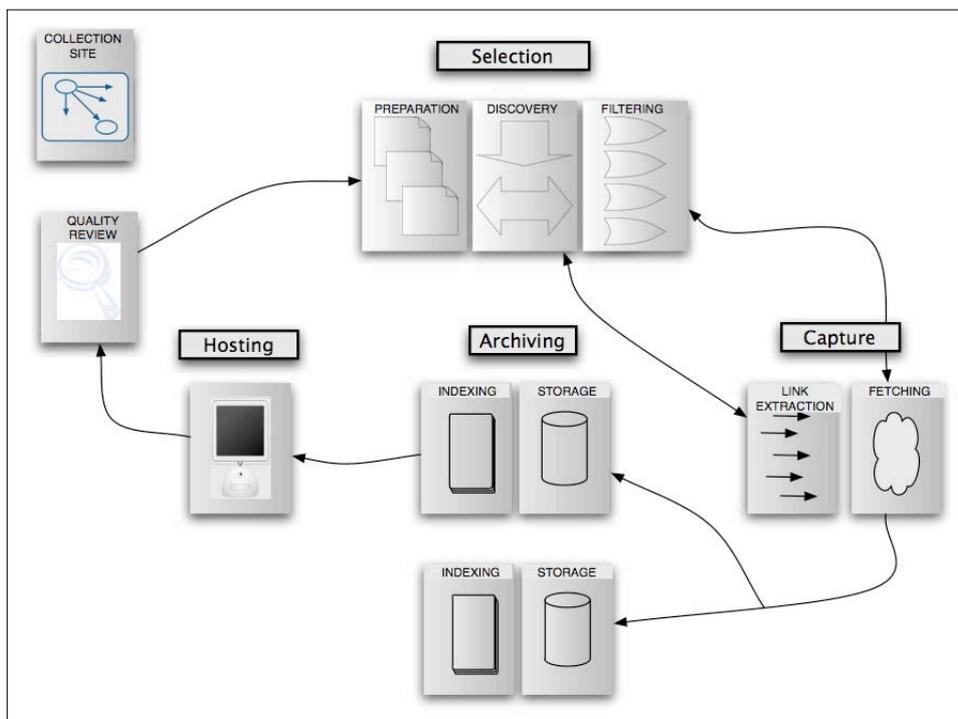
IIPC: standards and tools for the Web archives grid

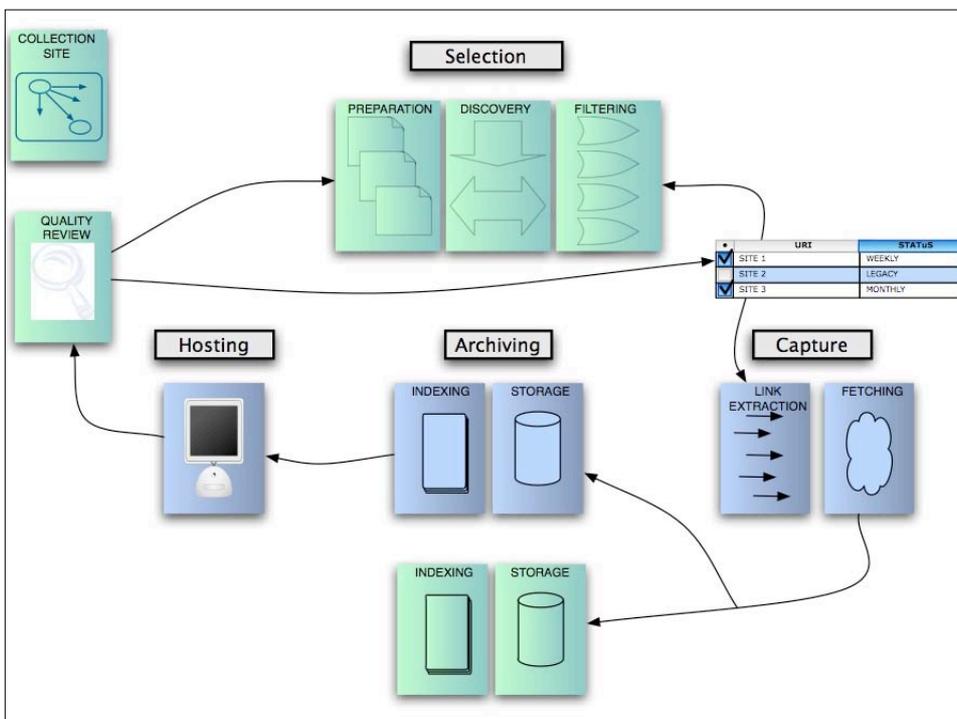
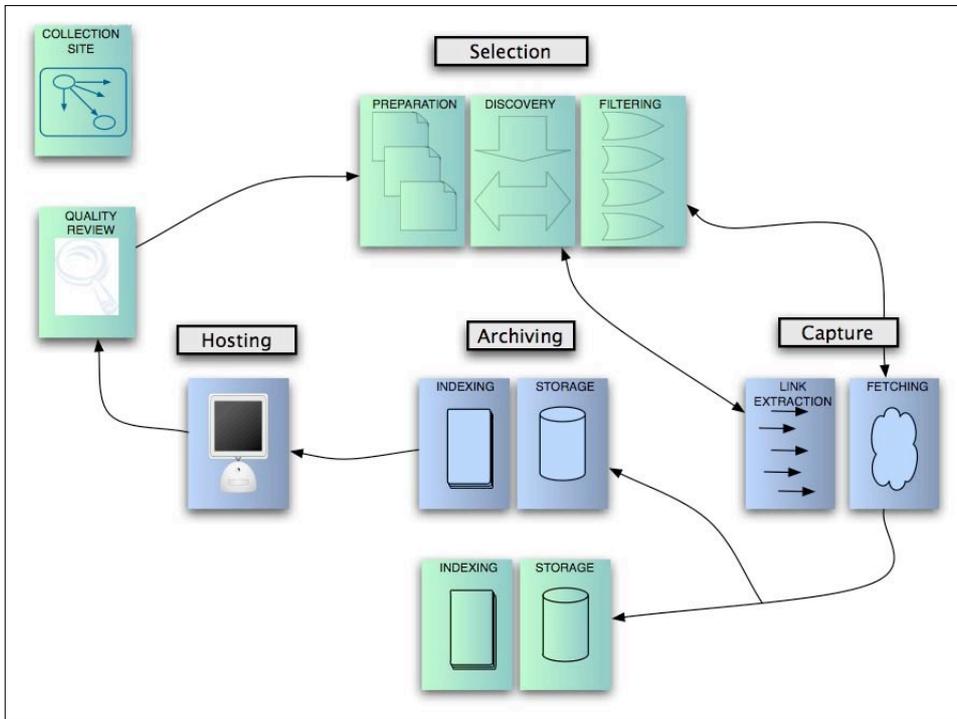
- Standards
 - Architecture
 - Storage format (WARC)
 - Metadata
- Tools for web archiving



Functional collaboration

- Do all heritage institutions have to cope with all the technical difficulties?
- Can we all keep up with a permanently fast changing environment?
- Mutualisation of resources for some tasks
 - Crawling
 - Mapping
 - Online access
 - Storage
 - Preservation





The European Web Archive

- Was incorporated in 2004 as a non-profit foundation in Amsterdam with public and private support
- Technological and collection peering agreement with the Internet Archive



EA's 200 Tb data center in Amsterdam



Our role

- Open archive for the public
- Technology partner for cultural institutions wishing to do web collections
- Focus and domain Crawl
- Access via online interface and search
- Quality assurance and reporting on collections
- Hosting and delivery of content
- Preservation and backup



- Current or recent Web projects
 - UK gov archive with TNA
 - EU referendum
 - British elections with British Library
 - German election with DDB
 - Pilot study on archiving of TV and Radio website with the Netherlands Audiovisual Archive (BeelendGeleid)



- IIPC: <http://netpreserve.org>
- European Archive: <http://europarchive.org>
- Web Archive information
list:<http://listes.cru.fr/sympa/info/web-archive>
- International Web Archiving Workshop (IWAW):
<http://iwaw.net>
- julien@europarchive.org

