Hipster Software

The Dank Meme Tools

So what's a hipster?

DUSTINLAND | "The Theory of Hipster Relativity"

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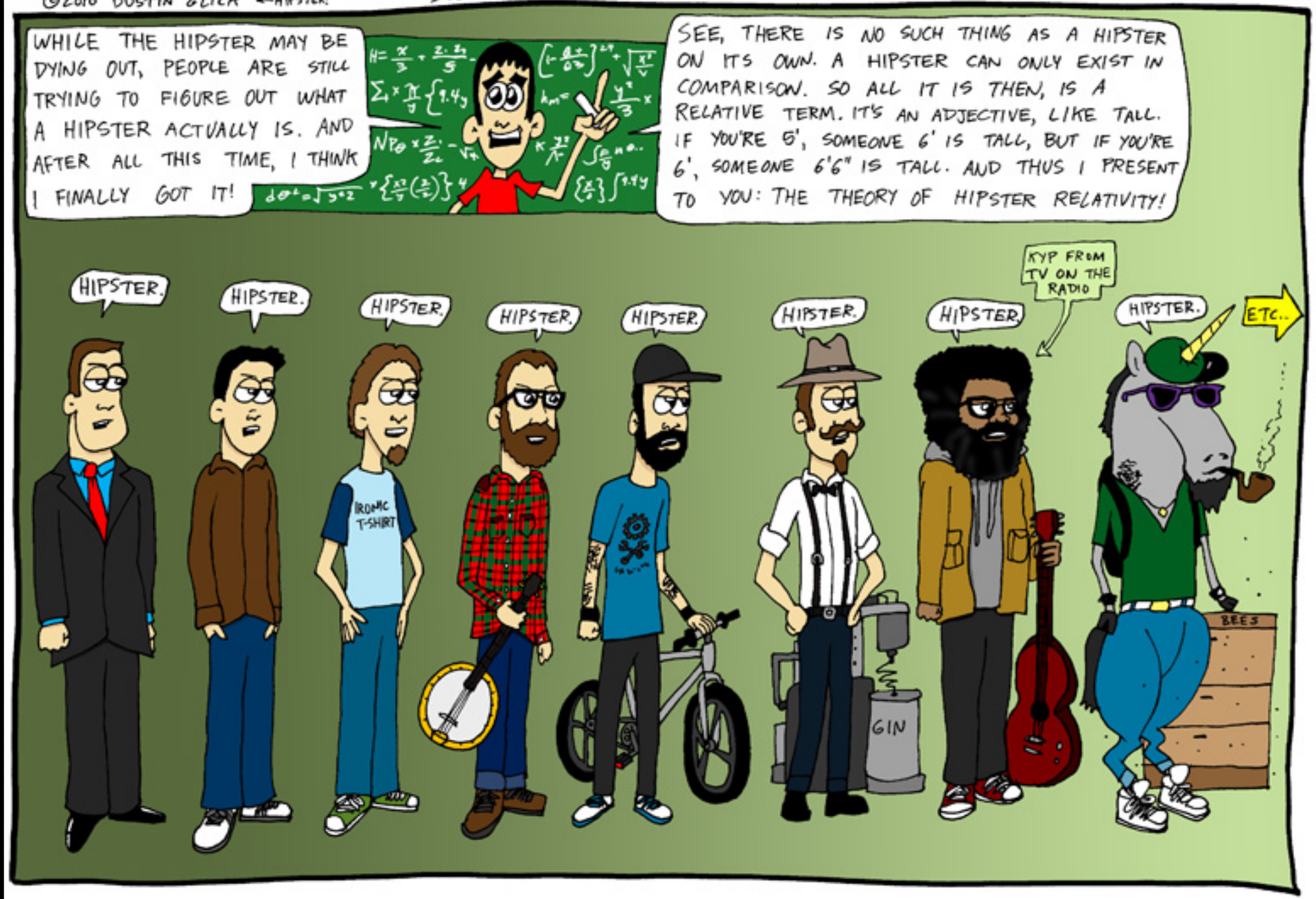
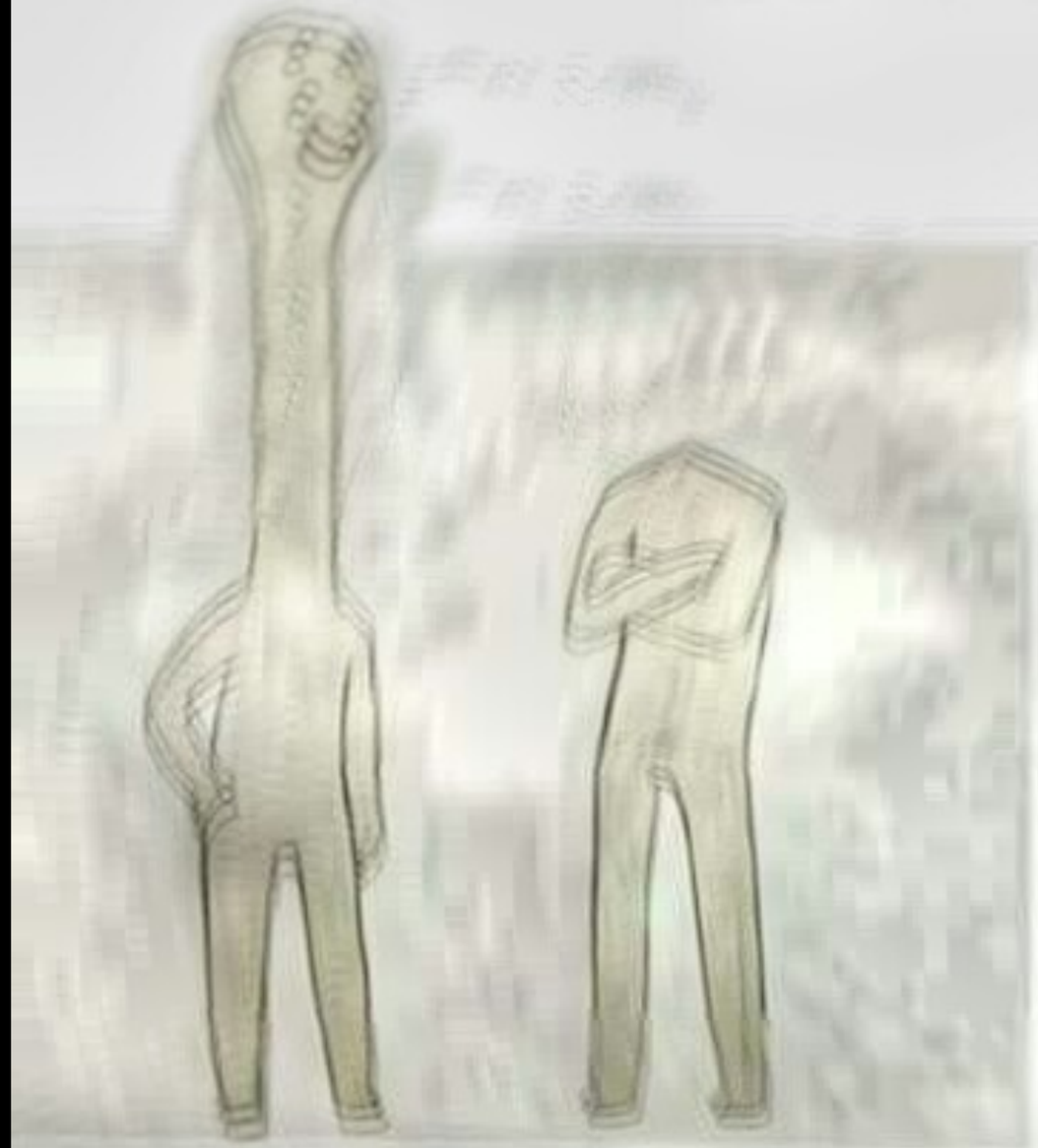
DUSTINLAND.COM

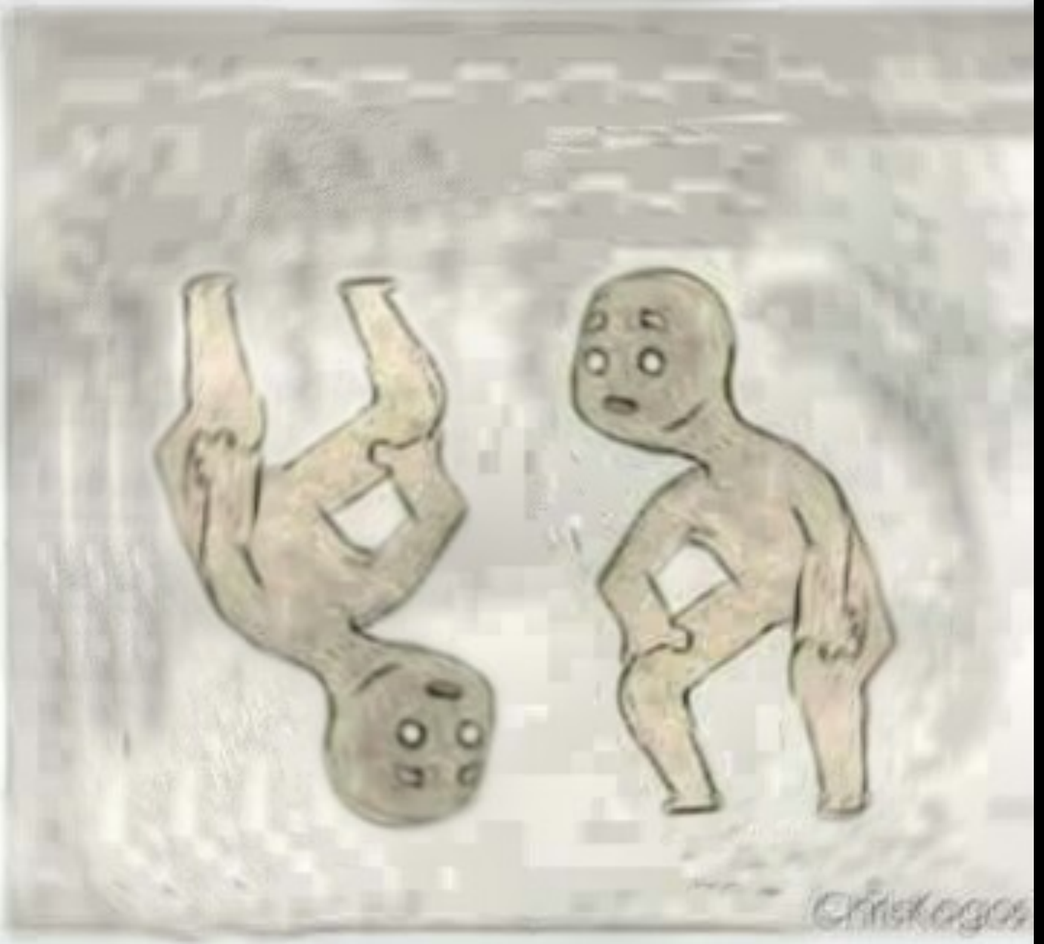


And what's a dank meme?

How to

Yes ✓





lett's
loonk at

SHANPES

- ✓ spiky
- ✓ delicious snacc
- ✓ pythagorean theorem

- ✓ boccs
- ✓ 1/6 cube
- ✓ 32.22°C

- ✓ 5 (wowee thaT's a lot oH man)
- ✓ NO tesselation
- ✓ military operations
- ✓ not controlled by bees

- ✖ what
- ✖ no
- ✖ Aaaa AAAAAaaa AA
- ✖ that's nOT an shape
- ✖ get the #$@&%*! out

I have no #$@&% idea

But the `dankmeme` subreddit has over 730,000 subscribers.

Why use a tool?

1. To make things impossible possible
2. It's faster
3. To reduce effort, to make something complex easy (to conserve energy)

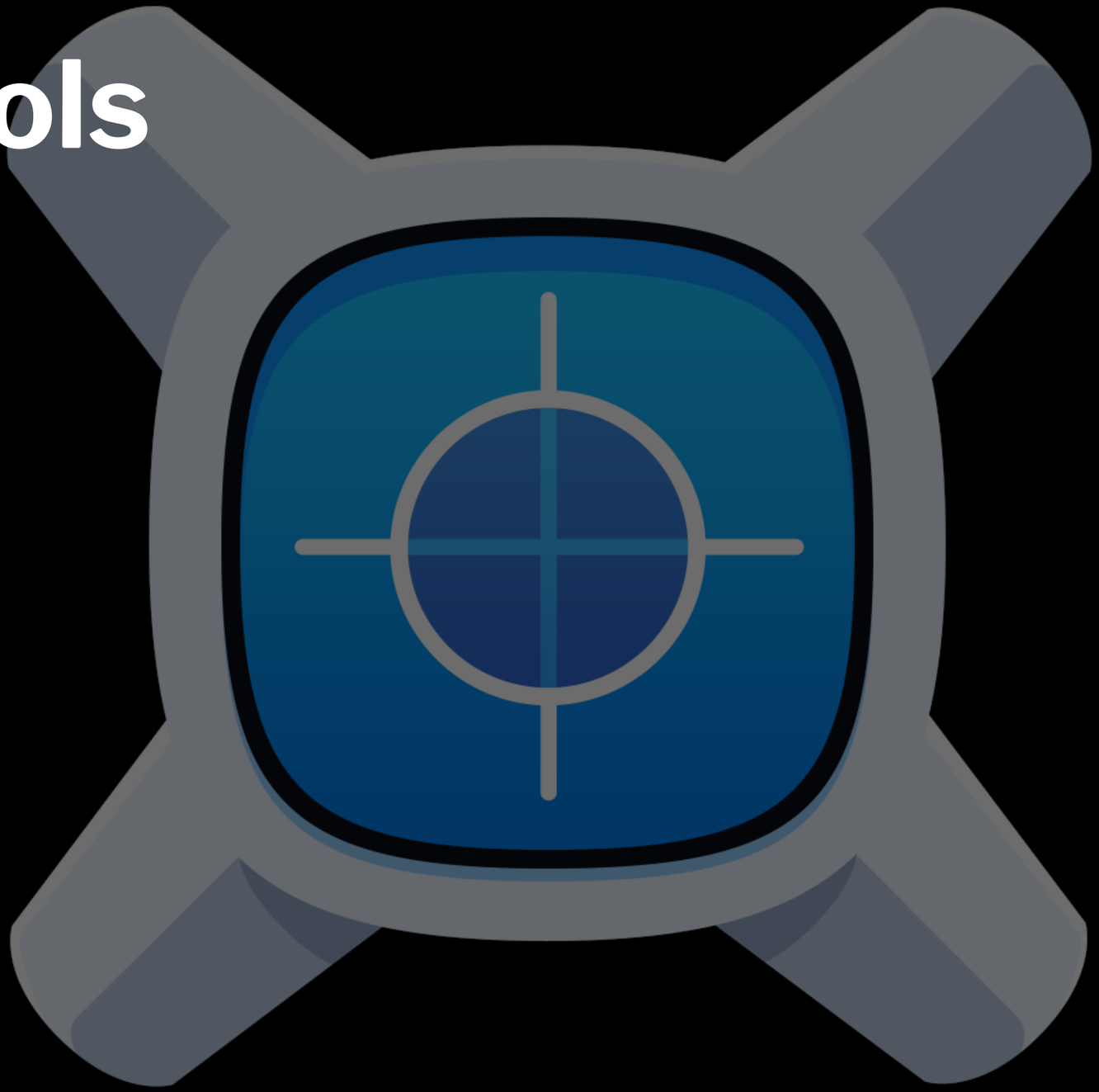
Why use paid tools?

— Higher quality GUI tools
— Demos mean low risk purchases
— No cost of ownership
— Cost is tiny relative to hardware

More reasons to use paid tools

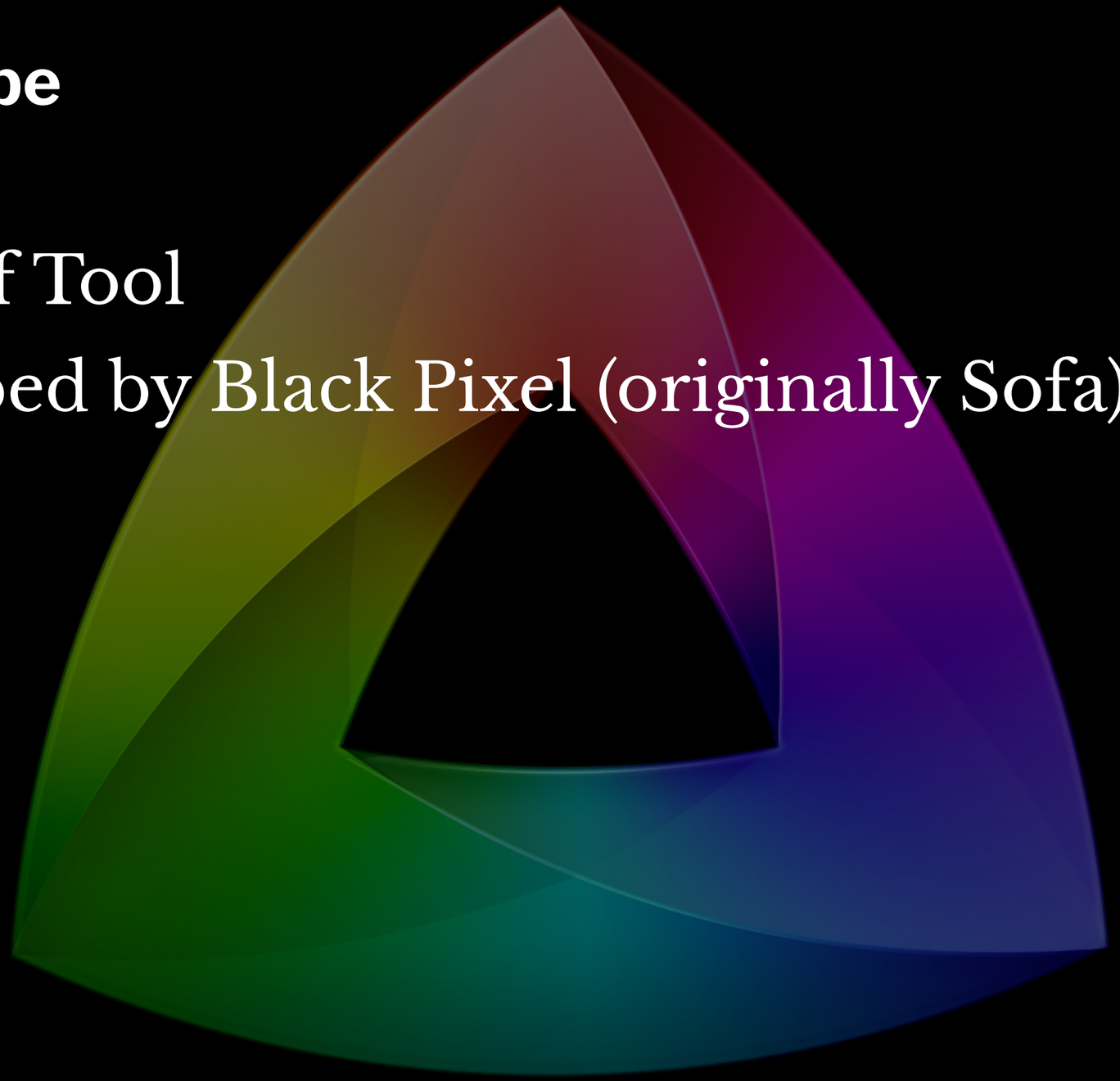
— More likely to be maintained
— The primary cost of software is time invested to learn it
— It's cheap! On a four year upgrade cycle, $400 of software is about $75 a year.

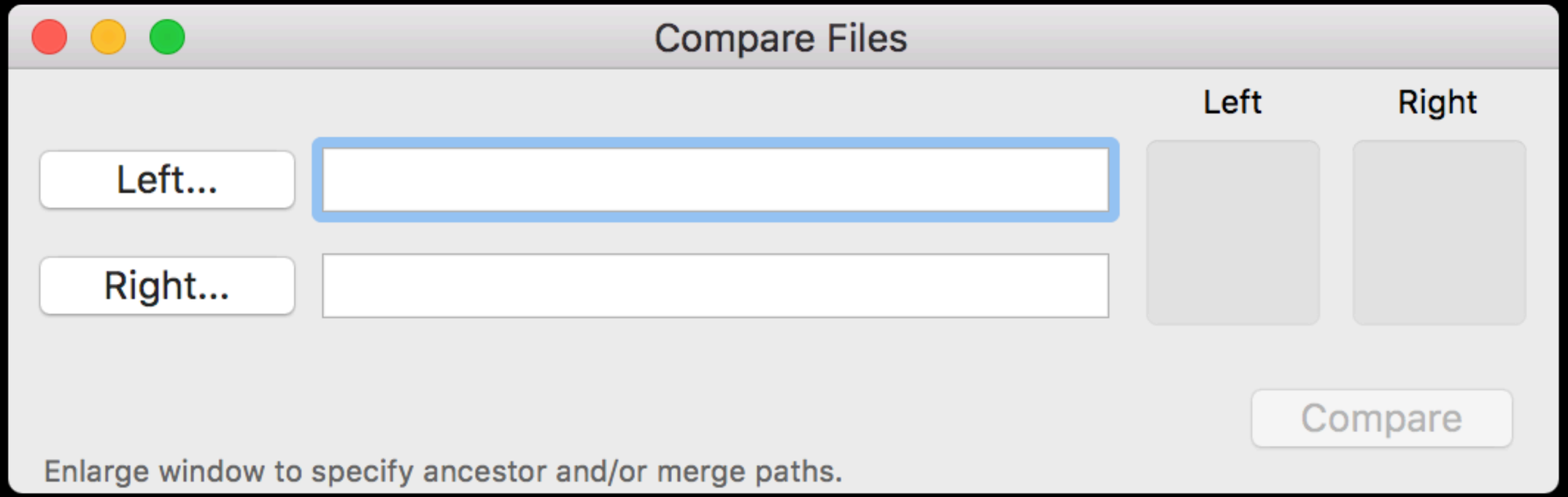
GUI Tools



Kaleidoscope

— GUI Diff Tool
— Developed by Black Pixel (originally Sofa)
— $69.99




Compare Files
Left
Right
Left...
Right...
Compare
Enlarge window to specify ancestor and/or merge paths.

Advantages of Kaleidoscope over FileMerge?

— Automatic integration with `git` (e.g., `git difftool <branch>`)
— Services integration
— Live updating
— Actively maintained

It has an iOS version.

Kaleidoscope Demo

1. Identifying which change introduced a bug.
2. Services integration

Tower

— GUI Git Client
— Developed by fournova
— $79.00

"Why not just use the command line?"

— Way too many people on the internet

Advantages over `git` from the command line?

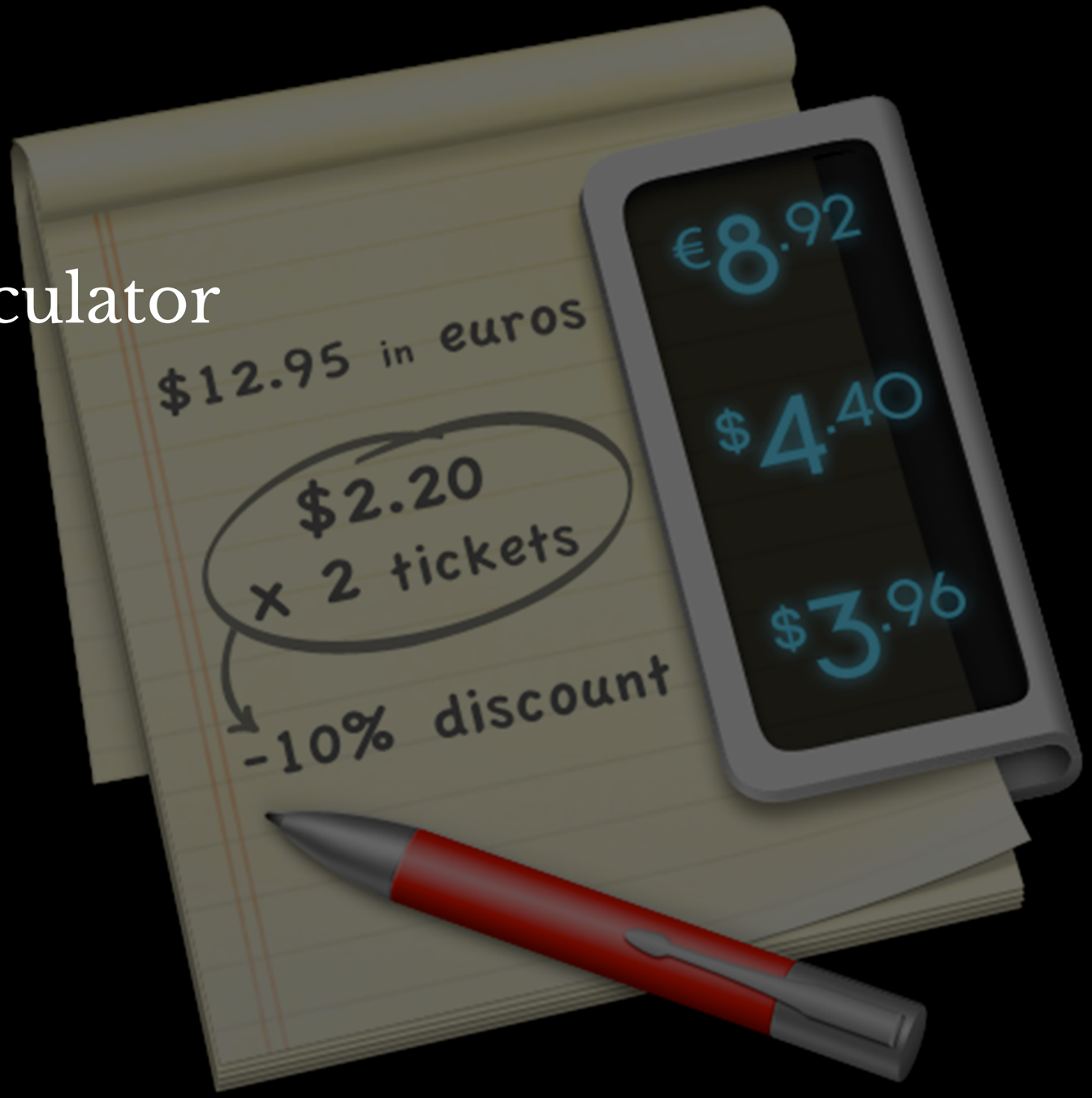
— Show visual hierarchy, expand and collapse information
— Perform partial commits
— Simple search

Tower Demo

Izzy's show

Soulver

— Live Calculator
— Acqualia
— $11.99



Advantages of Soulver over Calculator.app?

— Shows results live
— Saves to a file
— Variables
— Edit equations

Soulver Demo

The cost of software.

Dash

— Documentation Browser
— Kapeli
— $24.99

Advantages of Dash over other documentation?

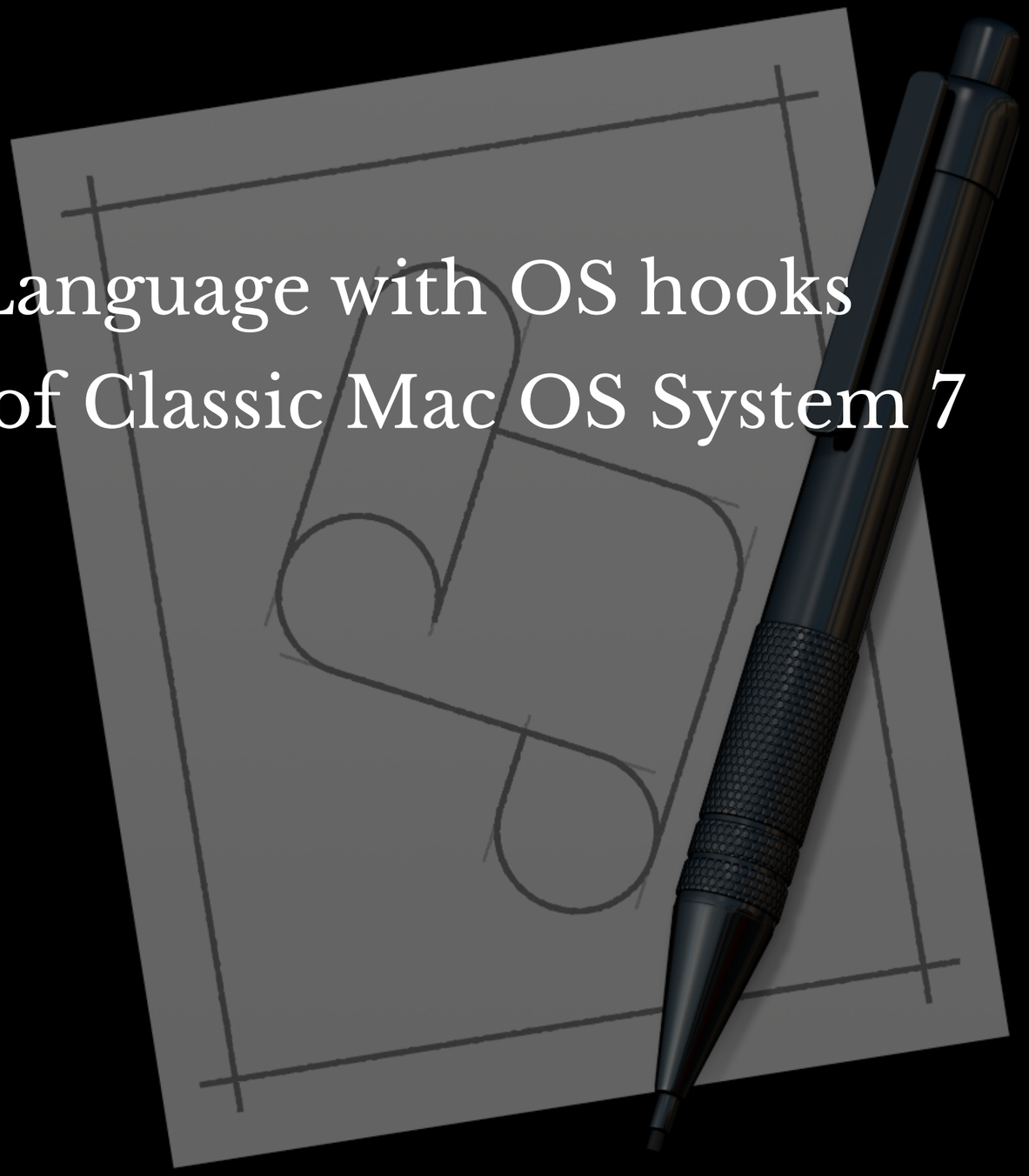
— Offline
— Consistent interface for various languages (Swift, JavaScript, Java, etc...)
— API Search

Dash Demo

1. Analyzing an API
2. Show download `.docset`

AppleScript

— Scripting Language with OS hooks
— 1993, part of Classic Mac OS System 7
— Free
— Apple



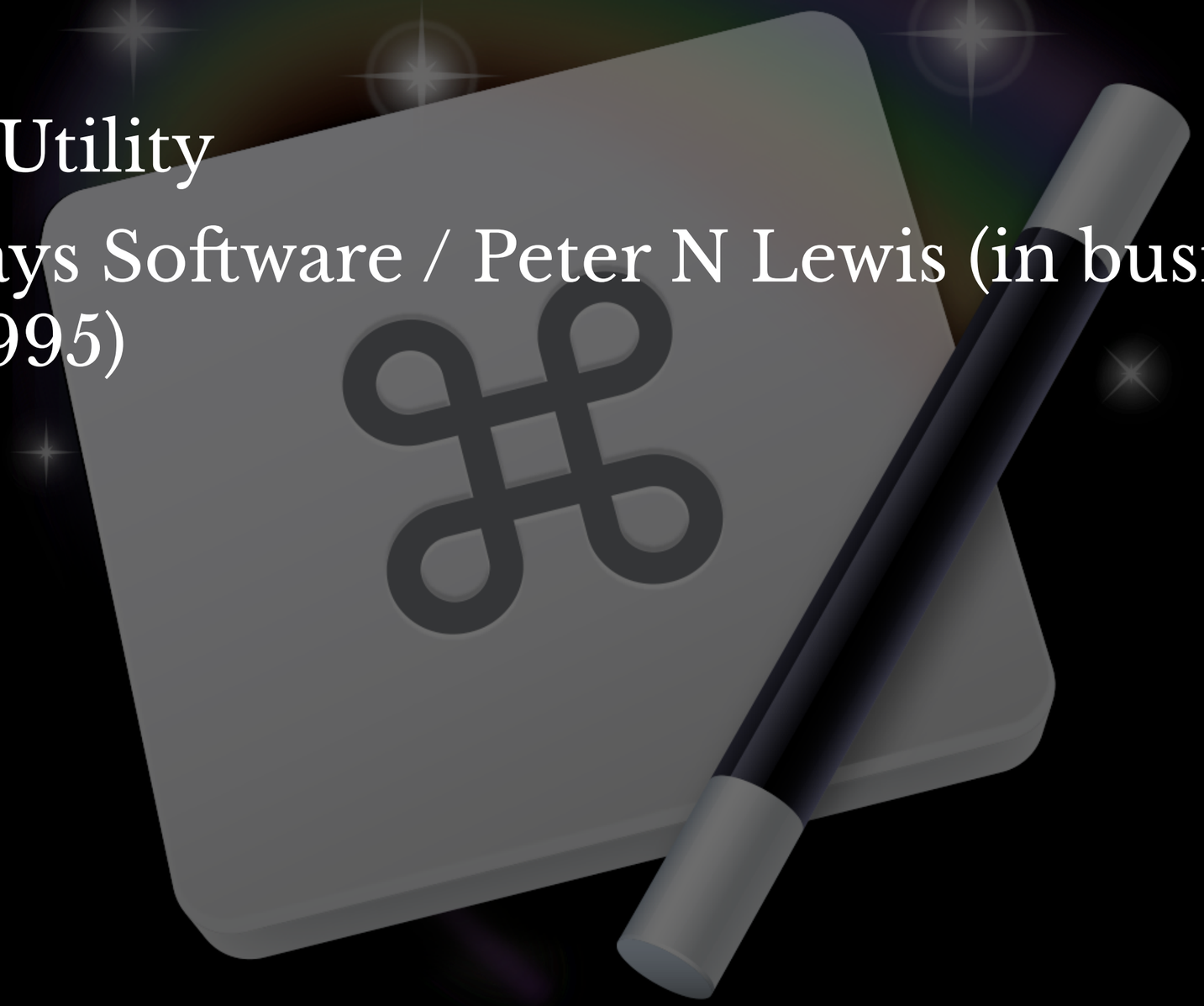
What's AppleScript for?

— In Xcode, Open Document Directory in Terminal
— Open a Terminal Window a the Frontmost Finder Window's Location
— Copy the File Path to the Selected File in the Finder
— Copy Markdown Link to the Current Page in Safari to Clipboard

AppleScript Demo

— Open the application data folder
— The Script Menu

Keyboard Maestro



— Macro Utility

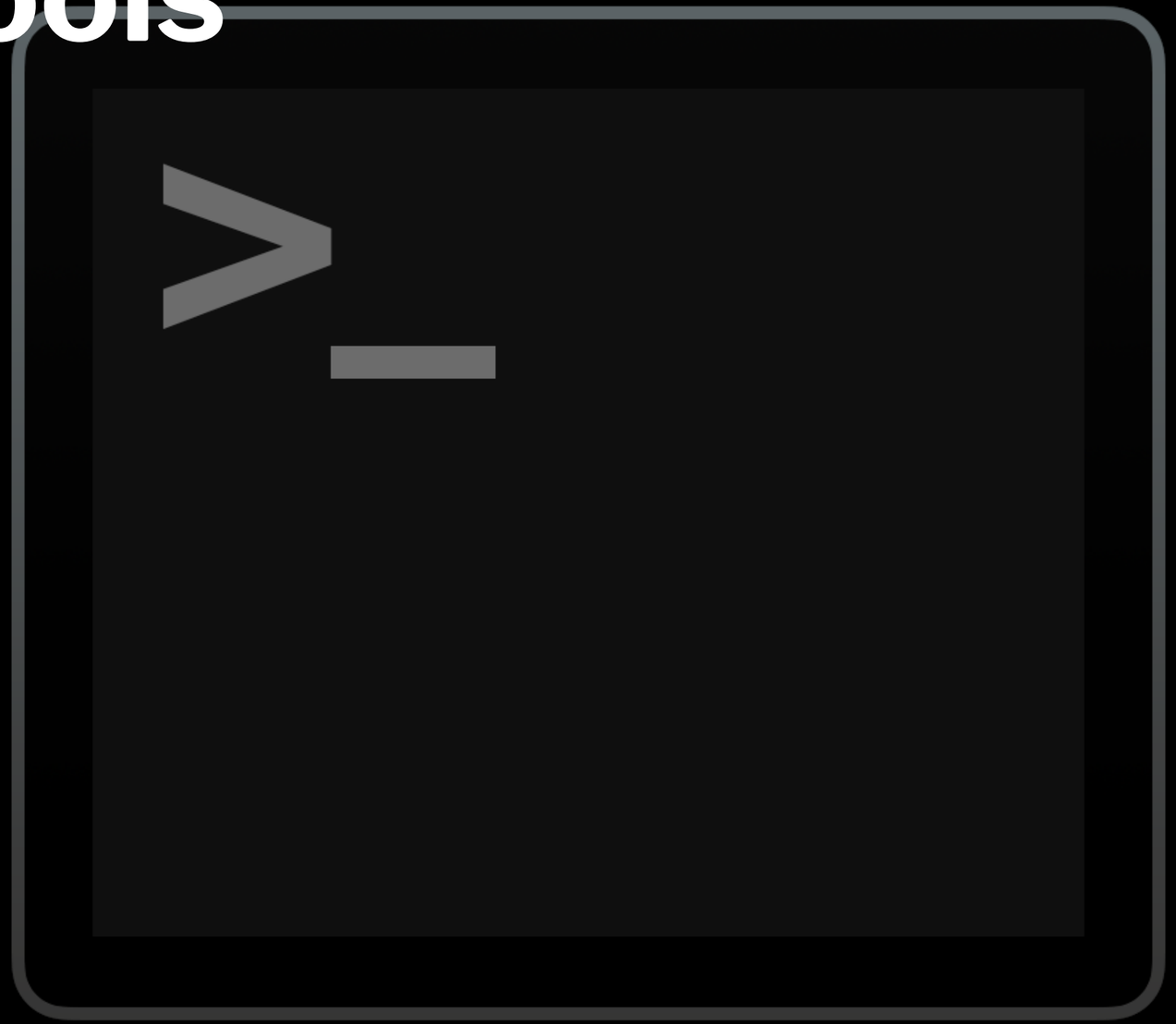
— Stairways Software / Peter N Lewis (in business since 1995)

— $36

What's it do?

— AppleScript Shortcuts
— Type clipboard in the Simulator
— Macros

Shell Tools



`rg` / `ripgrep`

— Command-Line Search Tool
— Open Source & Free (install with Homebrew)
— Free
— `BurntSushi` (Andrew Gallant)
— Written in Rust

Why use `rg` over `grep`?

— Recursive by default
— Automatically ignores version control files
— Smart handling of binaries
— Hierarchical output
— Colors
— Various other interface improvements

grep vs. rg

```
grep --color -R --exclude-dir=".svn" <term>

rg <term>
```

Why use `rg` over other search methods?

— You're already there
— Search across multiple projects at once
— Command line interface fits search well

History of `ack`-Likes

(Recursive `grep` tools.)

1. `ack`: written in Perl, introduced core concepts
2. `ag`: written in C, faster than `ack`
3. `rg` written in Rust, properly parsers `.gitignore` files

`rg` Demo

Find a token (`grep --color -R should` vs. `rg should`)

z (or `fasd`)

— Jump to directories quickly. Recommend using `fasd` because it's installable with Homebrew.
— Open Source & Free (install with Homebrew)
— Written by `clvv`
— Written in Bash?
— `z` integrates with `fzf`

z Demo

— Jump between directories

`fzf`

— Fuzzy Finder for the Shell

— Open Source & Free (install with Homebrew)

— `junegunn`

— Written in Go

The Magic Number
MUSIC
The Magic Number
IBOOKS STORE
The Magicians
NEWS
The Magicians Season 3: Supernat...
TV SHOW
The Magicians
SIRI KNOWLEDGE
The Magicians
SIRI SUGGESTED WEBSITES
syfy.com
imdb.com
en.wikipedia.org
DOCUMENTS
acclaimed-music-top-albums-of-t...
acclaimed-music-top-albums-of-t...
The Magic Number
Apple MPEG-4 audio - 20.6 MB
Created November 5, 2017
Modified Nov 5, 2017 at 6:47 PM
Duration 3:16
Sample Rate 44,100

History of Fuzzy Finders

1. 1996: LaunchBar (NeXTSTEP)
2. 2001: LaunchBar 3 (OS X)
3. 2005: Spotlight
4. 2006: TextMate
5. 2010: Xcode

Not all abstract interfaces can outperform a well-designed visual interface. (Just look at the amount of typing airline counter personnel have to do with their steam-powered computers to make a simple change.) LaunchBar is well-designed, quick, and depends on you to form your own abbreviations, sharply reducing the memory burden. I haven't performed or reviewed a stopwatch test, but LaunchBar should be able to outperform a visual interface for complex, repetitive switching sequences by an expert user.
— Bruce Tognazzini, AskTog, January, 2004

Author of the original *Apple Human Interface Guidelines* in 1978.

`fzf` Demo

1. `cd`
2. Add a Parameter
3. Interface for another command

Thanks!

`github.com/robenkleene/hipster-software`

Que Animal Collective