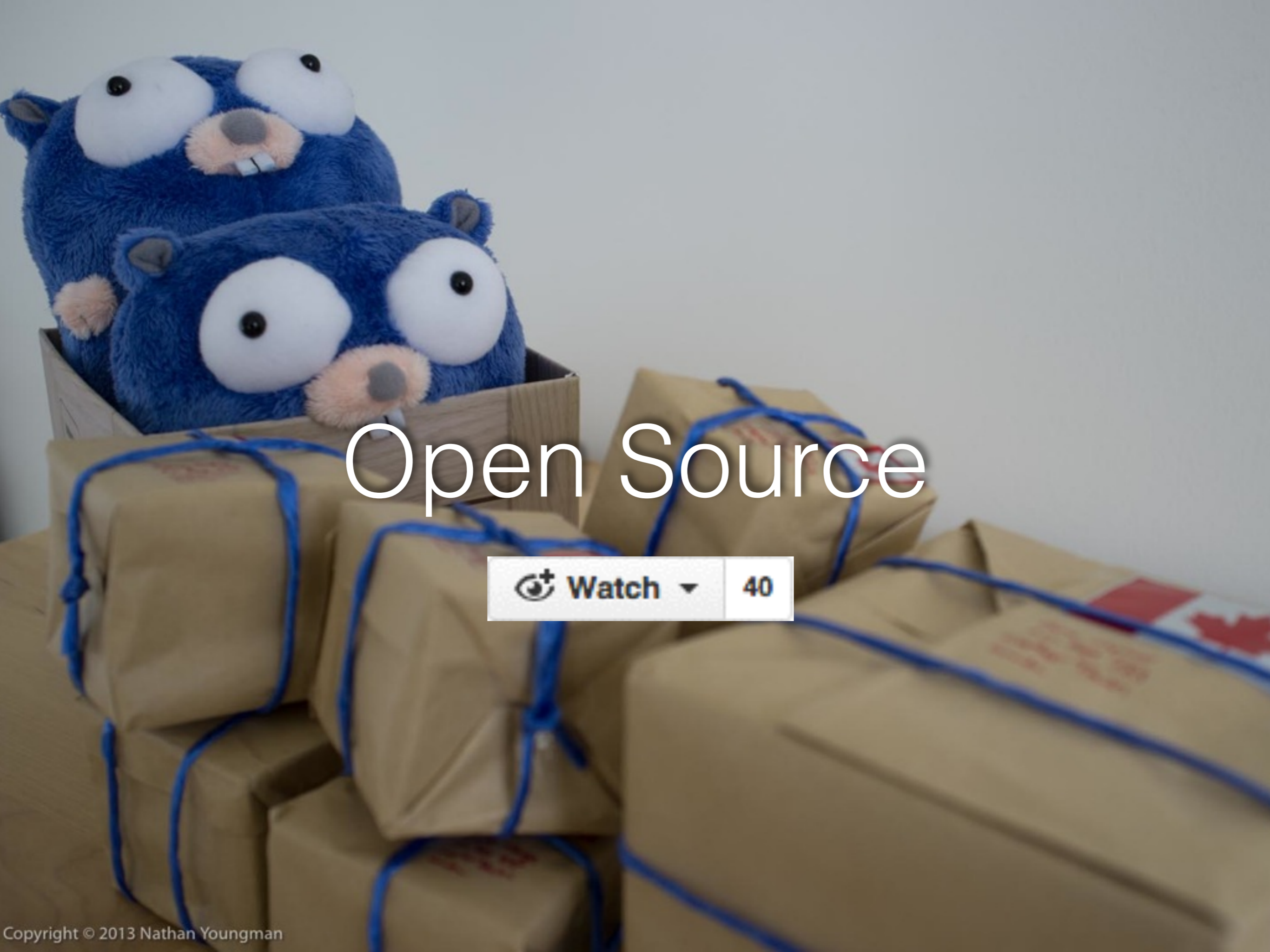


Learning by Contributing

@nathany



Open Source

| | |
|---|----|
|  Watch ▼ | 40 |
|---|----|

BRUCE
WILLIS

JOSEPH
GORDON-LEVITT

EMILY
BLUNT

FACE
YOUR PAST

FIGHT
YOUR FUTURE

WRITTEN AND DIRECTED BY RIAN JOHNSON

LOOPER

ENDGAME ENTERTAINMENT PRESENTS IN ASSOCIATION WITH DMG ENTERTAINMENT AND FILMNATION ENTERTAINMENT A RAM BERGMAN PRODUCTION A FILM BY RIAN JOHNSON BRUCE WILLIS JOSEPH GORDON-LEVITT EMILY BLUNT "LOOPER"
PAUL DANO NOAH SEGAN PIPER PERABO AND JEFF DANIELS CASTING BY MARY VERNIEU CSA MUSIC BY NATHAN JOHNSON COSTUME DESIGNER SHAREN DAVIS FILM EDITOR BOB DUCSAY PRODUCTION DESIGNER ED VERREAUX DIRECTOR OF PHOTOGRAPHY STEVE YEDLIN
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PRODUCED BY RAM BERGMAN AND JAMES D. STERN WRITTEN AND DIRECTED BY RIAN JOHNSON



howeyc/fsnotify

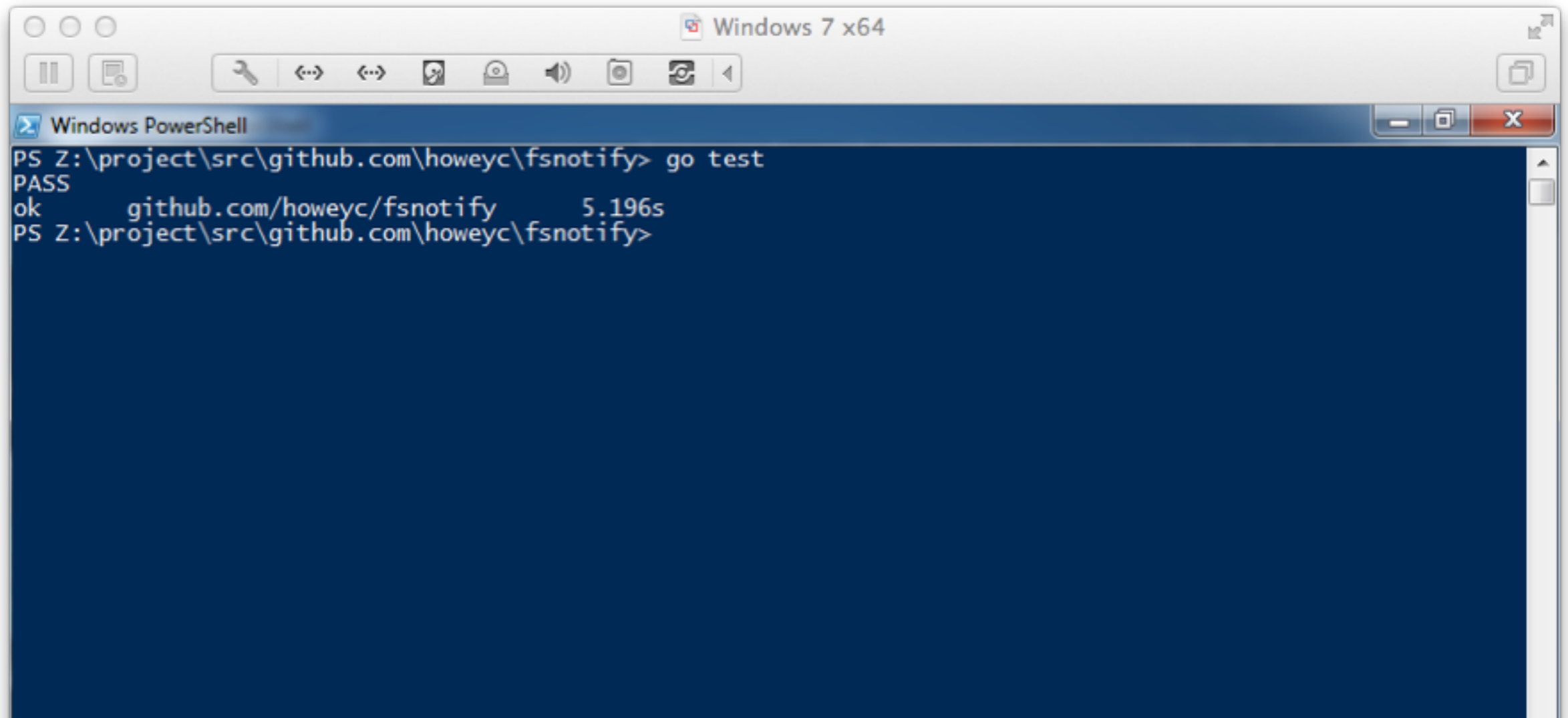
- Used by:
 - revel
 - jkl
 - gin
 - countless others...



Learning

| Adapter | OS |
|--------------------------------|----------------|
| inotify | Linux, Android |
| kqueue | BSD, OS X, iOS |
| ReadDirectoryChangesW | Windows |
| File Event Notifications (FEN) | Solaris 11 |
| FSEvents | OS X |
| fanotify | Linux |

Oh. Windows.

A screenshot of a Windows PowerShell terminal window. The window title is "Windows PowerShell" and the system tray shows "Windows 7 x64". The terminal output shows a successful Go test run for the repository "github.com/howeyc/fsnotify".

```
PS Z:\project\src\github.com\howeyc\fsnotify> go test
PASS
ok      github.com/howeyc/fsnotify      5.196s
PS Z:\project\src\github.com\howeyc\fsnotify>
```

Testing on multiple platforms.

<https://github.com/gophertown/vagrant-gopher>

Backwards compatibility



Code style

```
pathsToRemove := make([]string, 0)
```

“Just write:

```
var pathsToRemove []string” - iant
```

<https://code.google.com/p/go-wiki/wiki/CodeReviewComments>

Effective use of the standard library

```
atomic.AddInt32(&c.val, 1)
```

“use `ioutil.TempDir` to create a unique root for this test run” - dfc

Naming things

```
func validateFlags() error
```

“notice that the purpose of this is to set up state; the validation is secondary.

it's misnamed.” - r

Error messages

"phrasing: say what's wrong, not how to fix it."

```
return fmt.Errorf("unexpected  
argument provided")
```

"this isn't quite right. "extra argument"? "too many arguments"?" - r

API design

“The goal here should be to expose the minimal necessary functionality that lets people build useful things...”

– rsc

I hadn't considered...

“The problem with callbacks is that you now have to worry about user code blocking (or panicking) a library goroutine.

A channel is a much better separation.”

– rsc

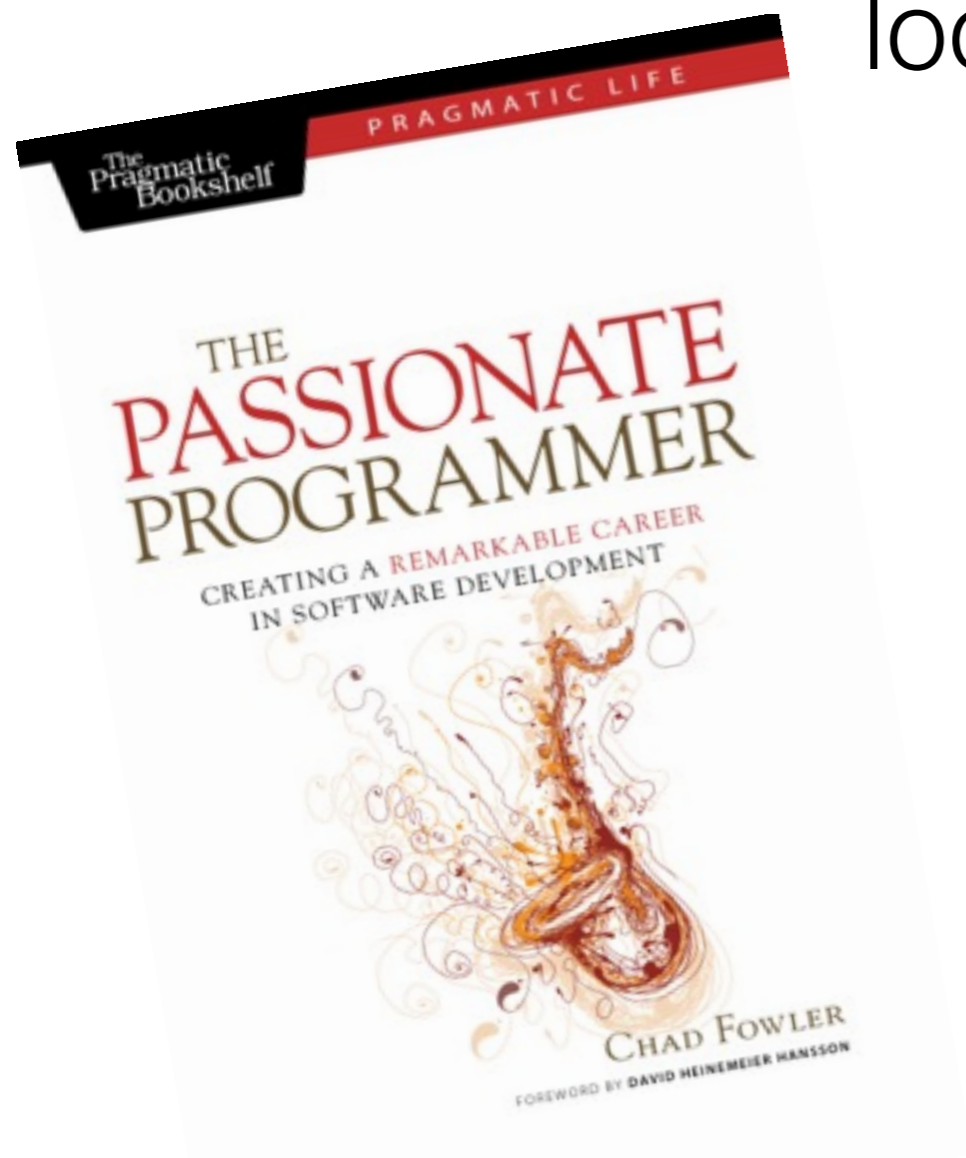
Keep it simple

“There is no testing benefit here to the interface over a simple struct with only public fields.”

– rsc

“Pick an open source project that you admire and whose developers appear to be at that "next level" you're looking to reach.”

–Chad Fowler





exercism.io



@nathany

<http://edmontongo.org/>