Appendix 1: All Communications

[Greetings]

Joe: Alright, so what is this school project.

Calvin: Well I’m taking IB computer science and we do a project with a client so I was wondering if you could maybe help me

Joe: Yes I probably could.

Calvin: Great! So do you have any problems you would need me to code a solution for?

Joe: Well we do a lot with news. We have commercial news sites that we use for getting things like the price of coal and stuff like that, but we don’t have anything to do that for consumer news sites.

Problem

Calvin: So what would that entail?

Joe: Well you would need to handle a lot of data and parse into links sorted by relevance. It would need to be stored in a database for the output. People on my team would use it so it would need to be easy to use. It would probably be a good idea to multithread because it’s a lot of data.

Calvin: Ok cool I’ll update you with my progress.

Joe: Sounds good.

[Calvin leaves]

Hi Calvin!

I hope you had a good summer! I spoke with my management earlier and we can only use data which is also available to the public, but that doesn’t mean we can’t still do something cool and useful to AEP. I had a couple of ideas, but I’m open to anything.

Com Ops uses a tremendous amount of information (for example news stories) from a large number of disparate sources. There is usually a lot of data presented that is of no use, but we still have to sift through it to find the few useful items. One idea I had was to write a program that could analyze various sites and produce a list of things we might be interested in. The most fun option might be to use the free (standard version) Twitter API (<https://developer.twitter.com/en/docs.html>), but you could always just pull in a couple of news sources instead. You could use a string compare or regex to find specific strings that would be of interest. Regular expressions are a little scary at first, but they are useful for a lot of different situations and worth learning. You mentioned that you were interested in machine learning, if you want to take that on you could use automatic classification tools (that will be a lot of work though). If you wanted to build a GUI, the user could input keywords to look for. You could write the results to an HTML file (maybe just links and a subject line) or even a database if you want to get ambitious. Just one idea, and if you like it we can flesh out the requirements.

Another option I thought of is to use the publicly available Data Miner 2 from the PJM website (<https://www.pjm.com/markets-and-operations/etools/data-miner-2.aspx>). PJM is a bulk electricity market that AEP sells our generation (energy created from our power plants) into and buys our load (the electricity our customers actually use). We can go over what the market is and isn’t if you want to go this route. Data Miner 2 has a web service API (<https://www.pjm.com/-/media/etools/data-miner-2/data-miner-2-api-guide.ashx?la=en>), though I’ve never used it so I’m not sure how complicated it is. Pretty much anything publicly available on Data Miner 2 would be useful. If you wanted you could store it into a database like derby (<https://db.apache.org/derby/>) or something.

Let me know what you think. I’m open to just about anything.

Thanks!

-Joe

Thanks for working to let me help you with some programs. I'm not really sure what the second option's goal would be, do you think you could elaborate a little on it? The first option looks like it would work well for me though, and I've done some regex stuff before in linux although I'll need to brush up a little on using that with Java. I also did some GUI work last year for a project so I could make a front end for it too. I'm interested in the ML automatic classification feature for that as well, and it would be really great to pipe the output to a database. What are the requirements for that project?

Also, when would you need me to come down to AEP next?

Thanks,

Calvin Kinateder

Appendix 2: Git Log

9da0ba4 - (HEAD -> master, origin/master) 10th complexity - could be done (24 hours ago - Fri, 22 Feb 2019 09:35:34 -0500) <Calvin>

5d9ce7f - code almost done (2 days ago - Thu, 21 Feb 2019 20:44:11 -0500) <calvin kinateder>

d74f7a3 - fix spelling errors lol (7 days ago - Sat, 16 Feb 2019 18:19:16 -0500) <calvin kinateder>

9fae94d - fix style (8 days ago - Fri, 15 Feb 2019 18:49:52 -0500) <calvin kinateder>

4c0f5b4 - updated class overview (10 days ago - Wed, 13 Feb 2019 06:52:11 -0500) <calvin kinateder>

2083f22 - added more comments (11 days ago - Mon, 11 Feb 2019 22:12:34 -0500) <calvin kinateder>

ba1489b - vector successfully eliminated (13 days ago - Sun, 10 Feb 2019 18:44:05 -0500) <calvin kinateder>

479708a - about to try to eliminate Vector :/ (2 weeks ago - Wed, 6 Feb 2019 17:47:23 -0500) <calvin kinateder>

ae4940f - fixed csv problem (3 weeks ago - Tue, 5 Feb 2019 20:07:26 -0500) <calvin kinateder>

65a3f02 - Update README.md (3 weeks ago - Sun, 3 Feb 2019 14:37:51 -0500) <Calvin Kinateder>

0631782 - Update README.md (3 weeks ago - Sun, 3 Feb 2019 14:36:47 -0500) <Calvin Kinateder>

9d169c5 - Update README.md (3 weeks ago - Sun, 3 Feb 2019 14:36:33 -0500) <Calvin Kinateder>

855a8b1 - Update README.md (3 weeks ago - Sun, 3 Feb 2019 14:35:51 -0500) <Calvin Kinateder>

4268efe - Update README.md (3 weeks ago - Sun, 3 Feb 2019 14:33:29 -0500) <Calvin Kinateder>

c2b2fb9 - Update README.md (3 weeks ago - Sun, 3 Feb 2019 14:33:09 -0500) <Calvin Kinateder>

17460de - added backup sources hardcoded (3 weeks ago - Sat, 2 Feb 2019 15:57:40 -0500) <calvin kinateder>

18c795a - Merge origin/master (3 weeks ago - Sat, 2 Feb 2019 15:38:45 -0500) <calvin kinateder>

3c2dc7a - changed icon on main screen and move and rename like everything (3 weeks ago - Sat, 2 Feb 2019 15:38:30 -0500) <calvin kinateder>

0b3b8e8 - Update README.md (3 weeks ago - Sat, 2 Feb 2019 15:16:45 -0500) <Calvin Kinateder>

52b7c3f - Update README.md (3 weeks ago - Sat, 2 Feb 2019 15:16:24 -0500) <Calvin Kinateder>

6048ed6 - Update README.md (3 weeks ago - Sat, 2 Feb 2019 15:16:10 -0500) <Calvin Kinateder>

e36b9cf - moved some files around (3 weeks ago - Sat, 2 Feb 2019 15:10:24 -0500) <calvin kinateder>

b4c6bb2 - aDDED a comment (3 weeks ago - Thu, 31 Jan 2019 09:26:43 -0500) <calvin kinateder>

4816f57 - removed unused imports (3 weeks ago - Wed, 30 Jan 2019 15:03:18 -0500) <calvin kinateder>

190493d - more javadoc updating again (3 weeks ago - Wed, 30 Jan 2019 14:08:30 -0500) <calvin kinateder>

5e25c9d - changed icons, added quit button (4 weeks ago - Tue, 29 Jan 2019 13:56:59 -0500) <Calvin>

5ce4669 - deleted unused files and removed license headers (4 weeks ago - Tue, 29 Jan 2019 12:21:10 -0500) <Calvin>

2b88d2d - twitter gone (4 weeks ago - Tue, 29 Jan 2019 12:06:52 -0500) <Calvin>

b368db1 - more documentation (4 weeks ago - Tue, 29 Jan 2019 11:52:28 -0500) <Calvin>

a5d7f97 - more javadoc updating again (4 weeks ago - Mon, 28 Jan 2019 21:16:56 -0500) <calvin kinateder>

a296733 - more javadoc updating (4 weeks ago - Mon, 28 Jan 2019 18:24:27 -0500) <calvin kinateder>

1c46150 - added more javadoc (4 weeks ago - Mon, 28 Jan 2019 15:41:17 -0500) <Calvin>

9324749 - possibly fixed java.util.ConcurrentModificationException (4 weeks ago - Mon, 28 Jan 2019 10:28:54 -0500) <Calvin>

fb2495b - added error catching and reporting for Tools (4 weeks ago - Sun, 27 Jan 2019 22:01:06 -0500) <calvin kinateder>

212e56b - can restart! (4 weeks ago - Sun, 27 Jan 2019 21:49:42 -0500) <calvin kinateder>

21b8f7b - added different extractor finish message (4 weeks ago - Sun, 27 Jan 2019 21:39:16 -0500) <calvin kinateder>

75418ba - removed more unused functions (4 weeks ago - Sun, 27 Jan 2019 15:39:11 -0500) <Calvin>

41f14fd - removed more unused functions (4 weeks ago - Sun, 27 Jan 2019 15:19:16 -0500) <Calvin>

72fbe07 - took out some unnessecary code (4 weeks ago - Sun, 27 Jan 2019 13:29:17 -0500) <calvin kinateder>

85fe79f - removed unused file variable (3 months ago - Mon, 3 Dec 2018 10:14:12 -0500) <calvin kinateder>

7e5b41f - cleaned up (3 months ago - Mon, 12 Nov 2018 08:32:40 -0500) <Calvin>

4144fc6 - added op.gif + deleted some duplicate files (3 months ago - Mon, 12 Nov 2018 08:27:51 -0500) <Calvin>

b38b175 - sync (3 months ago - Sun, 11 Nov 2018 17:42:30 -0500) <Calvin>

2309db1 - fixed output not opening (4 months ago - Wed, 7 Nov 2018 22:22:28 -0500) <calvin kinateder>

41072a9 - removed 1 thing (4 months ago - Wed, 7 Nov 2018 22:05:07 -0500) <calvin kinateder>

734dbc9 - added more umls (4 months ago - Wed, 7 Nov 2018 21:58:33 -0500) <Calvin>

9ce9c2b - sync (4 months ago - Wed, 7 Nov 2018 18:24:13 -0500) <Calvin>

59fbce3 - fixed width issues (4 months ago - Tue, 6 Nov 2018 21:59:01 -0500) <calvin kinateder>

e3c7cd5 - output looks nicer also fixed the sorting issue by making a temp copy of the hitLinks (4 months ago - Tue, 6 Nov 2018 21:54:10 -0500) <calvin kinateder>

c18dea2 - changed to LDA multicore (4 months ago - Mon, 5 Nov 2018 12:04:24 -0500) <Calvin>

33a2253 - syncing classifier2 still crashes on CoherenceModel (4 months ago - Mon, 5 Nov 2018 07:02:45 -0500) <calvin kinateder>

e651149 - added mallet and trump3078 dataset (4 months ago - Fri, 2 Nov 2018 14:24:44 -0400) <Calvin>

6123ab1 - biggest dataset (4 months ago - Thu, 1 Nov 2018 22:36:57 -0400) <calvin kinateder>

91e44f2 - html works well (4 months ago - Thu, 1 Nov 2018 14:44:42 -0400) <Calvin>

22b658b - updated links.csv (4 months ago - Wed, 31 Oct 2018 22:10:40 -0400) <calvin kinateder>

4ecd6de - started saveToHTML() (4 months ago - Wed, 31 Oct 2018 15:01:44 -0400) <Calvin>

b6cbb72 - added getFreq2() (4 months ago - Wed, 31 Oct 2018 14:57:02 -0400) <Calvin>

ed6e59c - updated classifier.py (4 months ago - Tue, 30 Oct 2018 11:09:26 -0400) <calvin kinateder>

cd79d34 - classifier updated and moved some stuff around (4 months ago - Mon, 29 Oct 2018 15:01:37 -0400) <Calvin>

45ec391 - updated classifier.py (4 months ago - Mon, 29 Oct 2018 11:25:06 -0400) <calvin kinateder>

51a1805 - topic modeling ACTUALLY KIND OF WORKS!!! (4 months ago - Mon, 29 Oct 2018 01:29:36 -0400) <calvin kinateder>

341f3ff - no duplicate articles (4 months ago - Sun, 28 Oct 2018 19:34:32 -0400) <calvin kinateder>

20f172a - changed screenshots (4 months ago - Sun, 28 Oct 2018 17:36:10 -0400) <calvin kinateder>

0d42728 - changed a lot - changed datastructure and started on python (4 months ago - Sun, 28 Oct 2018 17:33:55 -0400) <calvin kinateder>

ec2f079 - sorting algorithm updated with multiple delimiters (4 months ago - Sat, 27 Oct 2018 22:30:23 -0400) <calvin kinateder>

cd31b0b - database works, added compareTo to Link, but sorting algorithm isn't good (4 months ago - Fri, 26 Oct 2018 11:42:00 -0400) <Calvin>

a98ea26 - added FinalLinks Derby database (4 months ago - Fri, 26 Oct 2018 09:13:33 -0400) <Calvin>

0c716be - tried to fix continuous errors on output (4 months ago - Tue, 16 Oct 2018 14:52:36 -0400) <Calvin>

0546791 - started migrating to ranking output by termFreq (4 months ago - Mon, 15 Oct 2018 19:33:27 -0400) <calvin kinateder>

e9d0b32 - update ia (4 months ago - Fri, 12 Oct 2018 00:53:45 -0400) <calvin kinateder>

51bc9bc - started framework for modes array (5 months ago - Thu, 11 Oct 2018 08:48:09 -0400) <Calvin>

530d7c6 - update ia (5 months ago - Thu, 11 Oct 2018 01:51:34 -0400) <calvin kinateder>

0f9e671 - hit count works! (5 months ago - Thu, 11 Oct 2018 01:27:02 -0400) <calvin kinateder>

5db03fb - added error color codes (5 months ago - Wed, 10 Oct 2018 19:56:55 -0400) <calvin kinateder>

962c7dd - added search settings and error color flashing (5 months ago - Tue, 9 Oct 2018 21:36:32 -0400) <calvin kinateder>

15562d5 - CHANGED SOURCES TO VECTOR (5 months ago - Tue, 9 Oct 2018 14:31:49 -0400) <Calvin>

47d0522 - Merge origin/master (5 months ago - Tue, 9 Oct 2018 08:06:32 -0400) <Calvin>

d7de0f5 - added link and stuff (5 months ago - Mon, 8 Oct 2018 21:35:08 -0400) <calvin kinateder>

a1e415c - delimit in comma csv (5 months ago - Mon, 8 Oct 2018 20:55:08 -0400) <calvin kinateder>

49944bb - Delete Mon Oct 8 13:49:14 EDT 2018.txt (5 months ago - Mon, 8 Oct 2018 16:43:28 -0400) <Calvin Kinateder>

6d92b7d - added purposes to each file, 10 (5 months ago - Mon, 8 Oct 2018 14:44:34 -0400) <Calvin>

f37ad39 - added log\_MAC.command (5 months ago - Mon, 8 Oct 2018 13:50:10 -0400) <Calvin>

b783566 - fixed scroller not updating and added catch to prohibit source modification while running (5 months ago - Mon, 8 Oct 2018 13:23:16 -0400) <Calvin>

0a75026 - updated working tree (5 months ago - Mon, 8 Oct 2018 00:30:39 -0400) <calvin kinateder>

39f540e - updated IA.docx (5 months ago - Sat, 6 Oct 2018 19:09:10 -0400) <calvin kinateder>

55dd6fd - fixed some formatting (5 months ago - Sat, 6 Oct 2018 16:23:17 -0400) <calvin kinateder>

30c34e2 - fixed some formatting (5 months ago - Sat, 6 Oct 2018 16:22:39 -0400) <calvin kinateder>

cfaec09 - about to migrate to full on LINK (5 months ago - Sat, 6 Oct 2018 02:32:57 -0400) <calvin kinateder>

2de8e05 - open out opens links.txt (5 months ago - Fri, 5 Oct 2018 21:51:26 -0400) <calvin kinateder>

bac4759 - ICONS WORK!!! (5 months ago - Fri, 5 Oct 2018 20:59:10 -0400) <calvin kinateder>

2637835 - mainly just updated working tree (5 months ago - Fri, 5 Oct 2018 14:56:28 -0400) <Calvin>

0d9b3d1 - added tooltips (5 months ago - Thu, 4 Oct 2018 13:03:31 -0400) <Calvin>

f90af2b - changed screenshot (5 months ago - Thu, 4 Oct 2018 10:55:29 -0400) <Calvin>

b7409a5 - made some things more consistent (5 months ago - Thu, 4 Oct 2018 09:37:18 -0400) <Calvin>

3b0a398 - renamed variables and took out the trash (5 months ago - Thu, 4 Oct 2018 09:23:44 -0400) <Calvin>

3959af7 - update (5 months ago - Wed, 3 Oct 2018 07:26:48 -0400) <calvin>

388ebbd - improved quit time by 99% (5 months ago - Tue, 2 Oct 2018 14:51:46 -0400) <Calvin>

60db300 - source editor doesnt work but ok to revert to (5 months ago - Tue, 2 Oct 2018 12:02:07 -0400) <Calvin>

b45ce35 - addasource sucks so were gonna fix that next (5 months ago - Mon, 1 Oct 2018 20:30:13 -0400) <calvin>

002011f - fixed scrolling stuff (5 months ago - Mon, 1 Oct 2018 17:48:13 -0400) <calvin>

7e16521 - more cosmetic (5 months ago - Mon, 1 Oct 2018 14:04:57 -0400) <Calvin>

b9d0c56 - added constant for output size and formatted scroller a little (5 months ago - Mon, 1 Oct 2018 12:24:05 -0400) <Calvin>

37f1337 - Added automatic refresh plus complete notification (5 months ago - Sat, 29 Sep 2018 12:42:35 -0400) <calvin>

dd443f3 - minor (5 months ago - Fri, 28 Sep 2018 22:13:54 -0400) <calvin>

2881453 - BIG ONE : THREAD STOP WORKS (5 months ago - Fri, 28 Sep 2018 16:25:35 -0400) <calvin>

d6c031f - modified some names (5 months ago - Fri, 28 Sep 2018 14:50:45 -0400) <Calvin>

b5d8ef1 - added uml project (5 months ago - Fri, 28 Sep 2018 11:22:07 -0400) <Calvin>

1448d59 - updated writeup (5 months ago - Thu, 27 Sep 2018 13:29:10 -0400) <Calvin>

b296504 - added reuters (5 months ago - Wed, 26 Sep 2018 14:07:23 -0400) <Calvin>

a5be823 - Added apache common codec (5 months ago - Wed, 26 Sep 2018 10:10:55 -0400) <Calvin>

607ff35 - change to vector (5 months ago - Tue, 25 Sep 2018 21:46:36 -0400) <calvin kinateder>

420dd88 - continuing linkset (5 months ago - Tue, 25 Sep 2018 16:59:47 -0400) <Calvin>

2031f8e - started linkset (5 months ago - Tue, 25 Sep 2018 13:56:05 -0400) <Calvin>

c808764 - Added Link Class (5 months ago - Tue, 25 Sep 2018 10:35:54 -0400) <Calvin>

a659979 - ADDED ia (5 months ago - Mon, 24 Sep 2018 11:45:51 -0400) <Calvin>

476a949 - replace datasets (5 months ago - Wed, 19 Sep 2018 21:04:18 -0400) <calvin kinateder>

ffde864 - added files (5 months ago - Wed, 19 Sep 2018 17:01:07 -0400) <Calvin>

8745104 - fixed source updating problem and added datasets (5 months ago - Tue, 18 Sep 2018 09:35:29 -0400) <Calvin>

471f20b - update sc (5 months ago - Mon, 17 Sep 2018 13:52:27 -0400) <Calvin>

84b7289 - added verbose option (5 months ago - Mon, 17 Sep 2018 13:50:25 -0400) <Calvin>

9e66540 - updated scroller (5 months ago - Sun, 16 Sep 2018 19:36:32 -0400) <calvin kinateder>

8608e6f - added long out (5 months ago - Fri, 14 Sep 2018 18:54:01 -0400) <calvin kinateder>

b44c9e6 - update (5 months ago - Fri, 14 Sep 2018 15:02:52 -0400) <Calvin>

1802279 - moved scroll to scroller (5 months ago - Fri, 14 Sep 2018 14:13:55 -0400) <Calvin>

2d68635 - disregard source changes, but scroll works (5 months ago - Fri, 14 Sep 2018 13:34:31 -0400) <Calvin>

435771e - finished message is good (5 months ago - Fri, 14 Sep 2018 12:56:28 -0400) <Calvin>

58bbc80 - fixed concurrency error when clicking extract when running (5 months ago - Thu, 13 Sep 2018 20:54:38 -0400) <Calvin>

37bea48 - MAJOR MAJOR MAJOR - STOP FINALLY WORKS OKAY - some sync probs tho (5 months ago - Thu, 13 Sep 2018 18:09:31 -0400) <calvin kinateder>

7dd70ea - update (5 months ago - Thu, 13 Sep 2018 17:13:00 -0400) <Calvin>

dfaec7b - progress output works well (5 months ago - Thu, 13 Sep 2018 16:22:56 -0400) <Calvin>

76a7beb - Updated formatting (5 months ago - Thu, 13 Sep 2018 08:26:16 -0400) <Calvin>

4c942a6 - Extends thread not implements runnable. now can access extractor vars so cool (5 months ago - Wed, 12 Sep 2018 20:53:19 -0400) <Calvin>

d467dbf - OK to revert - progress bar works great (6 months ago - Tue, 11 Sep 2018 08:06:09 -0400) <Calvin>

ea2f66e - dont revert just updating progress (6 months ago - Mon, 10 Sep 2018 17:01:37 -0400) <Calvin>

f48b8d5 - MAJOR. REVERT TO HERE. Progress works! (6 months ago - Mon, 10 Sep 2018 15:11:48 -0400) <Calvin>

3e489c3 - background runner works well (6 months ago - Mon, 10 Sep 2018 14:40:00 -0400) <Calvin>

51cf4cf - extractorcontainer is replaced by background runner (6 months ago - Mon, 10 Sep 2018 09:06:57 -0400) <Calvin>

49961df - just backing up work DO NOT REVERT (6 months ago - Mon, 10 Sep 2018 08:43:23 -0400) <Calvin>

7f73529 - update working tree dont revert to here (6 months ago - Mon, 10 Sep 2018 07:26:13 -0400) <calvin kinateder>

644b6e7 - wouldn't necessarily revert to here, just updating tree for desktop (6 months ago - Sat, 8 Sep 2018 17:30:14 -0400) <Calvin>

30c971f - modified props and little ui change (6 months ago - Fri, 7 Sep 2018 09:17:17 -0400) <Calvin>

3daad9b - added sources and authentication (6 months ago - Wed, 5 Sep 2018 09:50:20 -0400) <Calvin>

97c3158 - added refresh src button (6 months ago - Mon, 3 Sep 2018 15:28:48 -0400) <calvin kinateder>

d2dd75a - fixed readme.md (6 months ago - Mon, 3 Sep 2018 15:23:55 -0400) <calvin kinateder>

299b280 - Delete sgmain.PNG (6 months ago - Mon, 3 Sep 2018 15:22:15 -0400) <Calvin Kinateder>

30caa0f - Update README.md (6 months ago - Mon, 3 Sep 2018 15:21:43 -0400) <Calvin Kinateder>

9d361cb - fixed readme.md (6 months ago - Mon, 3 Sep 2018 15:20:59 -0400) <calvin kinateder>

98e4982 - fixed readme.md (6 months ago - Mon, 3 Sep 2018 15:18:54 -0400) <calvin kinateder>

bf4ef6f - fixed readme.md (6 months ago - Mon, 3 Sep 2018 15:17:31 -0400) <calvin kinateder>

13214a7 - revisited main layout (6 months ago - Mon, 3 Sep 2018 15:14:40 -0400) <calvin kinateder>

de6b00d - works about to change executor to larger scope ok to revert to (6 months ago - Mon, 3 Sep 2018 14:47:34 -0400) <calvin kinateder>

5c88b89 - about to change to executor.submit - OK TO REVERT (6 months ago - Sun, 2 Sep 2018 07:57:57 -0400) <calvin kinateder>

0a3ba6e - updated ok to revert (6 months ago - Sat, 1 Sep 2018 17:44:33 -0400) <calvin kinateder>

d5edead - source editor works ok to revert still needs work though (6 months ago - Sat, 1 Sep 2018 17:34:47 -0400) <calvin kinateder>

fc762cd - executerservice works just like thread rn. but added sources. multithreaded speed confirmed. (6 months ago - Sat, 1 Sep 2018 15:14:23 -0400) <calvin kinateder>

d212677 - Added some functions for joining threads, still stuck. beginning port to executor service. ok to revert to (6 months ago - Sat, 1 Sep 2018 10:57:40 -0400) <calvin kinateder>

d4fd45c - search works well now extract with threads still a little glitchy ok to revert to i guess (6 months ago - Thu, 30 Aug 2018 20:20:23 -0400) <calvin kinateder>

d6ffb98 - multithread works but still dont revert yet (6 months ago - Thu, 30 Aug 2018 16:45:08 -0400) <calvin kinateder>

4ff8515 - DO NOT REVERT TO THIS COMMIT -- BETA -- ADDED EXTRACTOR CONTAINER (6 months ago - Thu, 30 Aug 2018 15:47:03 -0400) <Calvin>

c6578f6 - single threaded works (6 months ago - Thu, 30 Aug 2018 08:32:00 -0400) <Calvin>

daa5669 - added twitter custom checkbox (6 months ago - Wed, 29 Aug 2018 20:09:42 -0400) <calvin kinateder>

e9d3cc9 - better code (6 months ago - Wed, 29 Aug 2018 14:50:13 -0400) <Calvin>

083a00c - attached remote javadoc to jtwitter: https://www.winterwell.com/software/jtwitter/javadoc/ (6 months ago - Wed, 29 Aug 2018 14:30:14 -0400) <Calvin>

f98f03b - added libs (6 months ago - Wed, 29 Aug 2018 14:11:31 -0400) <Calvin>

fd8ae4b - writes as it goes (6 months ago - Tue, 28 Aug 2018 20:36:58 -0400) <calvin kinateder>

e365048 - writes as it goes (6 months ago - Tue, 28 Aug 2018 20:23:03 -0400) <calvin kinateder>

a75edc0 - Changed main ui (6 months ago - Tue, 28 Aug 2018 15:25:26 -0400) <Calvin>

0b2ffd9 - Fixed broken project (6 months ago - Tue, 28 Aug 2018 14:37:35 -0400) <Calvin>

bc24ed3 - Fixed broken project (6 months ago - Tue, 28 Aug 2018 14:32:05 -0400) <Calvin>

ea2d69a - Delete project.xml (6 months ago - Tue, 28 Aug 2018 14:21:17 -0400) <Calvin Kinateder>

b96d615 - Delete project.properties (6 months ago - Tue, 28 Aug 2018 14:21:11 -0400) <Calvin Kinateder>

e53896a - Delete genfiles.properties (6 months ago - Tue, 28 Aug 2018 14:21:04 -0400) <Calvin Kinateder>

c5ee986 - Delete build-impl.xml (6 months ago - Tue, 28 Aug 2018 14:20:52 -0400) <Calvin Kinateder>

7ce2fd6 - Delete manifest.mf (6 months ago - Tue, 28 Aug 2018 14:20:39 -0400) <Calvin Kinateder>

4ac773d - Delete links.txt (6 months ago - Tue, 28 Aug 2018 14:20:31 -0400) <Calvin Kinateder>

b83606c - Delete build.xml (6 months ago - Tue, 28 Aug 2018 14:20:18 -0400) <Calvin Kinateder>

abbc215 - Delete acountss.txt (6 months ago - Tue, 28 Aug 2018 14:20:08 -0400) <Calvin Kinateder>

81ed1c3 - Delete Java 8 Articles (6 months ago - Tue, 28 Aug 2018 14:20:01 -0400) <Calvin Kinateder>

cd7cd4d - remove storygrab folder (6 months ago - Tue, 28 Aug 2018 14:18:33 -0400) <Calvin>

d2c516c - tst (6 months ago - Tue, 28 Aug 2018 14:16:27 -0400) <Calvin>

6509ccd - extractor works recursively (6 months ago - Tue, 28 Aug 2018 14:11:32 -0400) <Calvin>

32f04c5 - changed extractor (6 months ago - Tue, 28 Aug 2018 13:26:22 -0400) <Calvin>

8b9560b - added links (6 months ago - Tue, 28 Aug 2018 08:25:48 -0400) <Calvin>

32928d7 - added nonfunct xtractor (6 months ago - Mon, 27 Aug 2018 21:23:03 -0400) <calvin kinateder>

713fceb - added period (6 months ago - Mon, 27 Aug 2018 20:37:33 -0400) <calvin kinateder>

d0def41 - added help menu (6 months ago - Mon, 27 Aug 2018 17:00:19 -0400) <calvin kinateder>

bae6355 - fixed last commit (6 months ago - Mon, 27 Aug 2018 09:16:20 -0400) <Calvin>

1a828b3 - Update README.md (6 months ago - Mon, 27 Aug 2018 09:15:05 -0400) <Calvin Kinateder>

dd77a32 - Update README.md (6 months ago - Mon, 27 Aug 2018 09:14:28 -0400) <Calvin Kinateder>

ca3f5e8 - Update README.md (6 months ago - Mon, 27 Aug 2018 09:14:16 -0400) <Calvin Kinateder>

ed28358 - Merge origin/master (6 months ago - Mon, 27 Aug 2018 09:11:24 -0400) <Calvin>

bdc93de - BIG ONE: Removed access to create account panel-it was not necessary and it was insecure (6 months ago - Mon, 27 Aug 2018 09:11:00 -0400) <Calvin>

cb4d40b - Update README.md (6 months ago - Mon, 27 Aug 2018 08:55:14 -0400) <Calvin Kinateder>

0946599 - Update README.md (6 months ago - Mon, 27 Aug 2018 08:54:33 -0400) <Calvin Kinateder>

c58167b - Update README.md (6 months ago - Sun, 26 Aug 2018 20:52:02 -0400) <Calvin Kinateder>

627a131 - added screenshots (6 months ago - Sun, 26 Aug 2018 20:47:04 -0400) <calvin kinateder>

8eefafd - added two icons (6 months ago - Sun, 26 Aug 2018 20:44:35 -0400) <calvin kinateder>

d0aee4f - fixed corners by changing JFrame shape (6 months ago - Sat, 25 Aug 2018 20:35:12 -0400) <calvin kinateder>

0663cf6 - fixed mac issue with spawning pwdfield in create account (6 months ago - Sat, 25 Aug 2018 19:11:21 -0400) <Calvin>

2bb0652 - add logo (6 months ago - Sat, 25 Aug 2018 23:07:07 -0400) <calvin kinateder>

7e02be6 - change author from calvi to my actual name (6 months ago - Sat, 25 Aug 2018 14:04:12 -0400) <calvin kinateder>

3b0c9e6 - Cleaned up functions and improved create accounts screen (6 months ago - Sat, 25 Aug 2018 14:02:18 -0400) <calvi>

37f5a7e - Buttons and labels now work for release too (6 months ago - Sat, 25 Aug 2018 13:20:11 -0400) <calvi>

2a7cff4 - Big one: fixed buttons toggling and create account only works if it fields are filled all the way To do: pressed not clicked for buttons (6 months ago - Sat, 25 Aug 2018 12:15:02 -0400) <calvi>

a3ecd69 - added writing accounts to file and loading (6 months ago - Fri, 24 Aug 2018 22:22:40 -0400) <calvi>

694b1f3 - added create account (6 months ago - Fri, 24 Aug 2018 16:51:48 -0400) <calvi>

b159377 - update readme (6 months ago - Fri, 24 Aug 2018 16:12:39 -0400) <calvi>

81733bc - update readme (6 months ago - Fri, 24 Aug 2018 16:12:01 -0400) <calvi>

ce0b7fb - Added Accountmanager and user classes. (6 months ago - Fri, 24 Aug 2018 15:36:11 -0400) <Calvin>

bd1a92c - added checked and unchecked icons - may not be used (6 months ago - Fri, 24 Aug 2018 13:52:04 -0400) <Calvin>

94521e8 - login creates new screen (6 months ago - Fri, 24 Aug 2018 13:51:20 -0400) <Calvin>

3b0946e - Made it look nicer and added icons (6 months ago - Fri, 24 Aug 2018 09:14:14 -0400) <Calvin>

b55b0c3 - add lib (6 months ago - Fri, 24 Aug 2018 07:29:15 -0400) <calvi>

3030fbf - update readme (6 months ago - Fri, 24 Aug 2018 07:26:50 -0400) <calvi>

2e14007 - update readme (6 months ago - Fri, 24 Aug 2018 07:26:30 -0400) <calvi>

350a022 - Create README.md (6 months ago - Thu, 23 Aug 2018 20:33:16 -0400) <Calvin Kinateder>

abb3afc - Fixed opacity problem and added X (6 months ago - Thu, 23 Aug 2018 20:31:44 -0400) <calvi>

29493ca - First commit (6 months ago - Thu, 23 Aug 2018 19:48:02 -0400) <calvi>