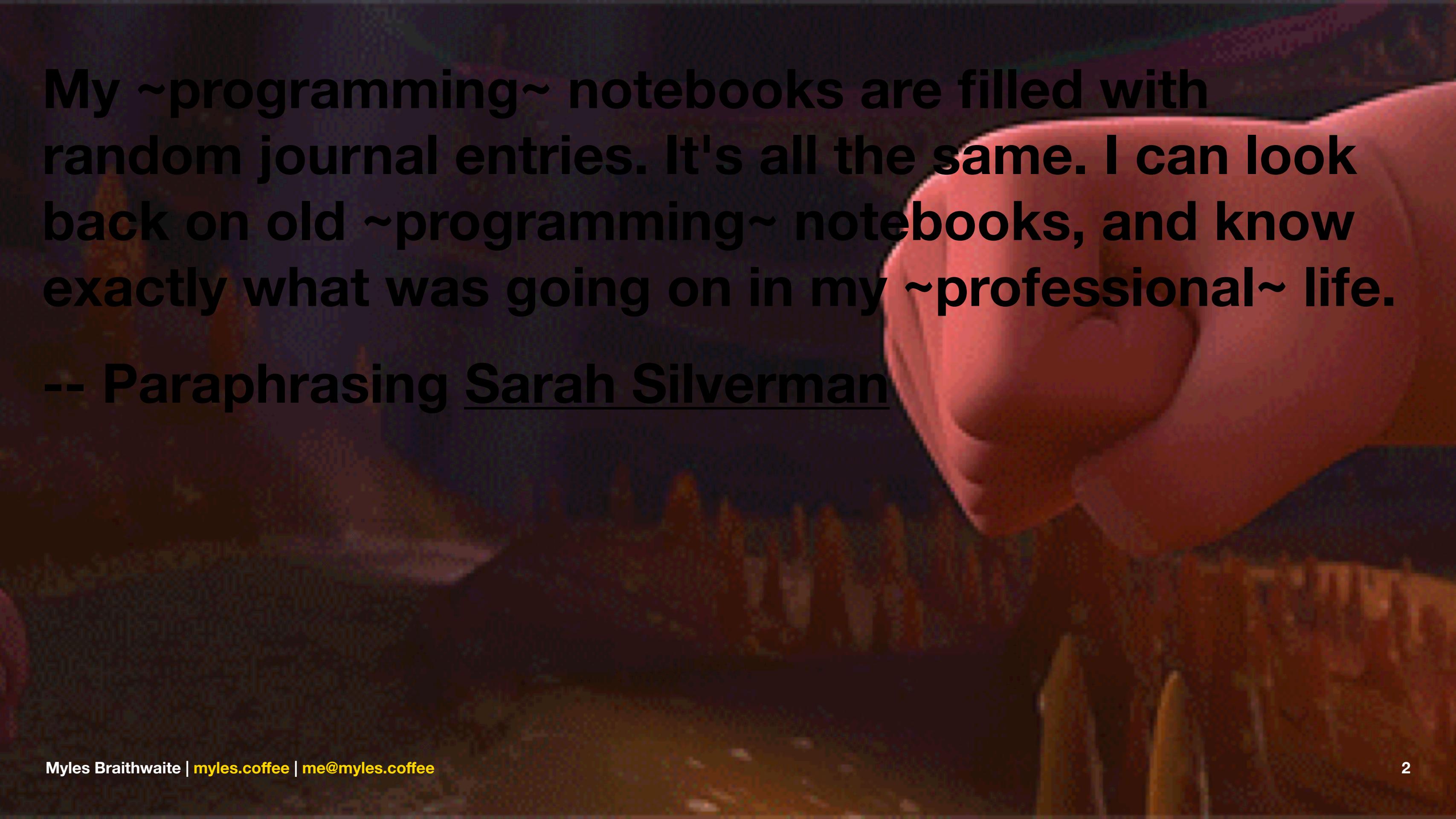




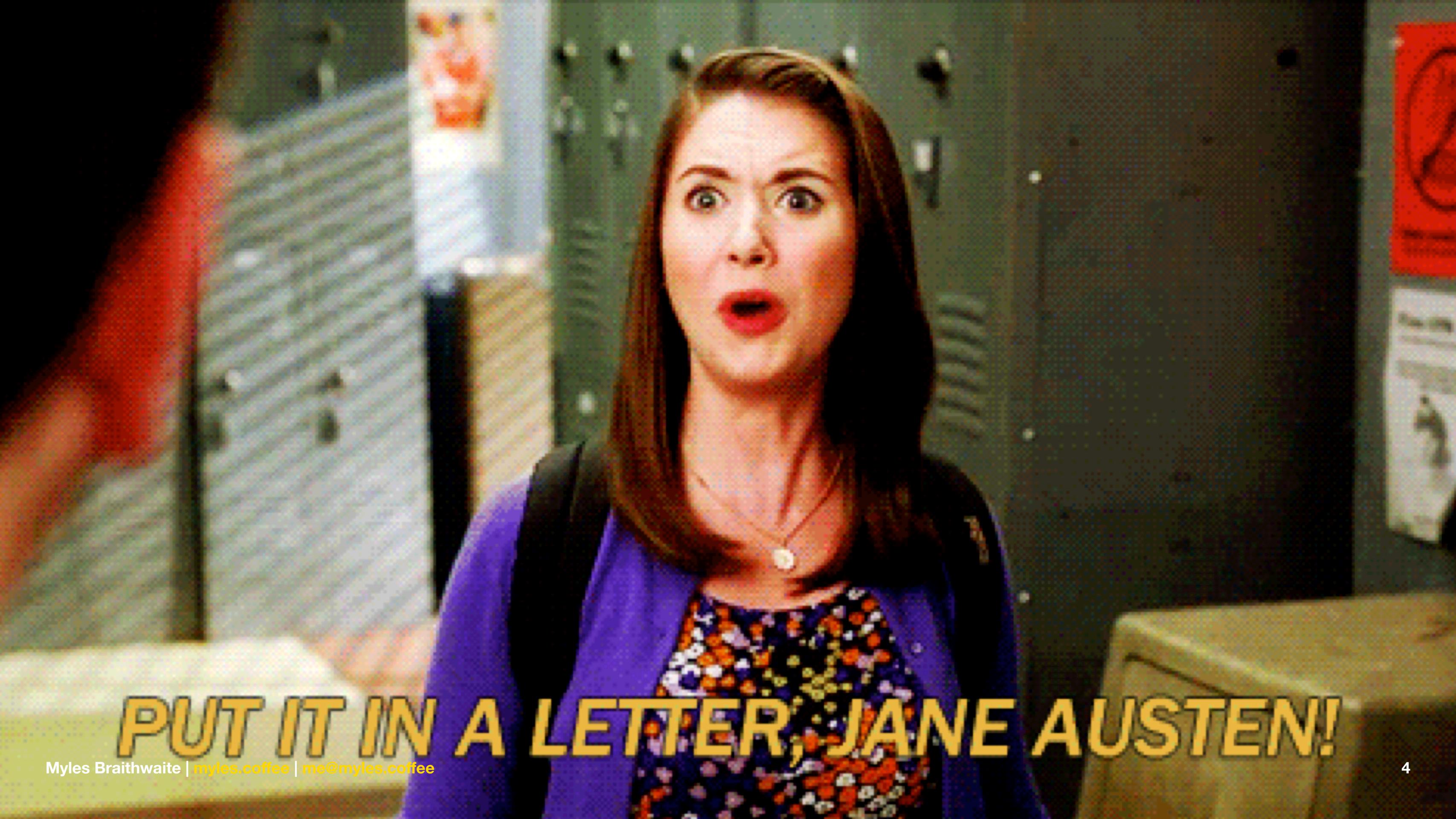
A journal in your command line.



My ~programming~ notebooks are filled with random journal entries. It's all the same. I can look back on old ~programming~ notebooks, and know exactly what was going on in my ~professional~ life.

- Paraphrasing Sarah Silverman

Dear diary: Today I was
pompous and my sister
was crazy. Today we were
kidnapped by hill folk,
never to be seen again. It
was the best day ever.



PUT IT IN A LETTER, JANE AUSTEN!

Who actually has time to write *paragraphs* of text?

twtr

http://twtr.com/t/account/identify

Gmail - Inbox Google Calendar Valleywag Welcome to Flickr! del.icio.us/popular Google AdSense

Gmail - Inbox twtr



Use twtr to stay in touch with your friends all the time. If you have a cell and can txt, you'll never be bored again...E V E R !

What your friends are

- Kevin Systrom babysitting ago
- Jeremy home - boys to bed
- Katie It's my birthday! (about)

txt
(or)
What are you doing?

Timeline

follow along with what your friends are doing throughout the day

what up?

send updates from your cell or from the web about what's in yr head

Florian X [txt]
Garrett X [txt]
goldman X [txt]

myles.coffee me@myles.coffee

Sign in.

Mobile number (or email)

Password (or PIN)

Remember me

New? Sign up!

twtr works best when updated from your mobile phone. To verify you are you, we'll need your number.

Mobile number

Calm down neckbeards

The finger protocol's .project and .plan files predate Twitter.

```
$ finger me@myles.coffee
Login: myles
Directory: /home/myles
Office Phone +1 (647) 555-1234
On since Wed Mar 10 20:57 (EST) on pts/0 from batgirl.mylesbraithwaite.net
6 seconds idle
```

```
No mail.
Project:
Troll the subreddit of /r/conspiracy.
Plan:
```

```
World domination.
```

Office Hours:

Monday	9am - 11am
Tuesday	11am - 1pm
Wednesday	1pm - 3pm
Thursday	9am - 11am
Friday	3pm - 5pm

```
$ jrnl # Will launch in your $EDITOR.
```

```
$ jrnl "I am doing a short talk at @GTALUG on jrnl."  
[Journal created at /home/myles/BTSync/Journal/journal.txt]  
[Entry added to default journal]
```

```
$ cat $JOURNAL_FILE  
2015-03-10 20:30 I am doing a short talk @GTALUG on jrnl.
```

```
$ jrnl yesterday 1pm: "I started phase three of my @WorldDomination plan."  
[Entry added to default journal]
```

```
$ cat $JOURNAL_FILE  
2015-03-09 13:00 I started phase three of my @WorldDomination plan.
```

```
2015-03-10 20:30 I am doing a short talk @GTALUG on jrnl.
```

```
$ jrnl yesterday 2pm: "Had some issue with phase three of @WorldDomination.  
Apperently the sharkes don't come pre-trained."  
[Entry added to default journal]
```

- The yesterday 2pm will be interpreted as a time stamp
- The first sentence (everything before . ? ! : marks) will be interpreted as the title.
- The rest will be the body.

```
$ jrnл < text-document.txt
```

```
$ jrnl *: Phase three of the @WorldDomination plan has successsed.  
We used dophones instead of sharkes.  
[Entry added to default journal]
```

```
$ jrnл -starred  
2015-03-10 14:32 Phase three of the @WorldDomination plan has successed.  
| We used dophones instead of sharkes.
```

jrnл -1 --edit

```
$ jrnл -n 3
2015-03-10 14:32 Phase three of the @WorldDomination plan has successed.
| We used dophones instead of sharkes.
```

2015-03-10 16:00 Had my afternoon expresso @Coffee.

2015-03-10 20:30 I am doing a short talk @GTALUG on jrnл.

```
$ jrnl -on 2015-02-25
```

```
2015-02-25 09:54 Started working on my @GTALUG presentation on jrnl.
```

```
$ jrnл --tags  
@coffee : 4  
@worlddomination : 3  
@gtalug : 2
```

\$ jrnl @gtalug

2015-02-25 09:54 Started working on my @GTALUG presentation on jrnl.

2015-03-10 20:30 I am doing a short talk @GTALUG on jrnl.

```
$ jrnl @coffee -n 1  
2015-03-10 16:00 Had my afternoon espresso @Coffee.
```


\$ jrnл work at 9am: Had a meeting with @Steve about that electric car project. Management does not want to go though with it.

\$ jrnл work -n 3

Cross Platform

soyvinae

encryption

Old Joshua of the have emphasized the *cool* all took care, or

"Rip Van Winkle" was adopted by Qua-

He's main trouble seems

surprise. Sadly, such is not. Quayle's Rip is unconvincing. He expects the show to play him, while it is really to play Atlas.

or Logan has a similar
He hasn't found his
er. He has dared nothing
achieved the same as a

drug studies sponsored by a United States government agency. Call for additional information between 9 a.m. and 3 p.m. except Saturday. Pay varying amounts depending on size of order.

Security Agency, we think future . . . because our future and of this country's security depend on a team of intelligent, motivated people like you. At NSA you will design and develop systems that are our nation . . . secure communications computer systems which transmit, and analyze crucial information.

Career responsibilities will often involve advancing technologies that take us beyond the known and accepted series of knowledge. Imagination, enthusiasm and a real desire for career growth are essential qualifications for:

COMPUTER research, evaluation, communication using the research laboratory

LINGUISTIC

ONIC ENGINEERS: to carry out design, development testing and of sophisticated, large-scale nations and EDP devices latest equipment for advanced within NSA's fully instrumented \$.

RESEARCH SCIENTISTS: to participate in analysis and systems programmed to advanced scientific and technical applications. Software development is included, as well as hardware design, development and application.

S: Slavic, Near Eastern and
languages are particularly valuable
variety of translation, transcription,
and documentation projects.
ency is not essential, but knowl-
omatic, colloquial and dialectal
a desirable.

your future at NSA... today.

An NSA interview through your Office or write: Chief, College Branch, National Security Agency, Fort George G. Meade, Maryland 20755. M: M321. An Equal Opportunity Employer M/F.

ALL SECURITY AGENCY

STEREO COMPONENTS

coffee
Best prices anywhere on
more than 50 major brands.
TV's, calculators,
televisions, appliances. Call
our rep. Bob
361-1754

```
import hashlib, Crypto.Cipher

key = hashlib.sha256(my_password).digest()

with open("journal.txt", "r+") as f:
    cipher = f.read()

    crypto = AES.new(key, AES.MODE_CBC, iv=cipher[:16])

    plain = crypto.decrypt(cipher[16:])
    plain = plain.strip(plain[-1])
    plain = plain.decode("utf-8")

    f.write(plain)
    f.truncate()
```

If you're typing the letters A-E-S into your code,
you're doing it wrong.

— <http://www.cs.berkeley.edu/~daw/teaching/cs261-f12/misc/if.html>



How to install

```
$ [sudo] aptitude install python-pip python-crypto  
$ [sudo] pip install jrnl
```

Write your own

```
#!/bin/bash
DATE=`date +"%Y-%m-%d %H:%M"`
read
printf "$DATE $REPLY\n\n" >> "journal.txt"
```

- Web: myles.coffee
- Email: me@myles.coffee
- Twitter: [@mylesb](https://twitter.com/mylesb)



To the extent possible under law, **Myles Braithwaite** has waived all copyright and related or neighboring rights to jrn1 - A journal in your command line. This work is published from: **Canada**.

You can view the source for this presentation at
<https://github.com/myles/2015-03-10-jrnl>.

IT'S

9:00 pm O'CLOCK,

TIME FOR A

BEER