J. Willard Marriott Library
THE UNIVERSITY OF UTAH

50 YEARS ALL U NEED

TODD MCDANIEL
MAC GROUP, CLIENT PLATFORM SERVICES, MARRIOTT LIBRARY

WHAT'S NEW?

CHILD LOCKS IPAD FOR 48 YEARS

- https://twitter.com/eosnos/status/1114651667214032896
- https://tidbits.com/2018/01/15/what-to-do-if-your-ipad-gets-disabled-by-too-many-passcode-entries/

AIRPOWER OFFICIALLY DEAD

- Announced September, 2017
- https://ifixit.org/blog/14883/what-finally-killed-airpower
- http://www.loopinsight.com/2019/04/01/airpower-alternatives/
- https://www.macrumors.com/guide/airpower-alternatives/

APPLE DESKTOP PHONE PROTOTYPE

- W.A.L.T. (Wizzy Active Lifestyle Telephone)
- https://sonnydickson.com/2019/04/09/video-of-apples-w-a-l-t-in-action-the-1993-edition-iphone/
- https://youtu.be/UbaeWyhStRU

UPDATED IMACS UNVEILED

- No design changes, but significant hardware improvements
- First update since June, 2017
- No T2 chips?!?
- Biggest change is Vega GPU option
- iMac Pro also updated, additional RAM and GPU options, price reductions

NEW IPAD AIR AND IPAD MINI ANNOUNCED

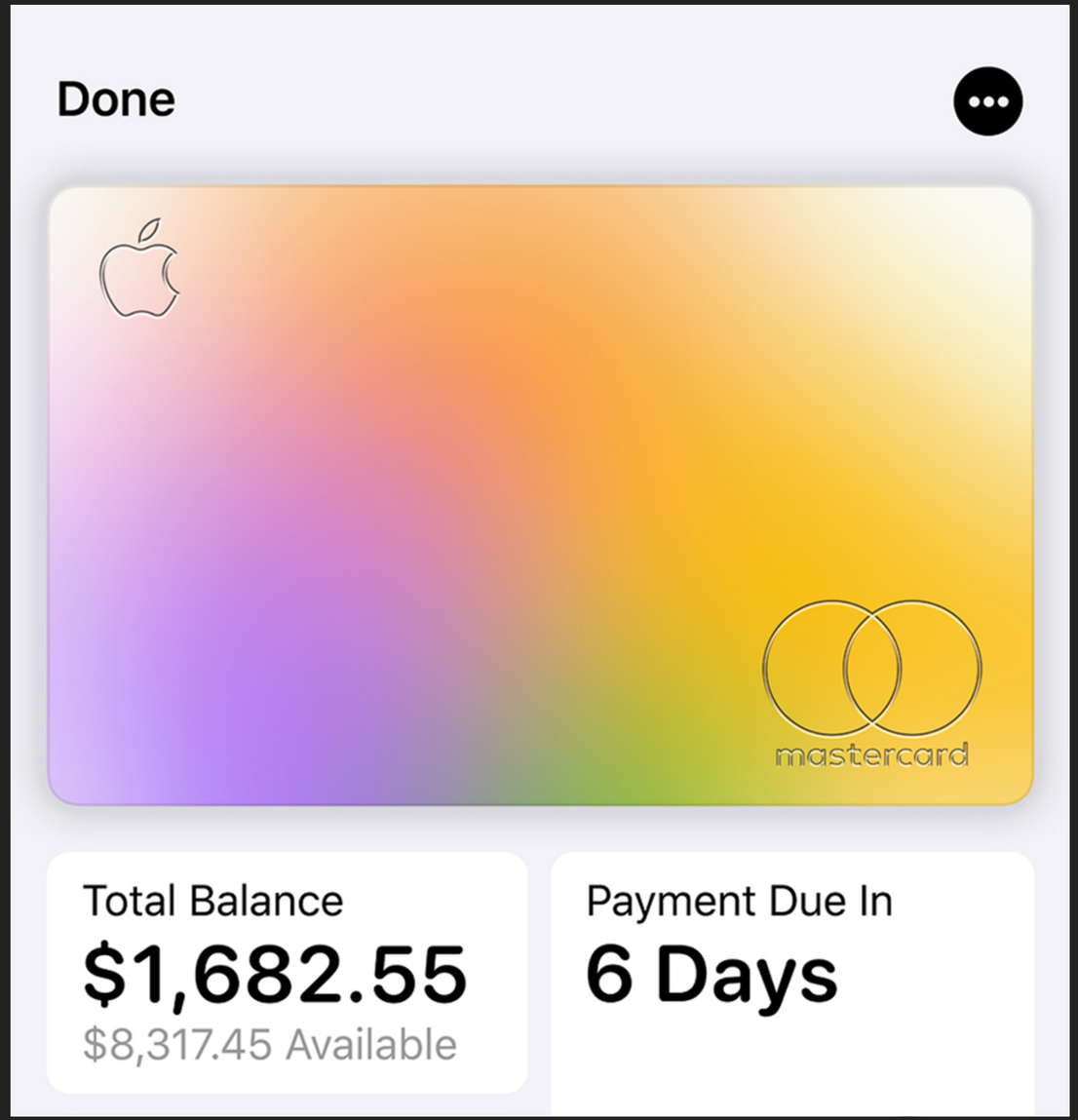
- Both move to A12 Bionic CPU, updated cameras, Apple Pencil Support

MARCH 25TH APPLE “SERVICES” EVENT

- Apple Arcade
- Apple Card
- Apple TV+
- Apple News+

APPLE CARD

- https://daringfireball.net/linked/2019/04/06/venkatesan-apple-card
- https://techcrunch.com/2019/03/28/how-apple-card-works/

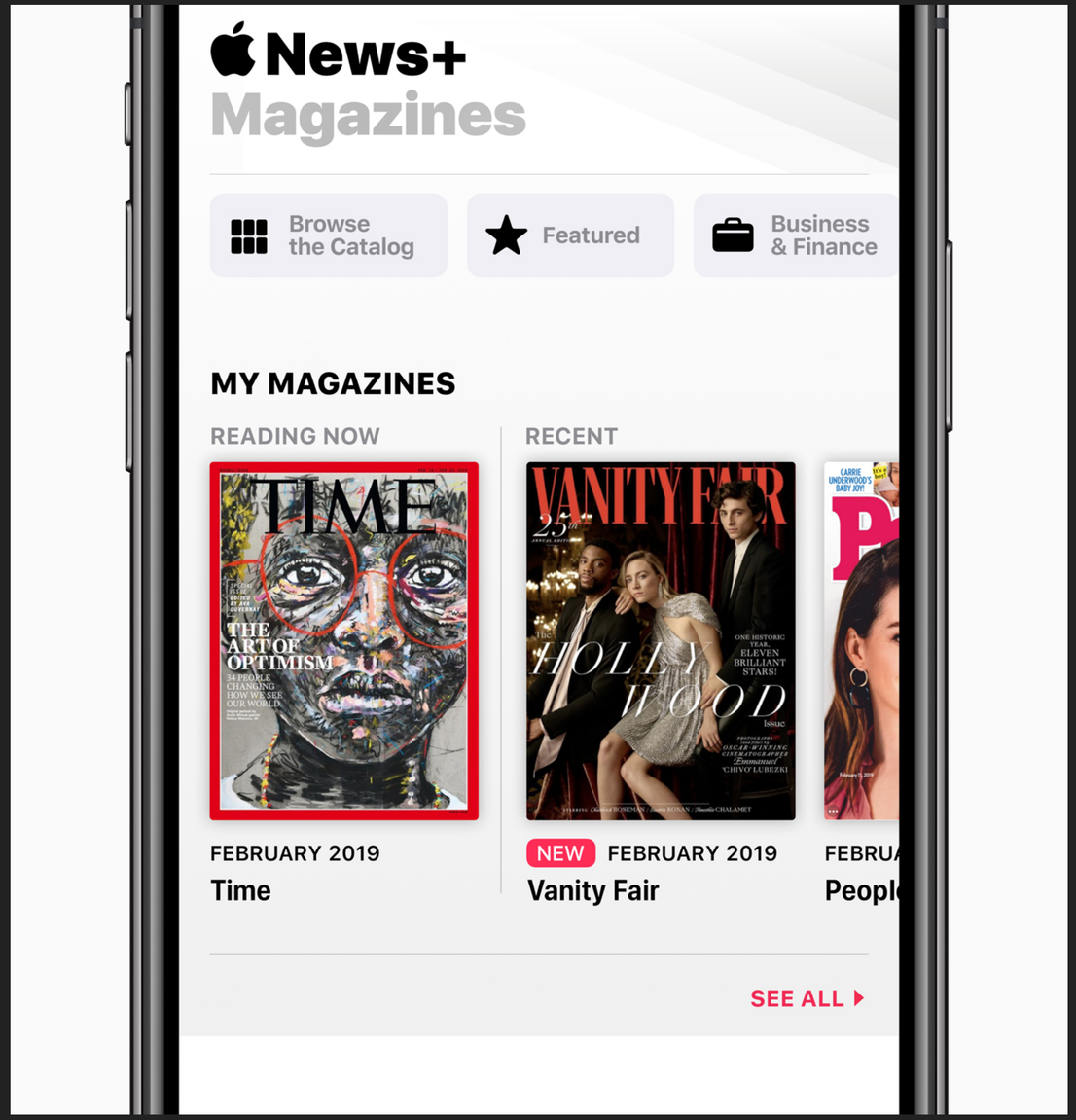


APPLE TV+

- Apple’s streaming TV service
- Original programming featuring the likes of Steven Spielburg, J.J. Abrams, Oprah Winfrey, Jason Momoa, Alfre Woodard, Reese Witherspoon, Jennifer Aniston, Big Bird, Sara Bareilles, Octavia Spencer and more?
- New Apple TV app

APPLE NEWS+

- Built on the Texture acquisition of last year
- 300 magazines for $9.99 a month
- iOS 12.2 adds support

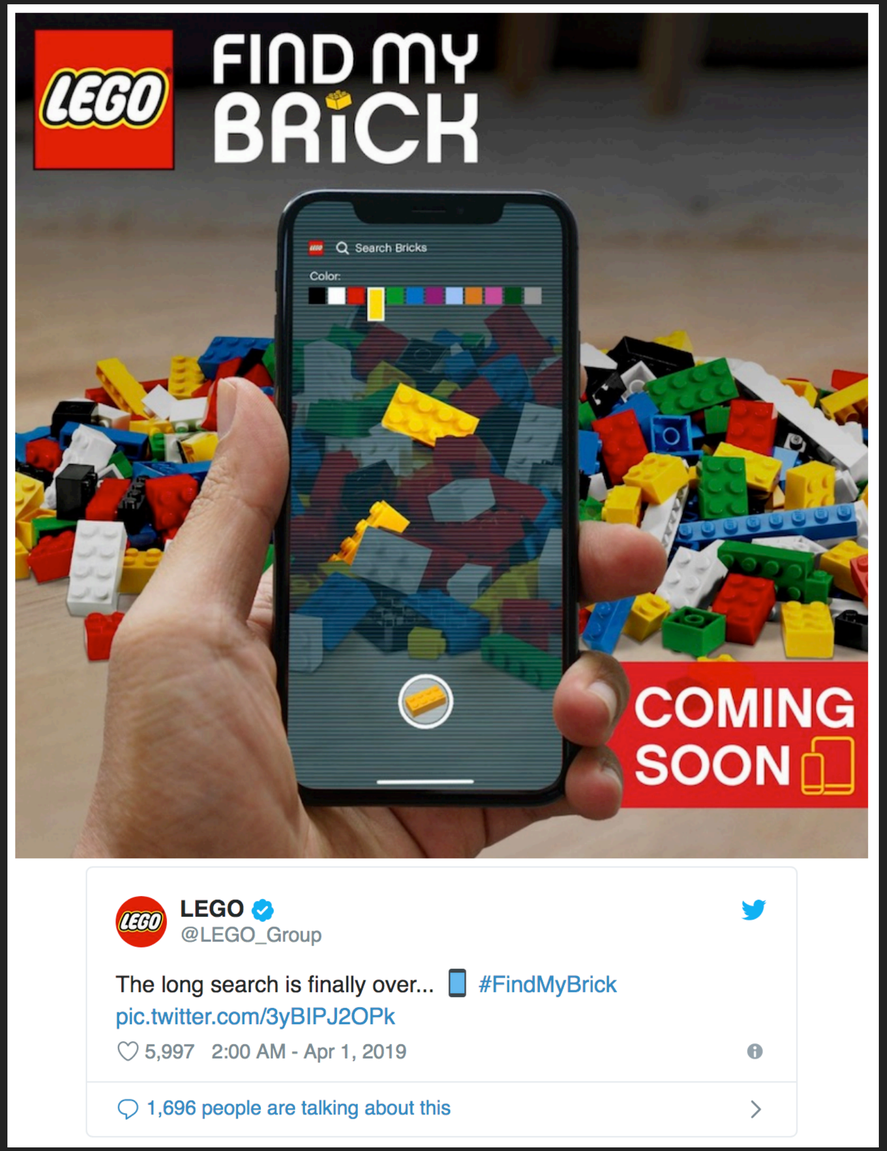


WWDC 2019 DATES ANNOUNCED

- June 3 - 7 in San Jose, California

APRIL 1

- Apple’s 43rd birthday
- https://www.twelvesouth.com/blogs/twelve-south-blog/bookbook-bento
- https://www.hypershop.com/blogs/news/hyper-releases-the-mother-of-all-usb-c-hubs
- https://www.macrumors.com/2019/04/01/happy-april-fools-day-2019/



WPA3 "DRAGONBLOOD" FLAW

- WPA3 announced in June, 2018
- handshake weaknesses, downgrading connection to WPA2, dictionary attacks, side-channel attacks, and more!
- https://wpa3.mathyvanhoef.com/
- https://arstechnica.com/information-technology/2019/04/serious-flaws-leave-wpa3-vulnerable-to-hacks-that-steal-wi-fi-passwords/

PI RECORD SMASHED

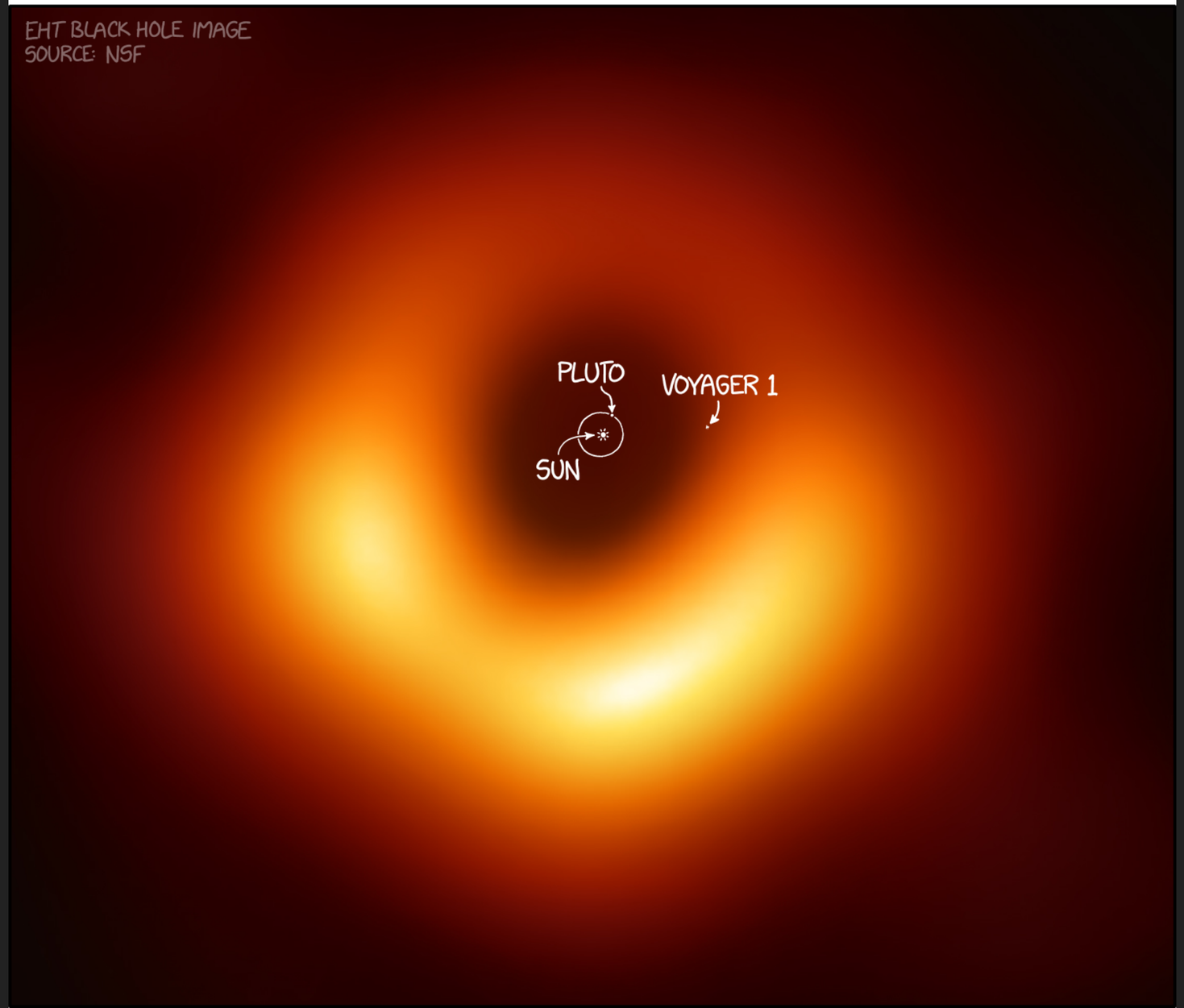
- Emma Haruka Iwao, Google Japan employee
- 31.4 trillion digits, previous record 22 trillion
- 170TB of data, 25 machines over 121 days
- http://www.numberworld.org/y-cruncher/
- https://cloud.google.com/blog/products/compute/calculating-31-4-trillion-digits-of-archimedes-constant-on-google-cloud

SPACEX ARABSAT-6A LAUNCH

- All three boosters recovered
- Center booster later fell over in heavy seas
- Both fairing halves recovered

SIZE COMPARISON:

THE M87 BLACK HOLE
AND
OUR SOLAR SYSTEM

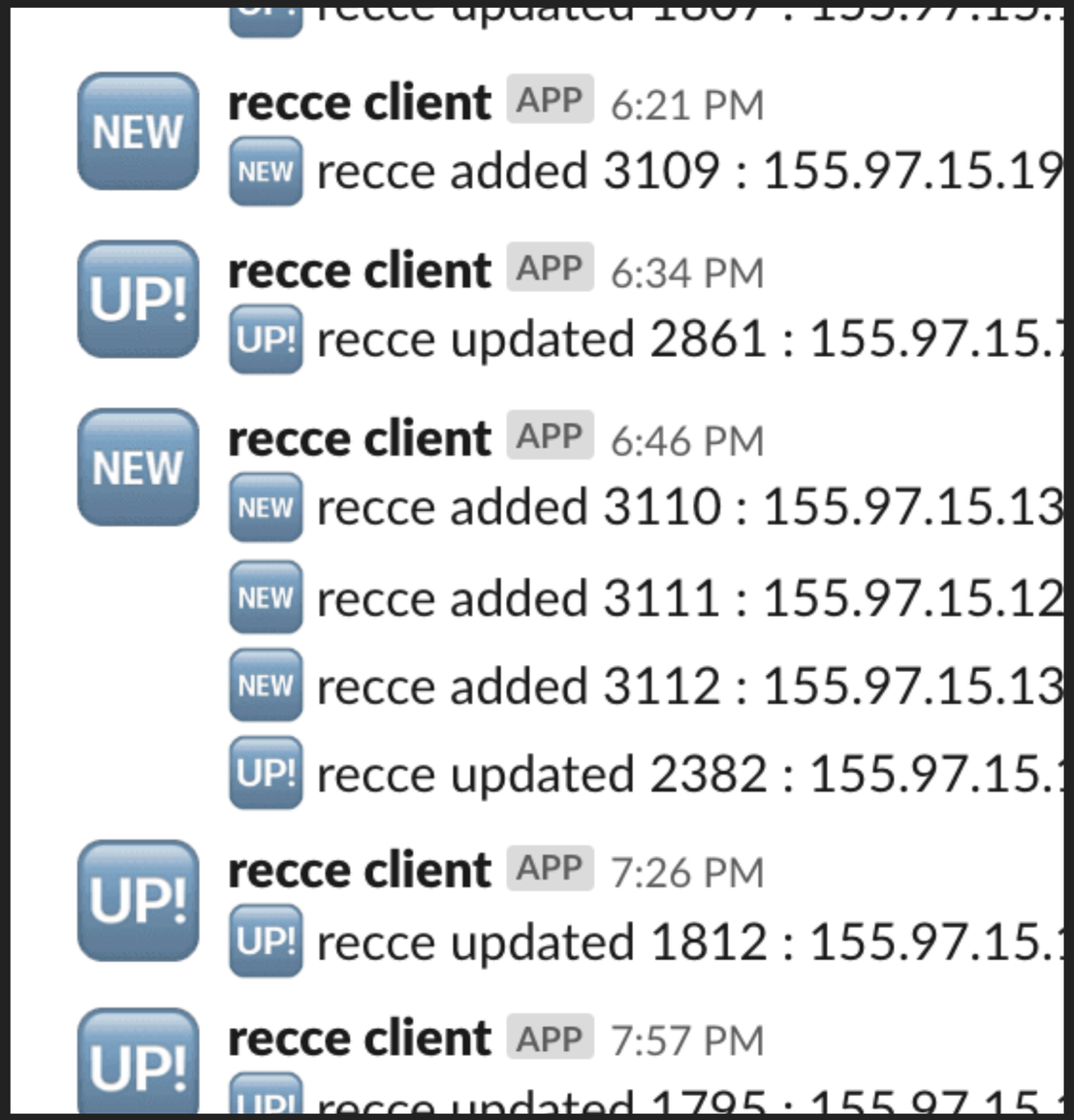


M87 BLACKHOLE IMAGED

- http://www.loopinsight.com/2019/04/10/why-this-black-hole-photo-is-such-a-big-deal/
- https://www.reddit.com/r/Python/comments/bbrhr4/they_use_python_to_produce_black_hole_image/
- http://www.blog.pythonlibrary.org/2019/04/11/python-used-to-take-photo-of-black-hole/
- https://sixcolors.com/post/2019/04/seeing-a-black-hole-with-half-a-ton-of-hard-drives/
- https://arstechnica.com/science/2019/04/event-horizon-telescope-gives-us-first-images-of-what-its-named-for/

RECCE

- Soon. Very Soon.



COMMENTS, QUESTIONS?