

WAIL

Collection-Based Personal Web Archiving

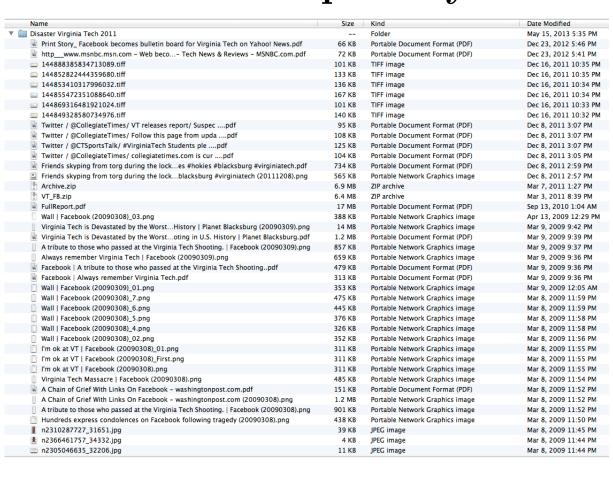
John A. Berlin, Mat Kelly, Michael L. Nelson, and Michele C. Weigle {jberlin,mkelly,mln,mweigle}@cs.odu.edu

Department of Computer Science, Old Dominion University, Norfolk, Virginia USA



Manage Collections Of Web Archives From Your Personal Computer

Managing And Creating Archive Collections Can Be Difficult Especially If You Have To Do It By Hand



Storage Your Computer Has

Name	Size	Kind	Date Modified
Disaster Oslo 2011		Folder	May 15, 2013 5:35 P
BBC News - 'Tell the police to hurry. Peopco.uk/news/world-europe-14287822.tiff	2.1 MB	TIFF image	Aug 6, 2011 7:08 PN
BBC News - Norway attacks/ The victims.pdf	456 KB	Portable Document Format (PDF)	Aug 2, 2011 2:13 PM
BBC News-Norway attacks-The victims_htco.uk/news/world-europe-14276074.tiff	3.8 MB	TIFF image	Aug 2, 2011 2:12 PN
■ Twitter_Anders_Lists.tiff	252 KB	TIFF image	Jul 23, 2011 12:00 A
Twitter_Anders_Tweetstreem.tiff	141 KB	TIFF image	Jul 23, 2011 12:00 A
Twitter_Kjetil_trans.tiff	225 KB	TIFF image	Jul 23, 2011 12:00 A
Twitter_Anders_Tweet.tiff	92 KB	TIFF image	Jul 22, 2011 11:59 F
Twitter_Kjetil_stream.tiff	388 KB	TIFF image	Jul 22, 2011 11:59 F
■ BBC - Homepage (20110722).jpg	837 KB	JPEG image	Jul 22, 2011 7:43 PM
CNN_Article_Update.jpg	5.1 MB	JPEG image	Jul 22, 2011 7:43 PM
CNN_Article.jpg	1.3 MB	JPEG image	Jul 22, 2011 7:43 PM
Giant blast hits government buildings in Oslo, Norway - CNN.com (20110722).jpg	1.3 MB	JPEG image	Jul 22, 2011 7:43 PM
Oslo.zip Oslo.zip	21.8 MB	ZIP archive	Jul 22, 2011 7:42 PM
BBC - Homepage (20110722).jpg.zip	774 KB	ZIP archive	Jul 22, 2011 7:39 Pt
Tragedie i Oslo og Utøya Flickr - Photo Sharing! (20110722).tiff	806 KB	TIFF image	Jul 22, 2011 2:34 Pf
Flickr_Brusse_Ok_5964328214.tiff	866 KB	TIFF image	Jul 22, 2011 2:33 Pf
Bomb Explosion Oslo_1311357437671.png	301 KB	Portable Network Graphics image	Jul 22, 2011 1:58 PI
Bomb Explosion Oslo_1311357300058.png	1.1 MB	Portable Network Graphics image	Jul 22, 2011 1:57 PI
Screen shot 2011-07-22 at 1.51.47 PM.png	32 KB	Portable Network Graphics image	Jul 22, 2011 1:51 Pf
MSM_Guardian_liveblog_TwitterUtoya.tiff	113 KB	TIFF image	Jul 22, 2011 1:48 PI
Screen shot 2011-07-22 at 1.46.54 PM.png	33 KB	Portable Network Graphics image	Jul 22, 2011 1:47 Pf
MSM_Guardian_liveblog_621.tiff	655 KB	TIFF image	Jul 22, 2011 1:39 Pf
Tweet_Fisher_TBvFB.tiff	77 KB	TIFF image	Jul 22, 2011 1:37 PM
BBC - Homepage Update.jpg	859 KB	JPEG image	Jul 22, 2011 1:36 Pf
contentUSATODAY_update.jpg	2.2 MB	JPEG image	Jul 22, 2011 1:35 Pf
USATODAY_Update.jpg	1 MB	JPEG image	Jul 22, 2011 1:34 Pf
CNN_Update.jpg	1.9 MB	JPEG image	Jul 22, 2011 1:32 PI
Screen shot 2011-07-22 at 1.30.49 PM.png	25 KB	Portable Network Graphics image	Jul 22, 2011 1:30 PI
	66 KB	Portable Network Graphics image	Jul 22, 2011 1:25 Pl
USATODAY_Article.jpg	1.4 MB	JPEG image	Jul 22, 2011 11:42
News, Travel, Weather, Entertainment, Sp& World - USATODAY.com (20110722).jpg	1 MB	JPEG image	Jul 22, 2011 11:41
BBC News - Oslo-Bomb blast near Norway prime minister's office (20110722).jpg	888 KB	JPEG image	Jul 22, 2011 11:41 /
CNN_Page.jpg	1 MB	JPEG image	Jul 22, 2011 11:36 /
Oslo_Paper.jpg	4.2 MB	JPEG image	Jul 22, 2011 11:34 A

Why Not Let WAIL Take Care Of That For You?

Automated Live Web Content Preservation

Using WAIL You Can Easily

- -Create New Collections
- -Search For A Collection

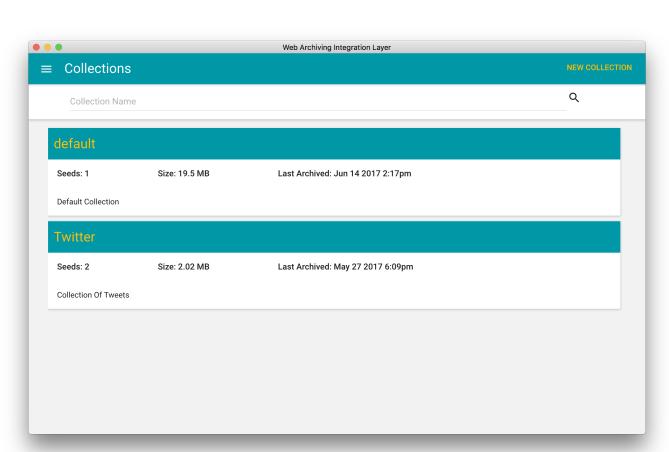
Collections > default > Add Seed From Live Web

http://www.cnn.com

Page + All Internal And External Links

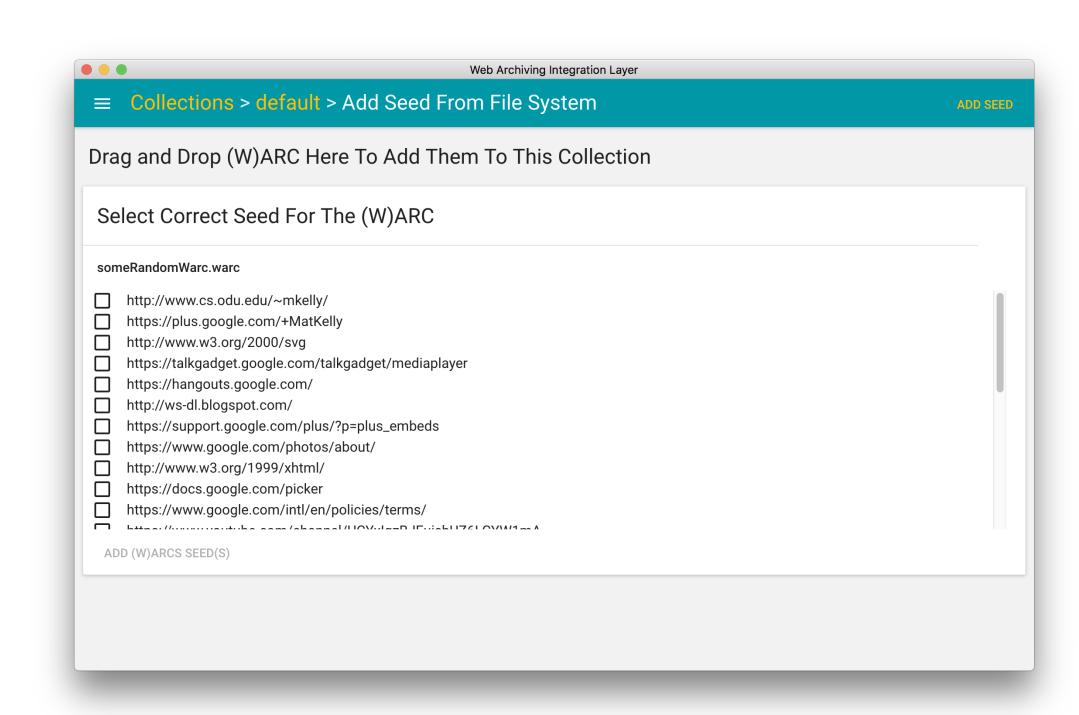
-See Metadata About Your Collections

WAIL Helps You Avoid Being Blocked From Preserving The Web Or Accessing Web Archives By The Comcasts Of This World

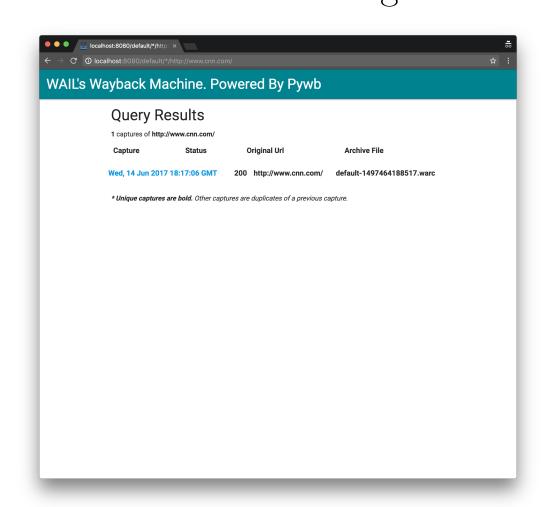


Adding To Your Collections

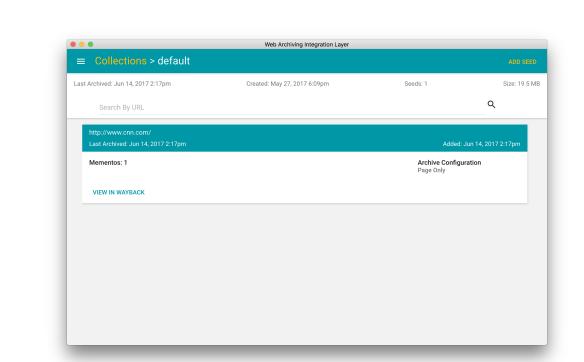
Add (W)Arc Files Found On Your Computer



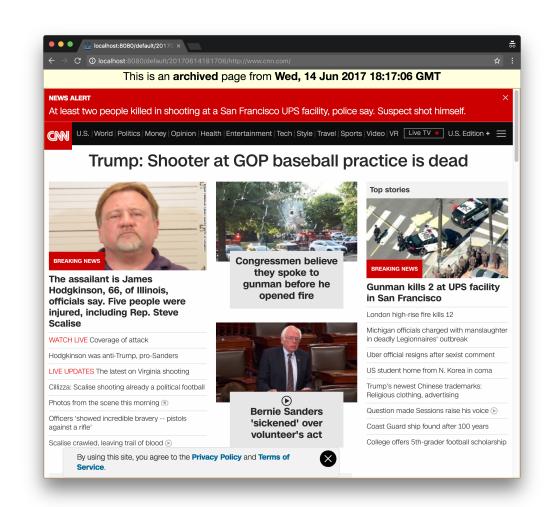
Check The Seed To Determine If
The URI Available On The Live Web.
How Many Embedded Resources Are
On The Live Page?



Choose Correct Datetime



The Preserved Page Will Be Added To Your Collection. Click View In Wayback



Happy Replaying

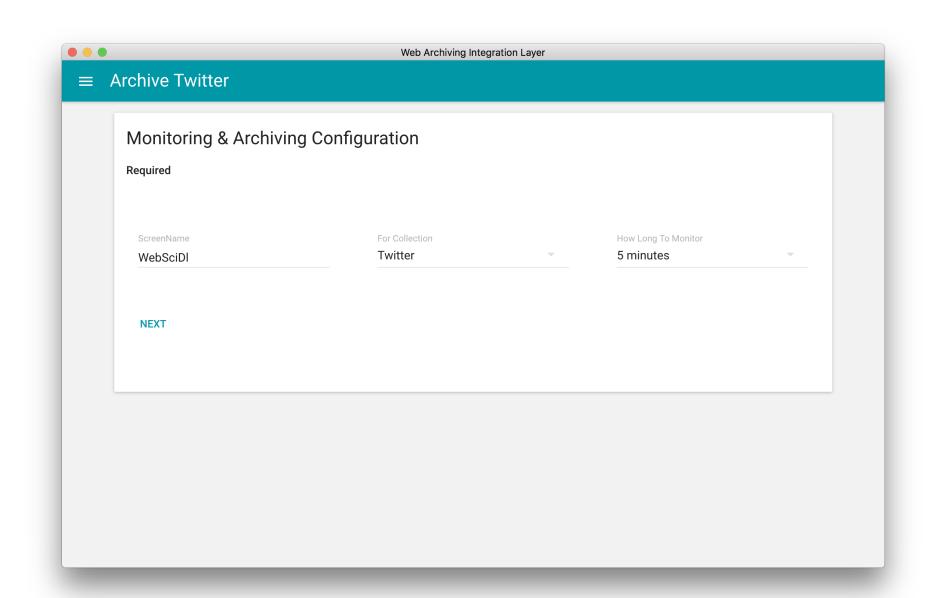
Automated Twitter Monitoring And Archiving

Tweets Are Created and Deleted In A Blink Of An Eye. WAIL Can Help You Ensure Those Tweets Are Not Lost Down The Memory Hole

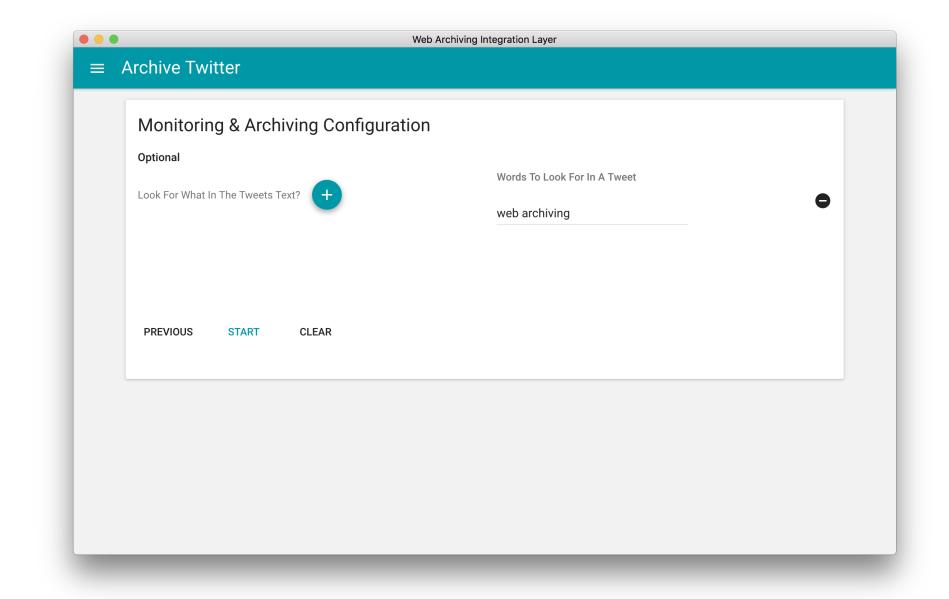
User's Timeline

Using WAIL You Have The Freedom To Collect What You Will Without Anyone But

You Knowing About It. The Only Limitation In How Much Can Preserve Is The Amount Of



Preserve The First Page Of A User's Timeline Configurable For Repeated Preservation Individual Tweets



Preserve A User's Tweet Including The Conversation and Replies

Available For MacOS Windows

• https://github.com/N0taN3rd/wail

Acknowledgements

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Future Work

Utilization Of The Twitter Streaming API
Webpage Recording (Webrecorder)
Third Party Support (Dropbox, Google-Drive)

References

- Mat Kelly and Michele C. Weigle. 2012. WARCreate Create Wayback-Consumable WARC Files from Any Webpage. In *Proceedings* of the ACM/IEEE Joint Conference on Digital Libraries (JCDL). 437–438.
- Mat Kelly, Michele C. Weigle, and Michael L. Nelson. 2013. Making Enterprise-Level Archive Tools Accessible for Personal Web Archiving. Personal Digital Archiving. (February 2013).

Linux 🐧