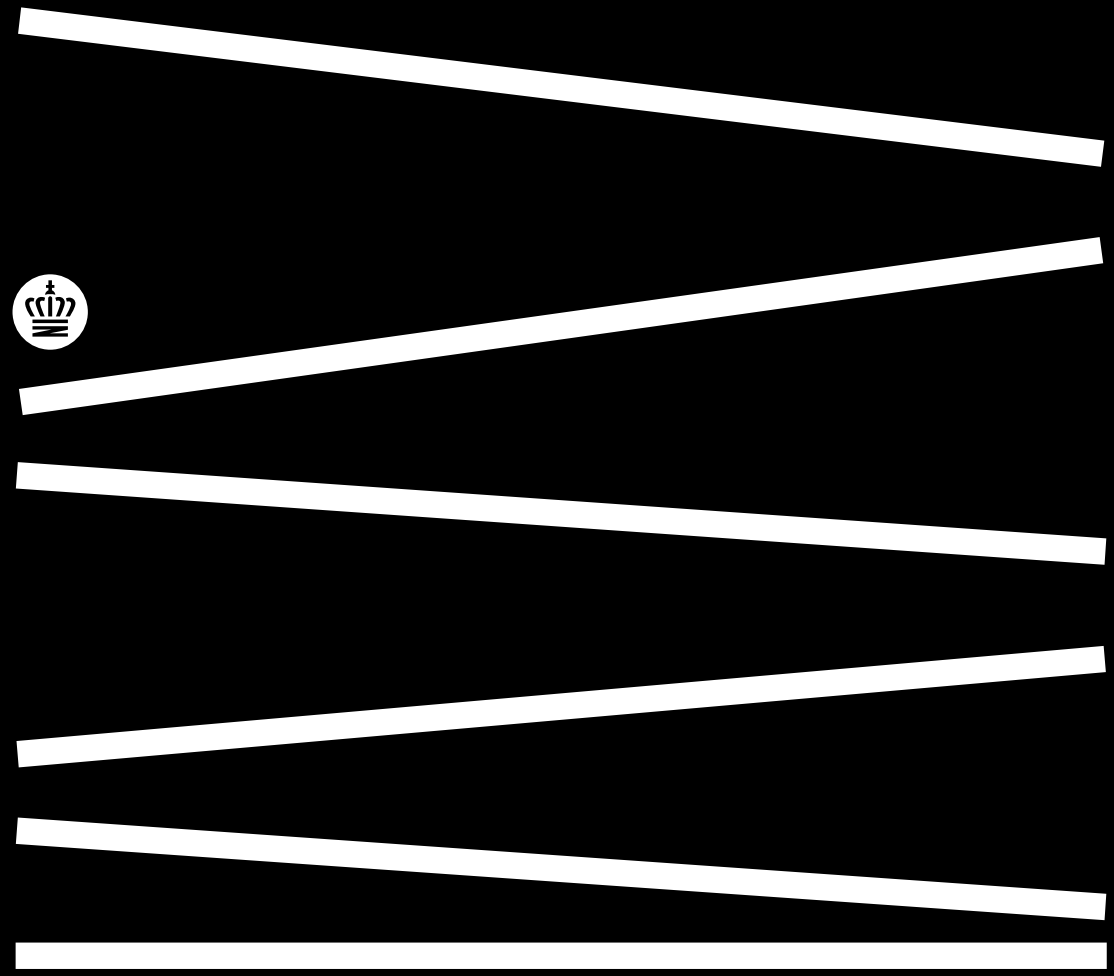
SolrWayback

Demo of the SolrWayback search interface, tools and playback engine for WARCs

Thomas Egense
IT specialist

Anders Klindt Myrvoll
Programme Manager – the Danish web archive

IIPC 2018, Wellington



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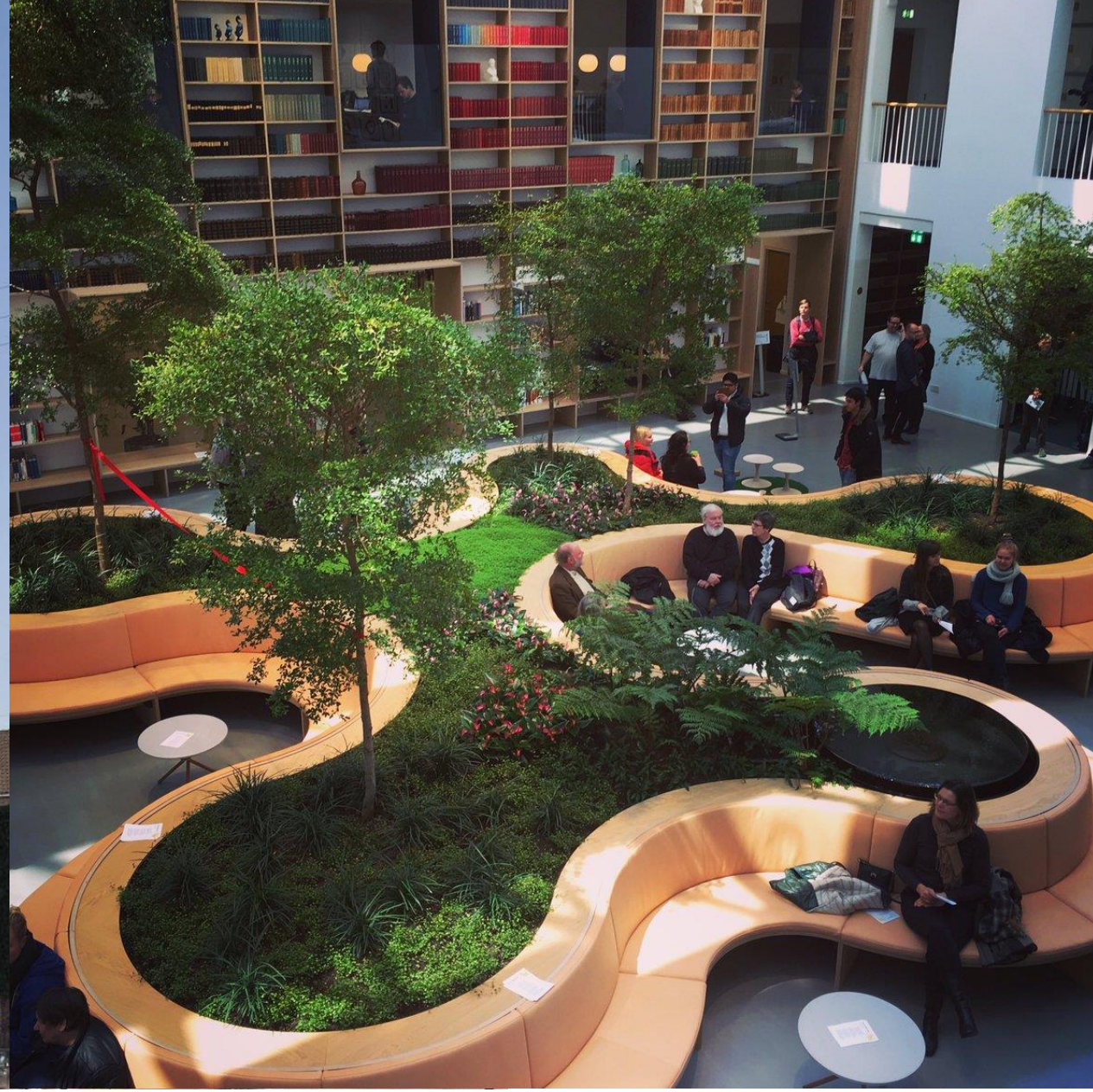

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https://da.aoab.dk/view/state-and-university-li
https://www.instagram.com/librarylovestories/ for more library pics!

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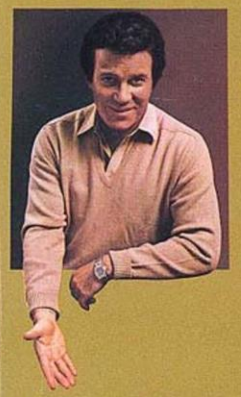
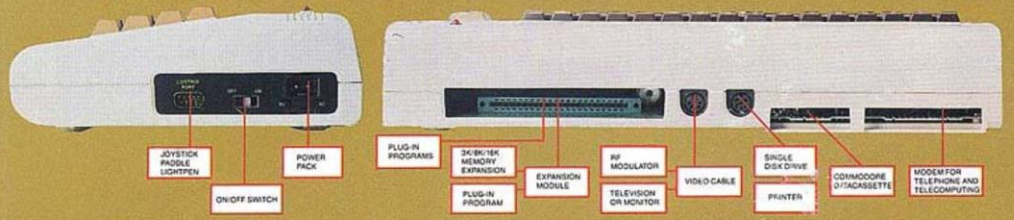
http://www.kb.dk/en/index.html



COMMODORE VIC-20®
"THE WONDER COMPUTER OF THE 1980s. UNDER $300."

—WILLIAM SHATNER

"The best computer value in the world today. The only computer you'll need for years to come."



VIC-20® VS. OTHER HOME COMPUTERS

Product Features	Commodore VIC-20	Atari® 400™	TI® 99/4A	TRS-80® Color Computer
Price*	$299.95	$458.95	$499.00	$399.00
Maximum RAM Memory	32K	16K	16K	32K
Keyboard Style	Full-Size Typewriter Style	Flat Plastic Membrane	Half-Size Typewriter Style	Calculator Style
Number of Keys	66	57	40	53
Programmable Function Keys	4	0	0	0
Graphic Symbols On Keyboard	62	0	0	0
Displayable Characters	512	256	64	256
Microprocessor	6502	6502	TI990	6809
Accessible Machine Language	YES	YES	NO	YES
Upper/Lower Case Characters	YES	YES	NO	NO
Operates with all Peripherals (Disk, Printer and Modem)	YES	NO	YES	YES
Full Screen Editor	YES	YES	NO	NO
Microsoft Basic	Standard	N/A	N/A	$ 99.00
Telephone Modem	$109.95	$399.95	$450.00	$154.95

*Manufacturer's suggested retail price Jan. 1, 1982. Includes BASIC cartridge required for programming.

Read the chart and see why COMPUTE! Magazine[1] calls the VIC-20 computer "an astounding machine for the price." Why BYTE[2] raves: "...the VIC-20 computer unit is unexcelled as a low-cost consumer computer." Why Popular Mechanics[3] says "...for the price of around $300, it's the only game in town that is more than just a game." And why ON COMPUTING INC.[4] exclaims: "What is inside is an electronic marvel... if it sounds as if I'm in love with my new possession, I am."

The wonder computer of the 1980s. The VIC-20 from Commodore, world's leading manufacturer of a full range of desktop computers. See the VIC-20 at your local Commodore dealer and selected stores.

1 April '81 issue 2 May '81 issue 3 November '81 issue 4 Fall '81 issue

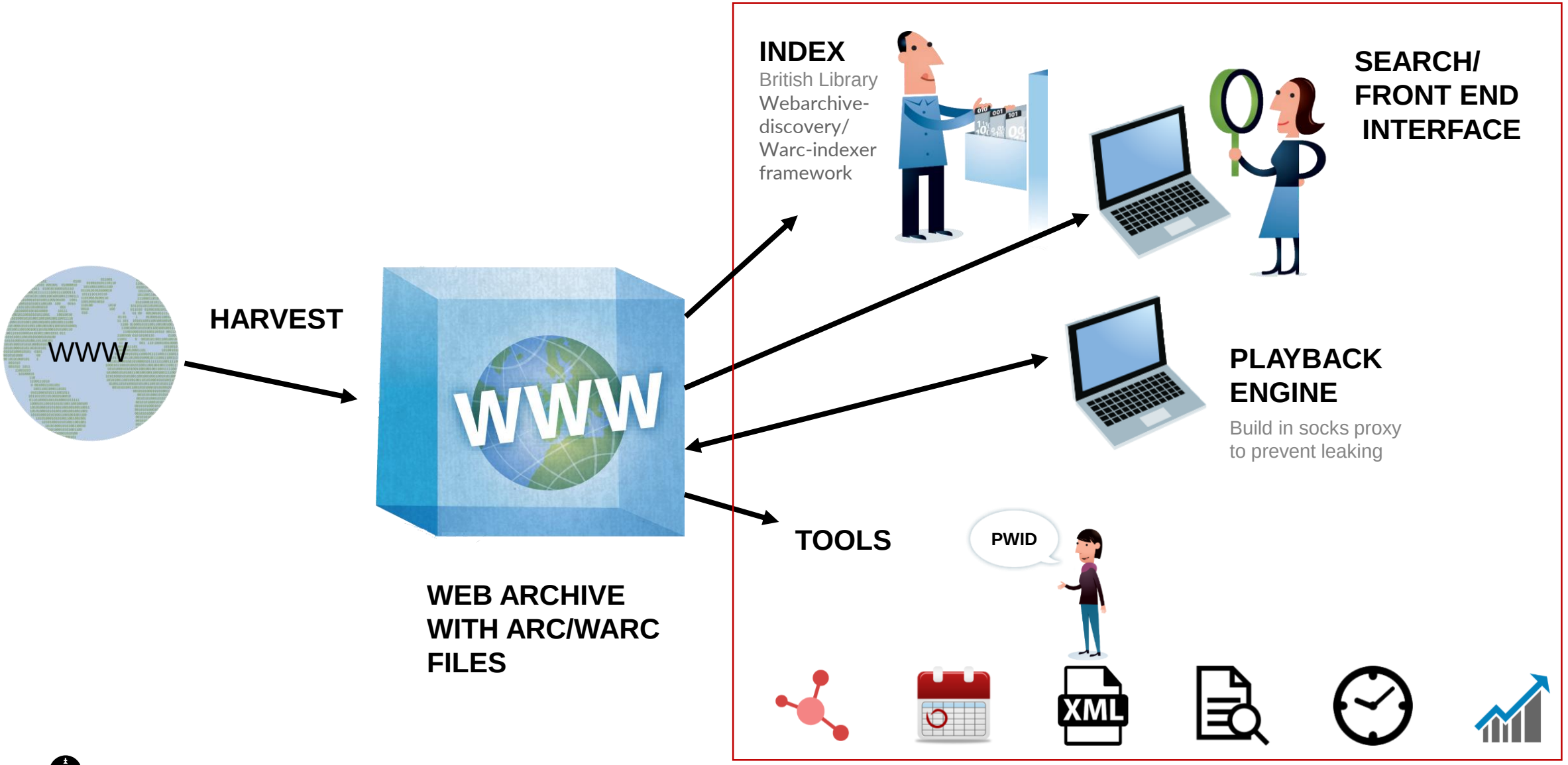
VIC-20 commodore COMPUTER

Commodore Computer Systems
681 Moore Rd., King of Prussia, PA 19406
Canadian Residents: Commodore Computer Systems
3370 Pharmacy Ave., Agincourt, Ont., Canada, M1W 2K4

Please send me more information on the VIC-20.

Name _____
Address _____
City _____ State _____ Zip _____
Phone _____

CIRCLE 120 ON READER SERVICE CARD



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Out of the box, open source web-application for researchers to explore Arc/Warc files.

PWID/XML

web archive

content coverage

pwid:mia.oszk.hu:2018-04-24T09:06:21:page:https://mnm.h

time of archiving

archived U

Best poster iPRES 2018
Eld Zierau
- online soon

```
2 urn:pwid:mia.oszk.hu:2018-04-24T09:06:21Z:part:https://mnm.hu/en/museum
```

PWID-resolver

”Prototype **Resolver** for resolving PWIDs to entries (Netarkivet & open web archives),

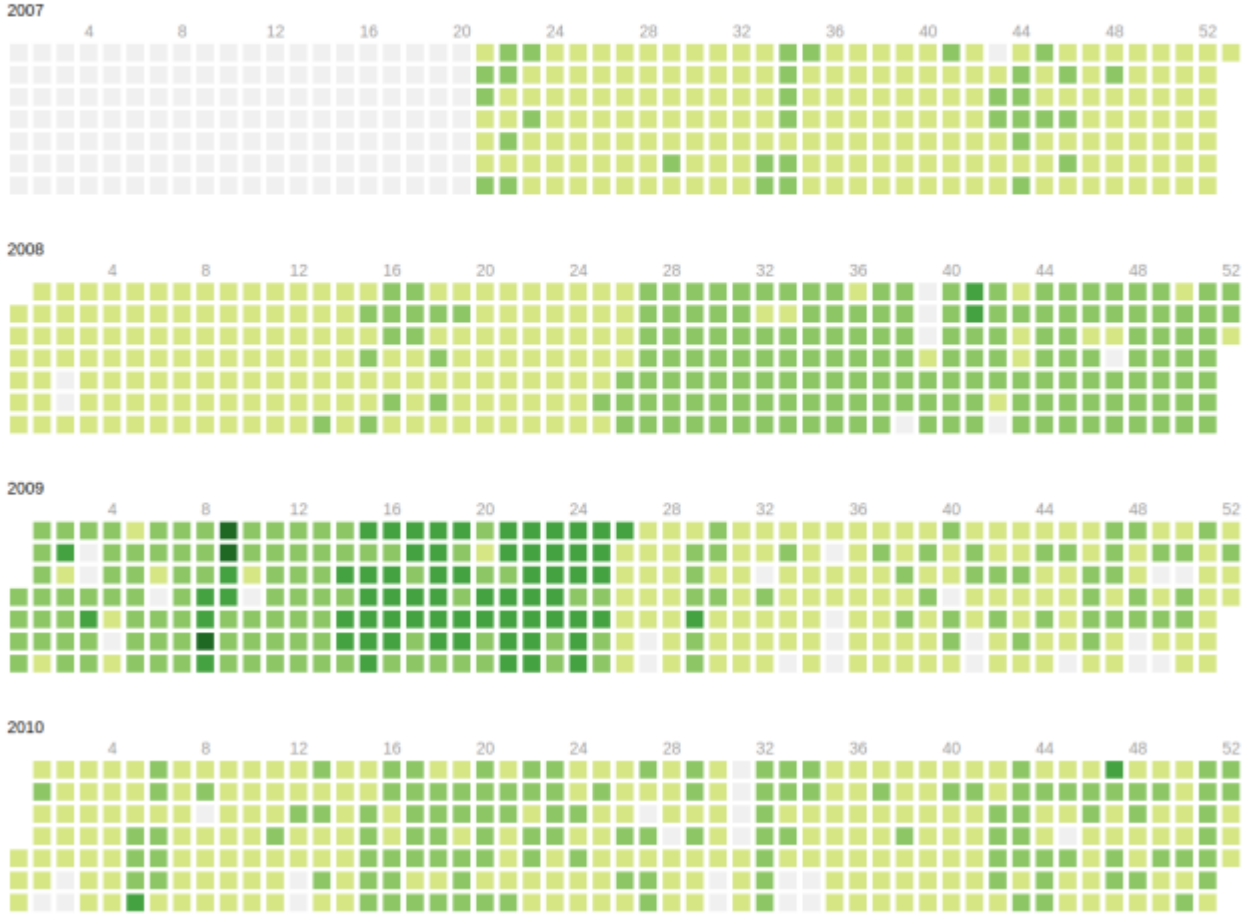
e.g. the PWID
urn:pwid:archive.org:2018-02-22T11:54:11Z:page:https://ipres2018.org/
resolves to:
http://web.archive.org/web/20180222115411/https://ipres2018.org/

Source at https://github.com/netarchivesuite/NAS-research/releases

Harvests

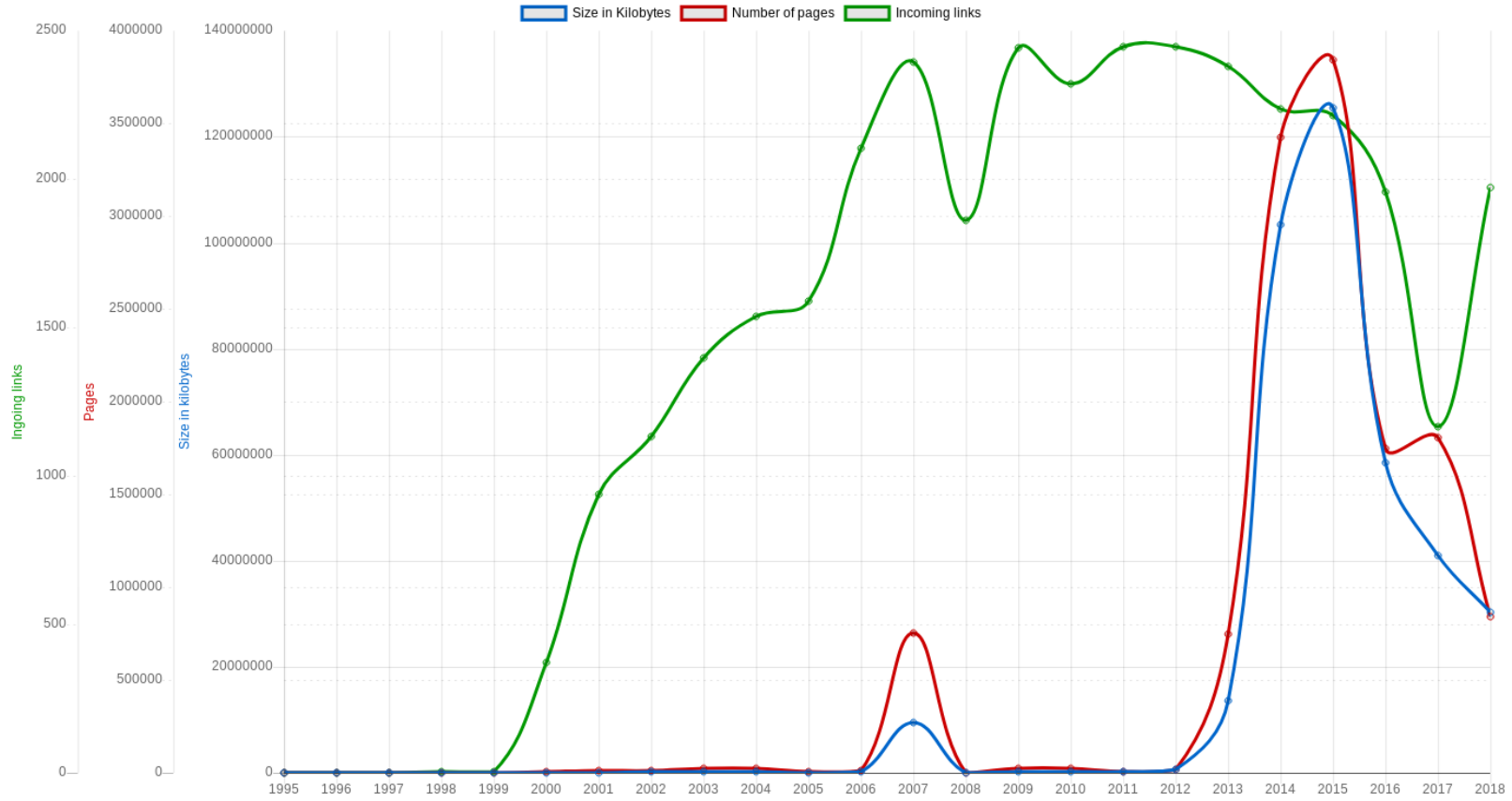
First harvest: **May 21, 2007**
Latest harvest: **September 17, 2015**
Total harvests: **19,794**

Show: Months - **Days**



Domain developement for: kb.dk

kb.dk | Check domain



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
Size in KB	0	0	0	71	791	38,800	101,829	146,276	256,810	263,742	100,126	192,392	9,422,925	4,185	191,176	253,533	129,691	637,159	13,614,771	1(

Domain development over time

Installing SolrWayback

• Easy to install and use on Mac, Linux and Windows. Contains Webserver, Solr and warc-indexing tool. Just drop Arc/Warcs into a folder and start exploring the corpus.

•Github-link
https://github.com/netarchivesuite/solrwayback

More info

The National Széchényi Library - Hungary http://193.6.201.202/solrwayback/
Gabor Vitez re-wrote the geo search form google maps to open streetmaps.

Athens University of Economics and Business (older version of SolrWayback)
http://archive.aueb.gr/

- **Toke Eskildsen** has helped with sparring / performance tuning and a warc export.

- **Niels Gamborg** has made 75% of the front end search interface and tools. Retired now.

Abstract

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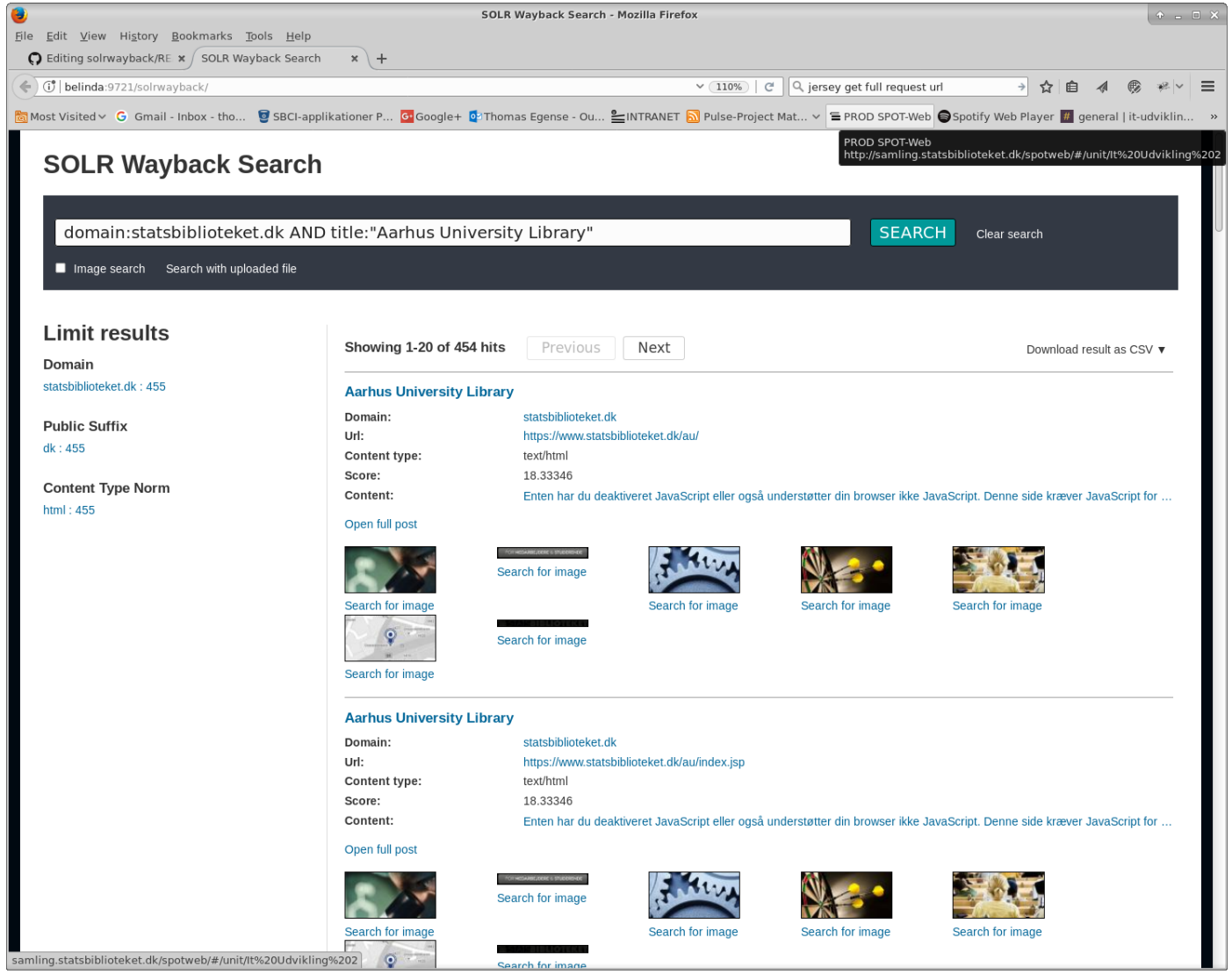
Contact

SolrWayback - Thomas Egense
teg@kb.dk @ThomasEgense

PWID - Eld Zierau
elzi@kb.dk @EldZierau

General inquires – Anders Klindt Myrvoll
ankm@kb.dk @AndersKlindt

Questions and discussion



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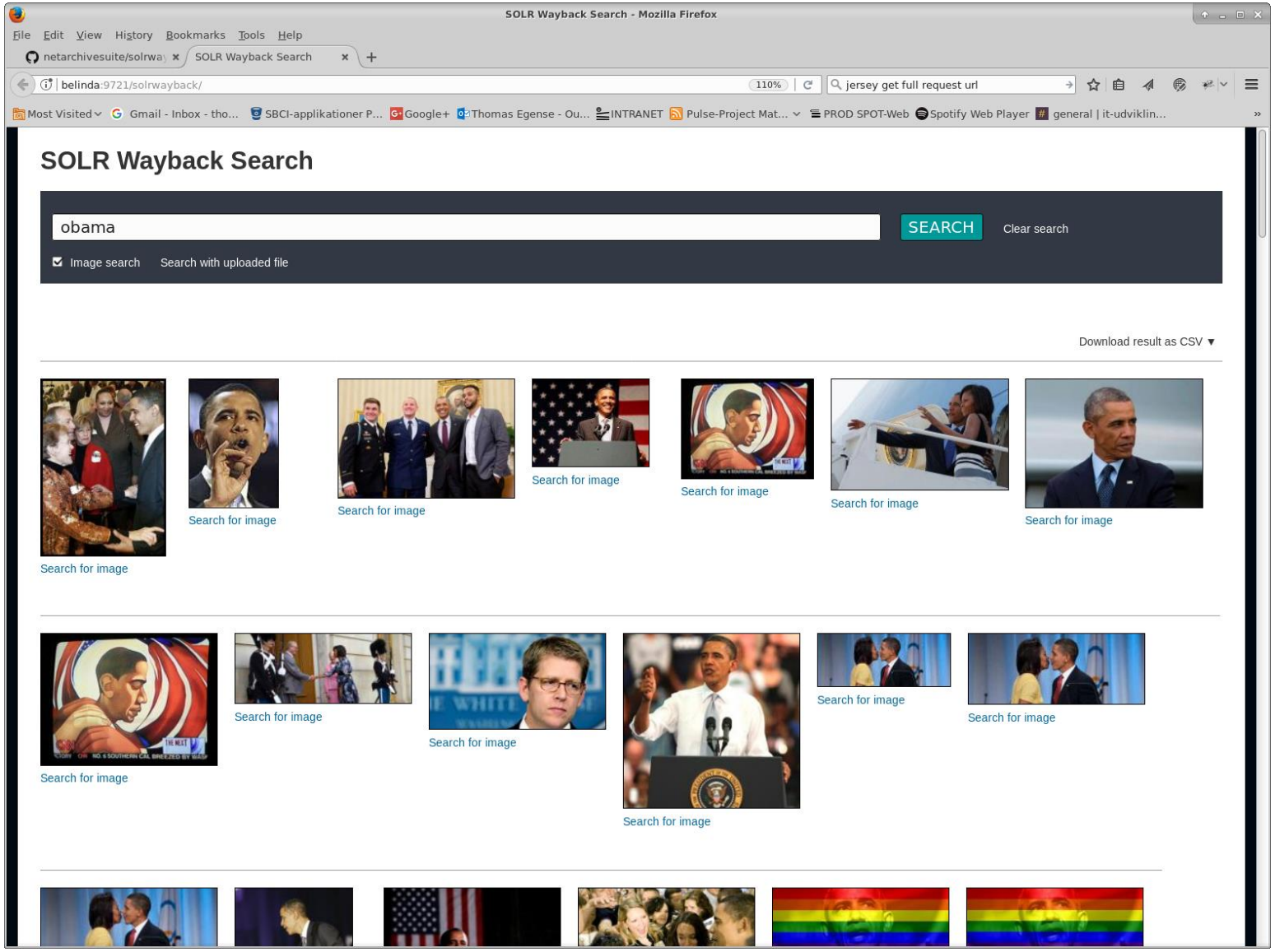
Search example showing hits. Images are shown in search-result.


SOLR Wayback Search - Mozilla Firefox
File Edit View History Bookmarks Tools Help
netarchivesuite/solrwa
SOLR Wayback Search
belinda:9721/solrwayback/
110%
jersey get full request url
Most Visited
Gmail - Inbox - tho...
SBCI-applikationer P...
Google+
Thomas Egense - Ou...
INTRANET
Pulse-Project Mat...
PROD SPOT-Web
Spotify Web Player
general | it-udviklin...
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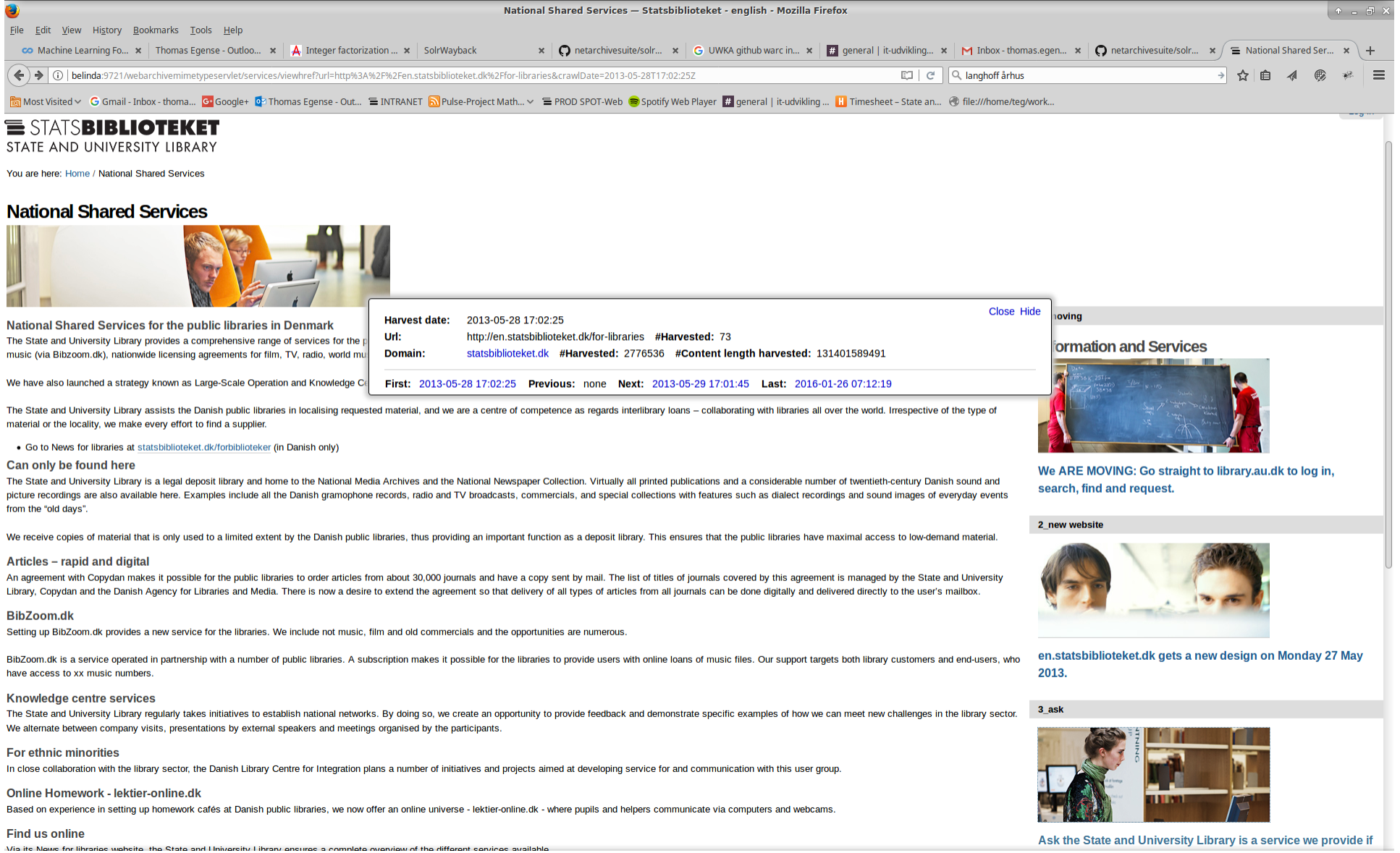
SEARCH
Clear search
Image search
Search with uploaded file
Download result as CSV
Search for image



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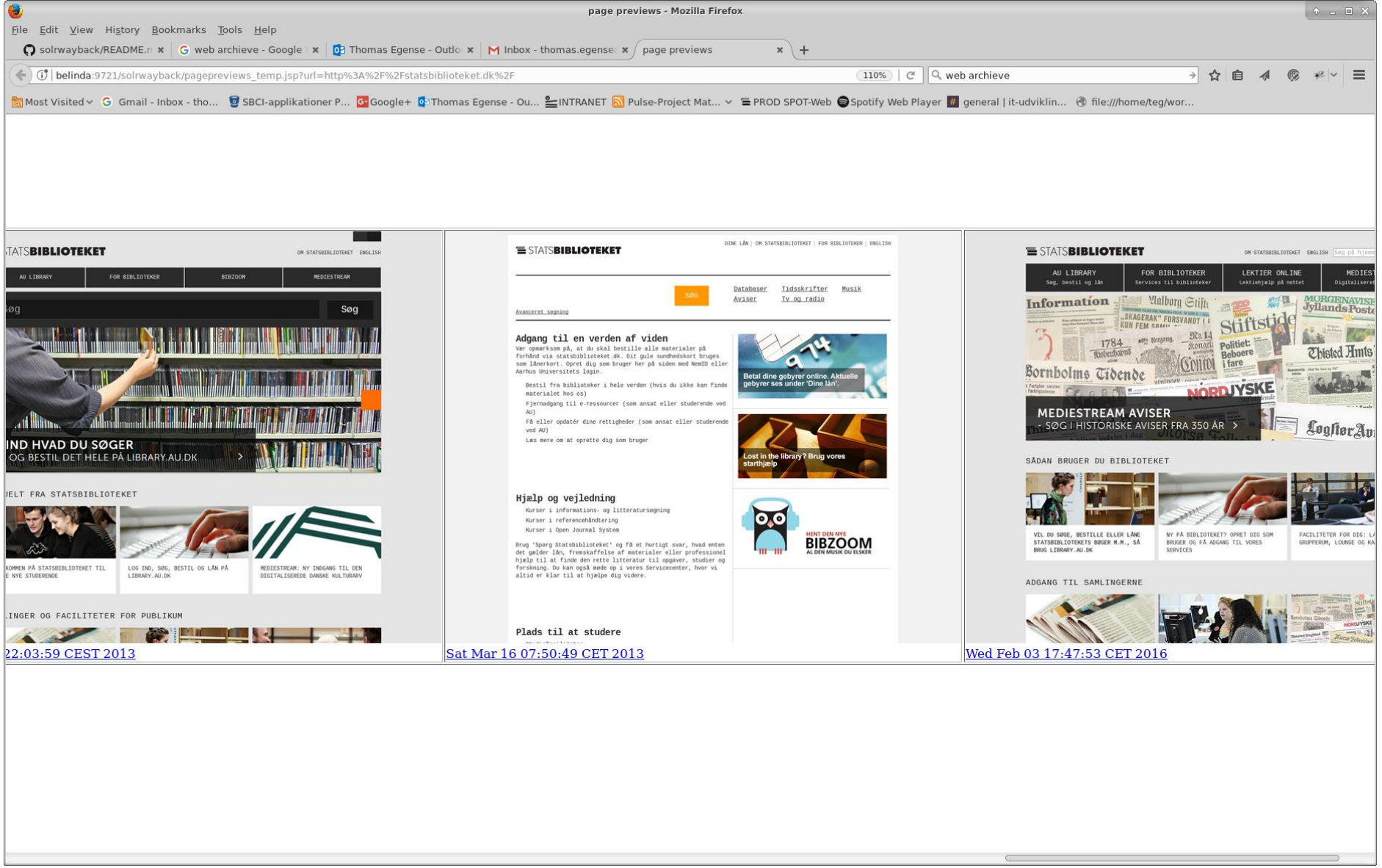
SOLRWayback showing an archived webpage with an overlay statistics and further navigation options.



22:03:59 CEST 2013 | Sat Mar 16 07:50:49 CET 2013 | Wed Feb 03 17:47:53 CET 2016

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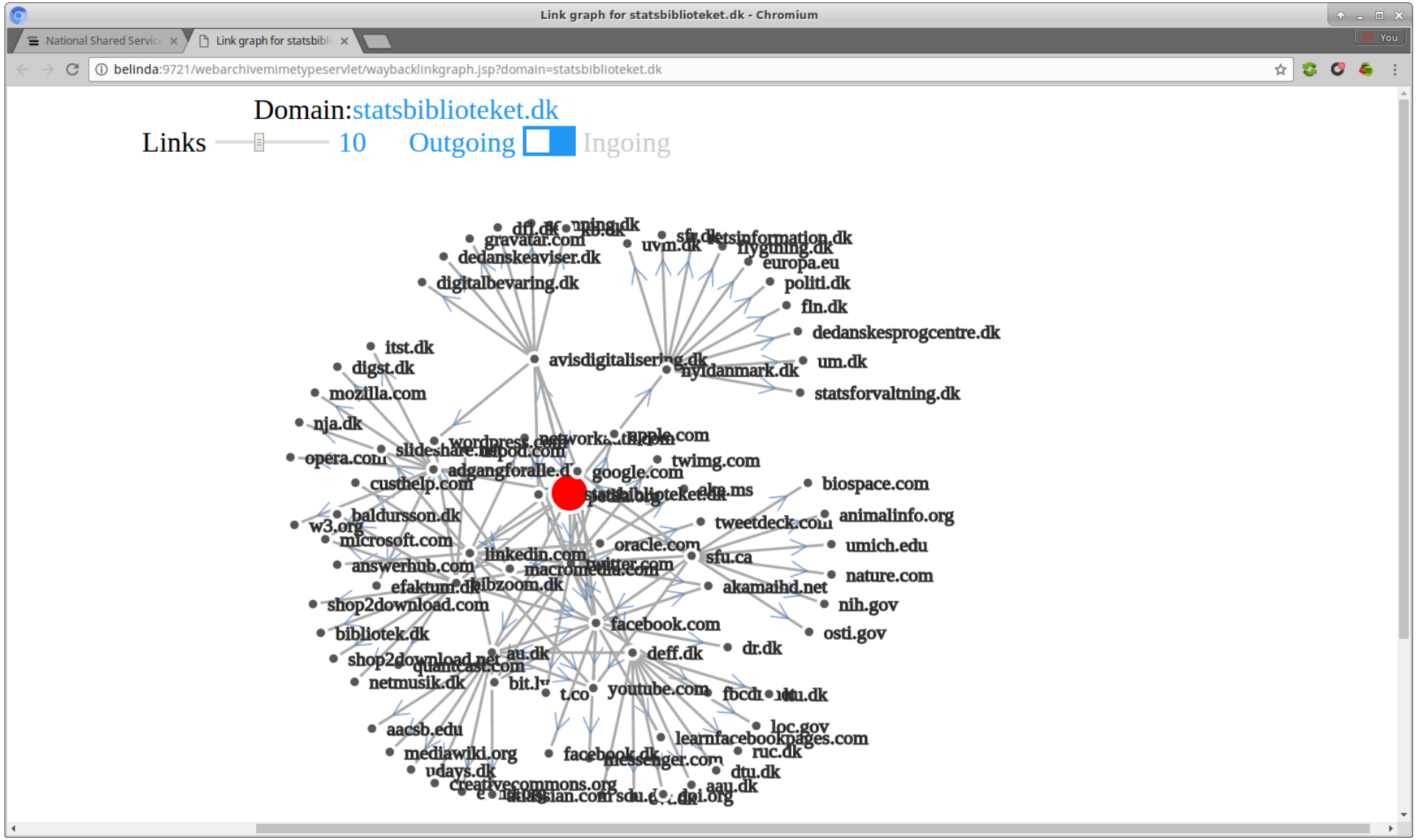
Page previews for different harvest times of a given url. Images are generated real-time and uses the build in socks proxy to prevent leaking to the live web.



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Interactive domain link graph

Harvests

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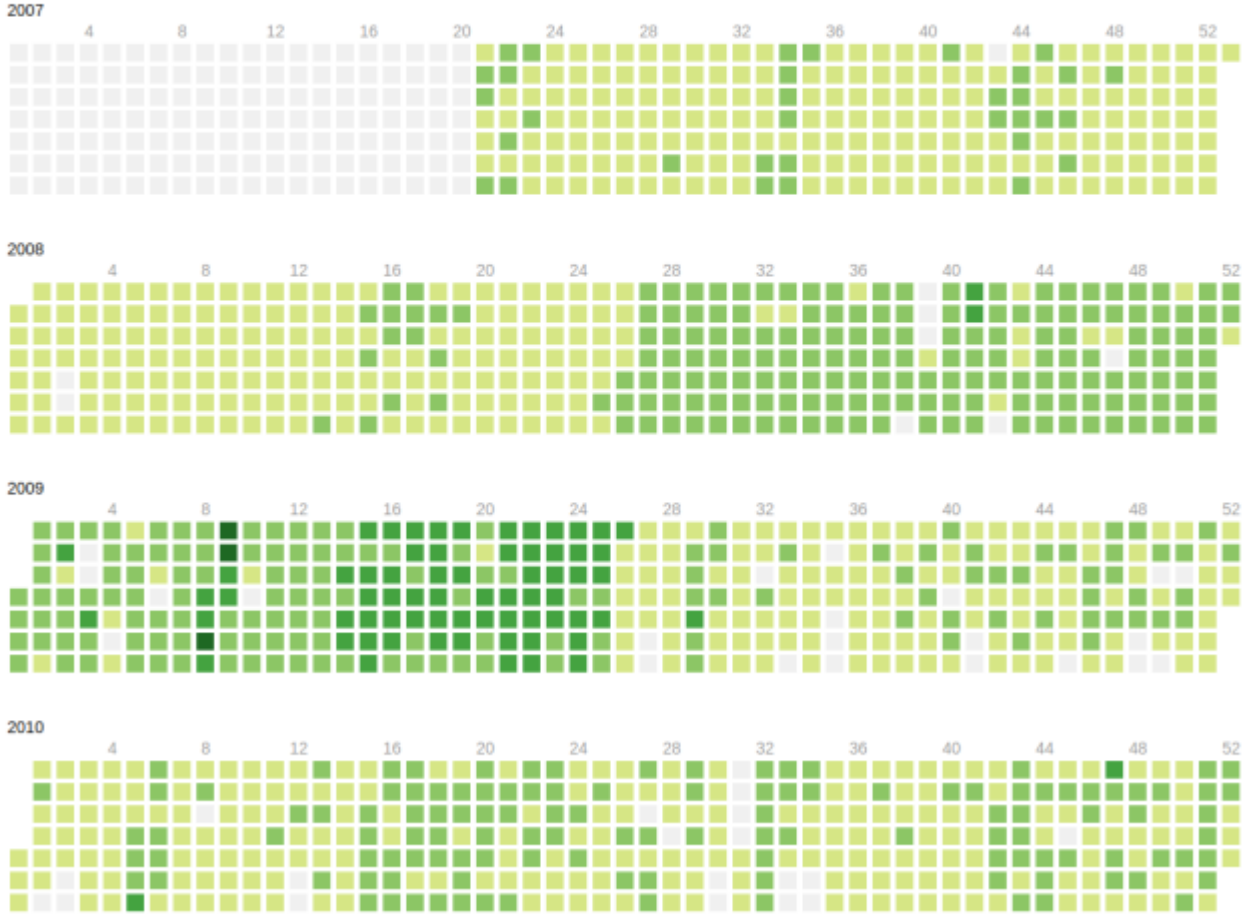
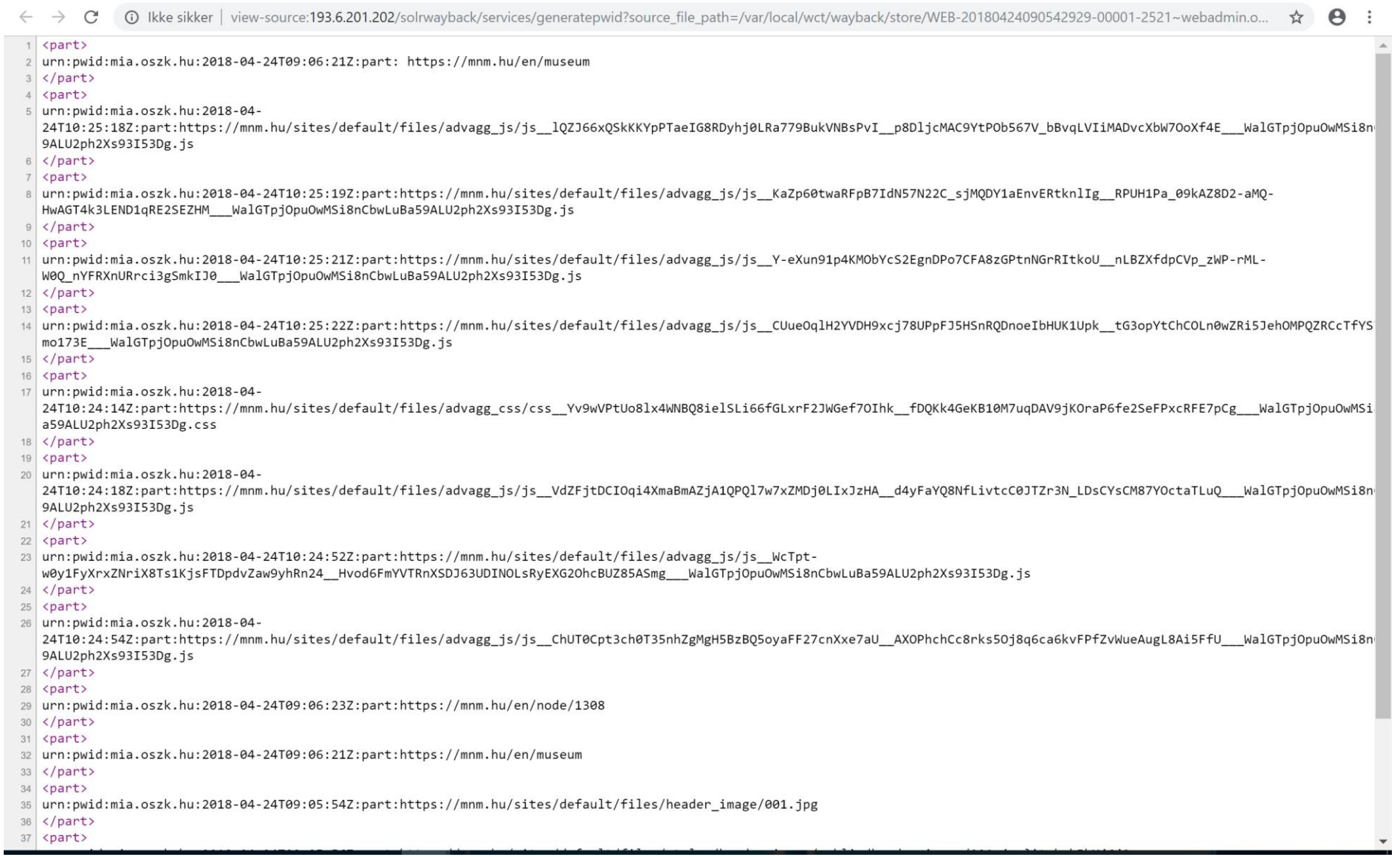
Show: Months - **Days**

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SOLR Wayback Search

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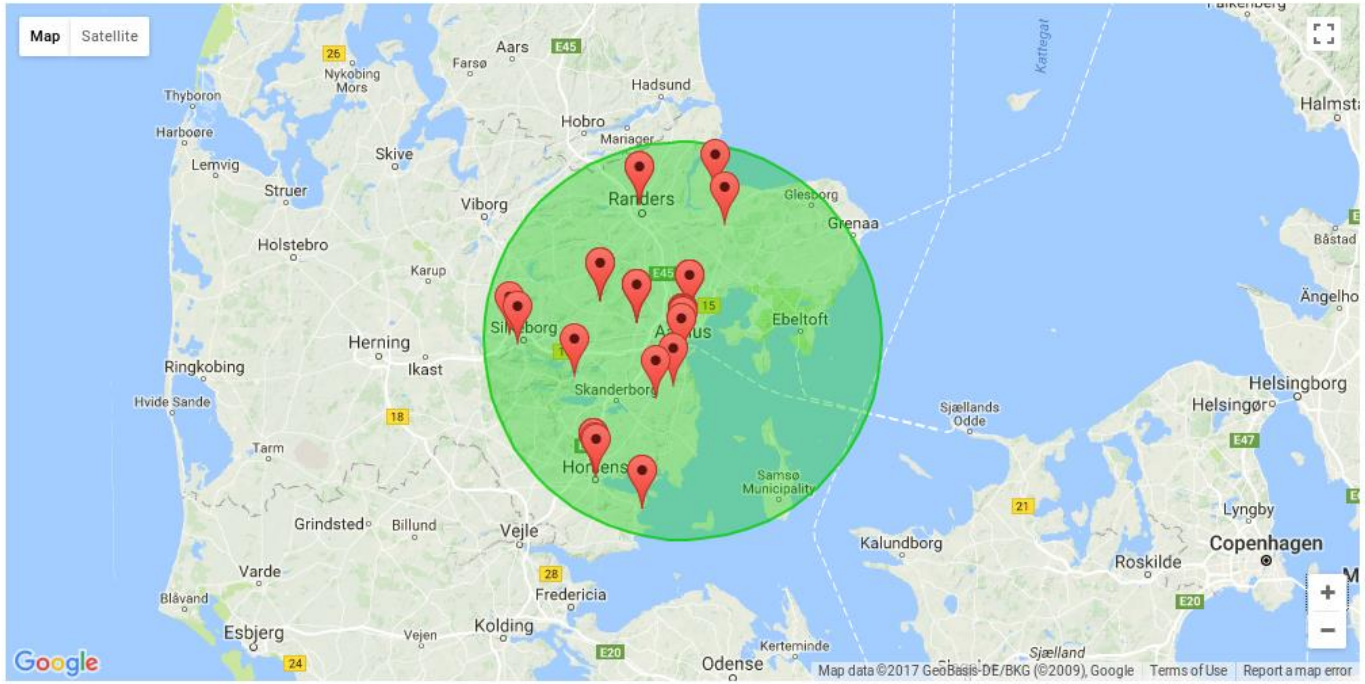
SEARCH Clear search

Image search Geo search Search with uploaded file



Adjust radius

Radius in km: 50

Center for this search

Latitude: 56.17
Longitude: 10.2

Number of hits: 50

Download result as CSV ▼

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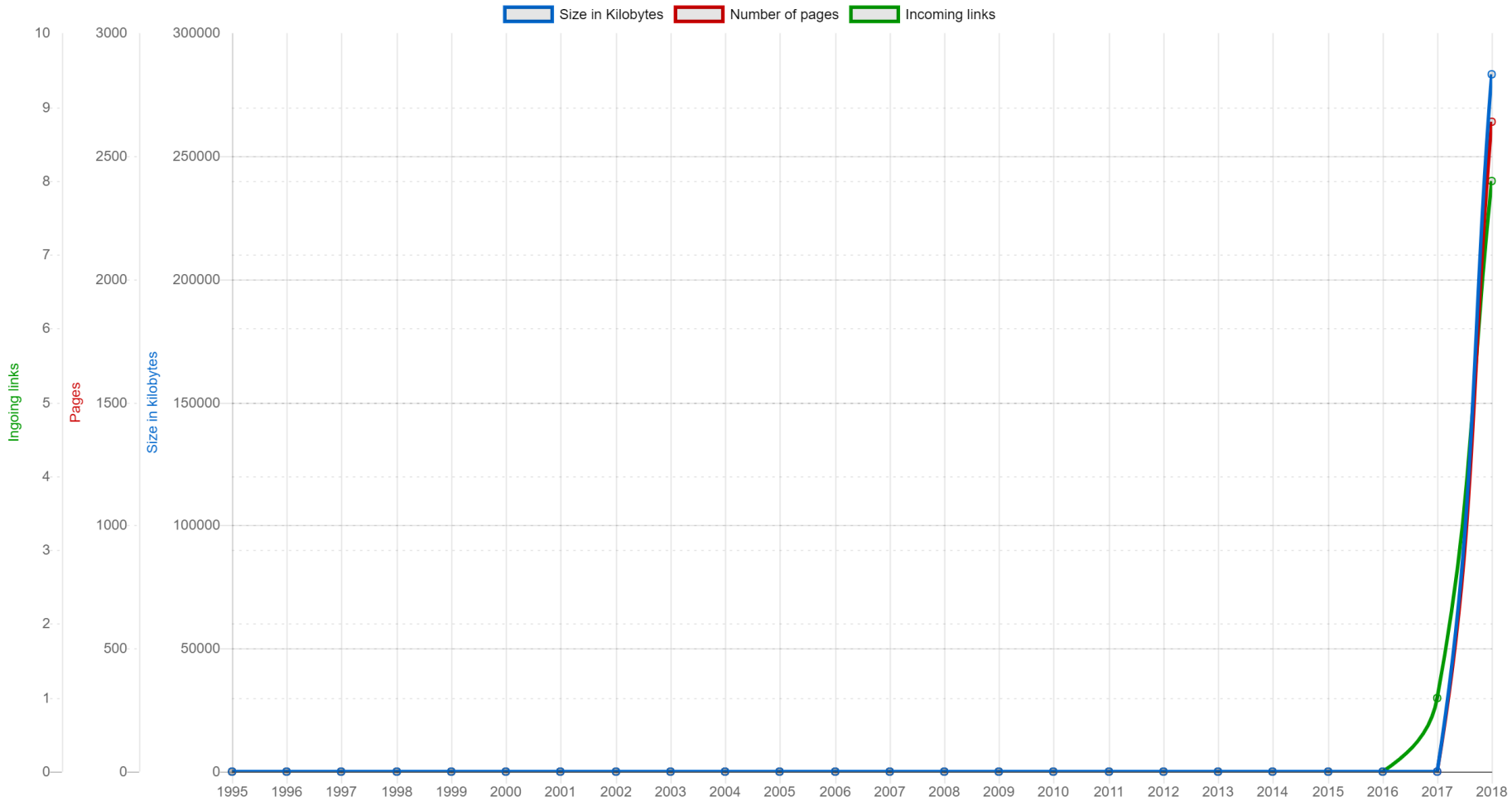
Search by gps location for images having exif location information

Domain developement for: mnm.hu

mnm.hu Check domain