

SOME THOUGHTS ON ***Open Source***

Arfon Smith (arfon@stsci.edu)

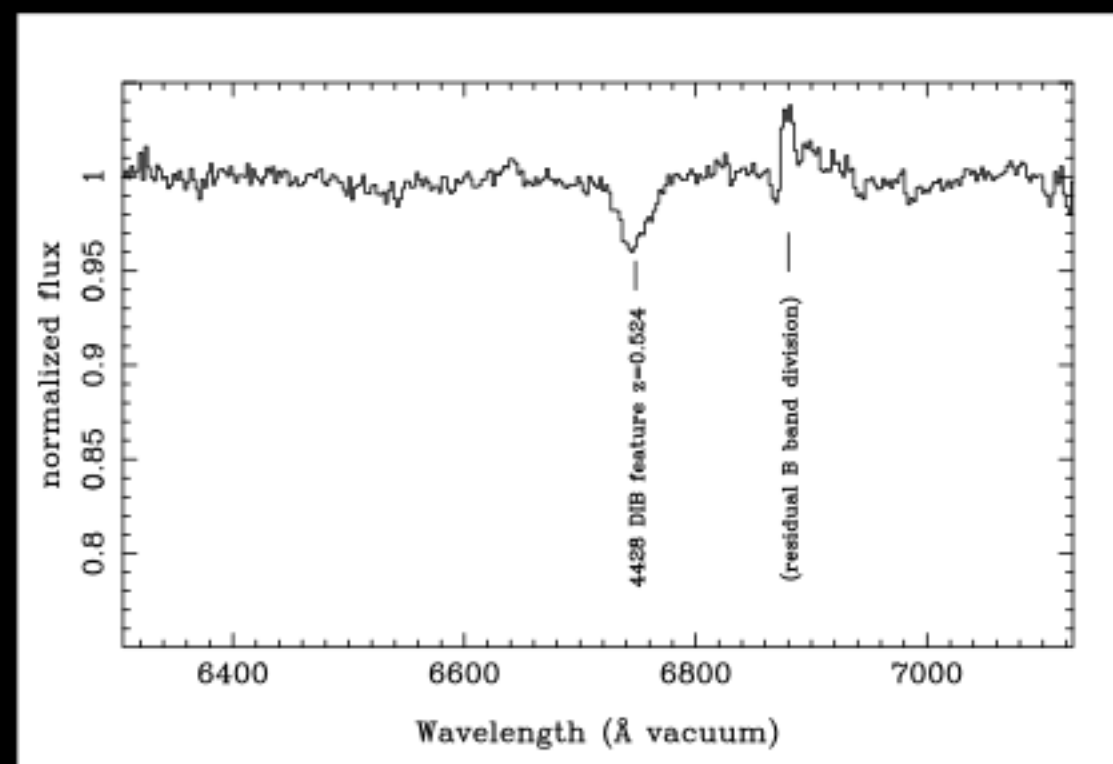
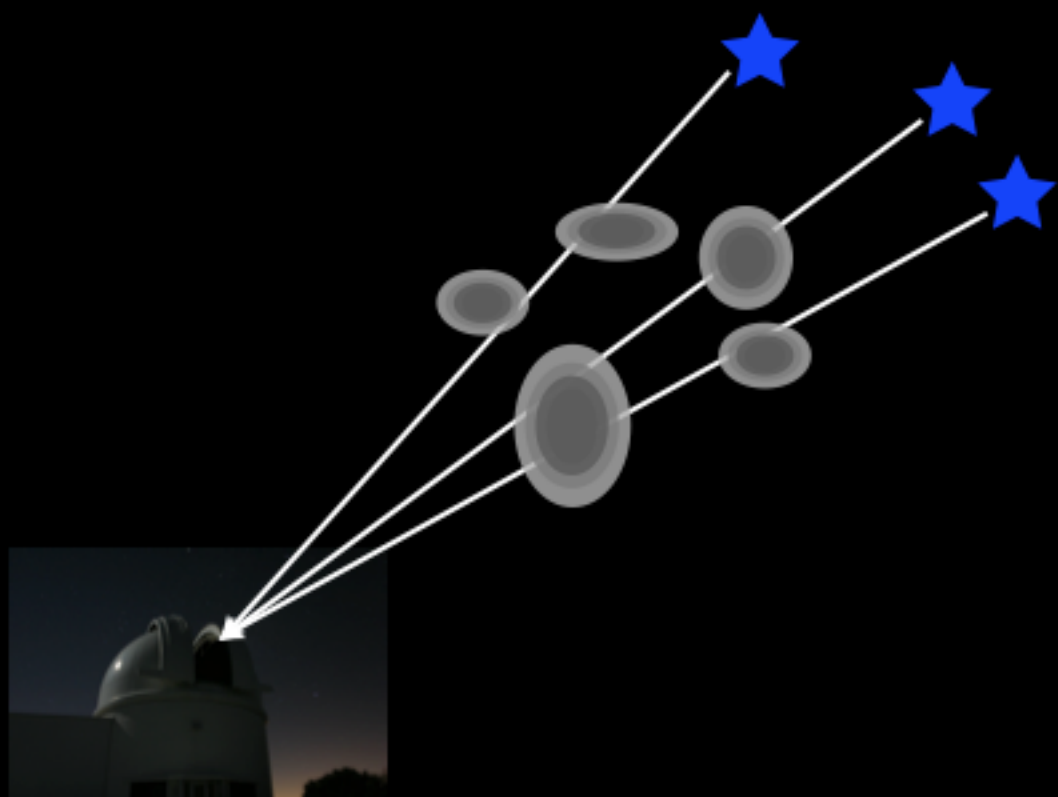
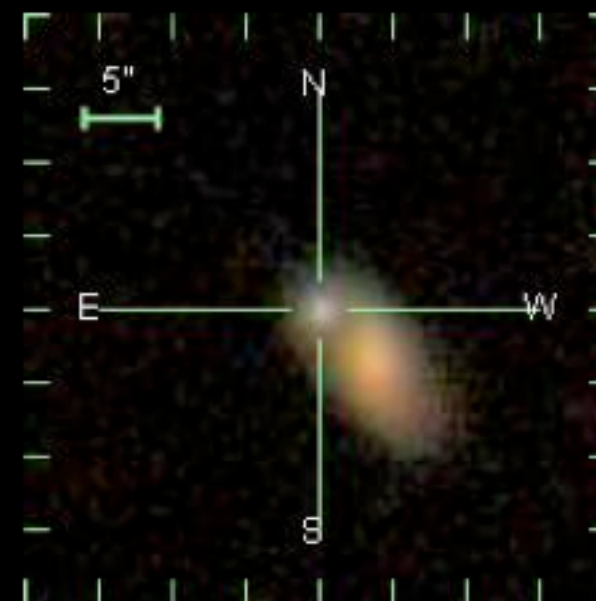
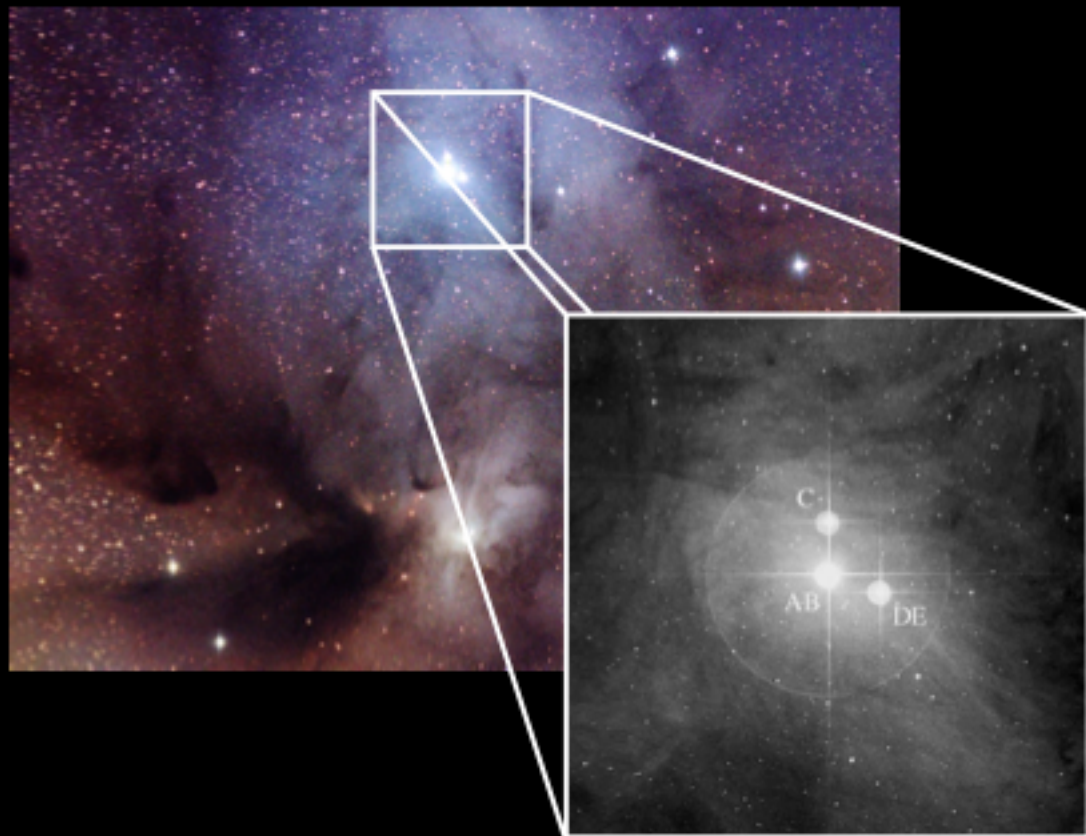
STScI | SPACE TELESCOPE
SCIENCE INSTITUTE



Creative Commons Attribution 4.0 International License.

2 minutes about me...





TL;DR: AS INTERESTED IN ANALYSIS SOFTWARE AS
SCIENTIFIC RESULTS





12

12-11-13

u/n : sbowen
p/n : sbos 123


it2win

Sequencescape : Projects – status

◀ ▶ ↺ ✂ + 1P

http://psd-dev.internal.sanger.ac.uk:6610/projects/status/23

Google

 Wellcome Trust Sanger Institute

Settings · Sign out · Help

PROJECTS

PROJECTS SAMPLES REPORTS FAMILIES SEARCH

SEQUENCING PROJECT 23: MALARIA CP6 – PARASITE GENOME DIVERSITY

Full details →

Single ended bases sequenced: 1,567,271,001 (greater than Q20)

Paired end bases sequenced: 97,192,666,648 (greater than Q20)

Library creation quota: 351

Single ended sequencing quota: 25

Paired end sequencing quota: 277

PROJECT QUOTA FULFILMENT

Library creation 123 of 351

PROJECT QUOTA FULFILMENT

Single ended sequencing 13 of 25

PROJECT QUOTA FULFILMENT

Paired end sequencing 279 of 277

	Library creation	Single ended sequencing	Paired end sequencing
Sequencing requests	123	13	287
└ Completed	116	13	238
└└ Pass	116	13	230
└└ Fail	0	0	8
└ Outstanding requests	7	0	49
Quota remaining	228	12	0 (2 over)

SAMPLES

Library creation

Single ended sequencing

Paired end sequencing

Current status for library creation:

Sample name	Bases at > Q20	Requested	Passed QC	Failed QC	Completed	Outstanding
● PR0001-C (aefnf)	2,074,430,019	1	1	0	1	0

This page gives you a high level view of the sequencing status for a particular project.

Register a new sample →

Project history

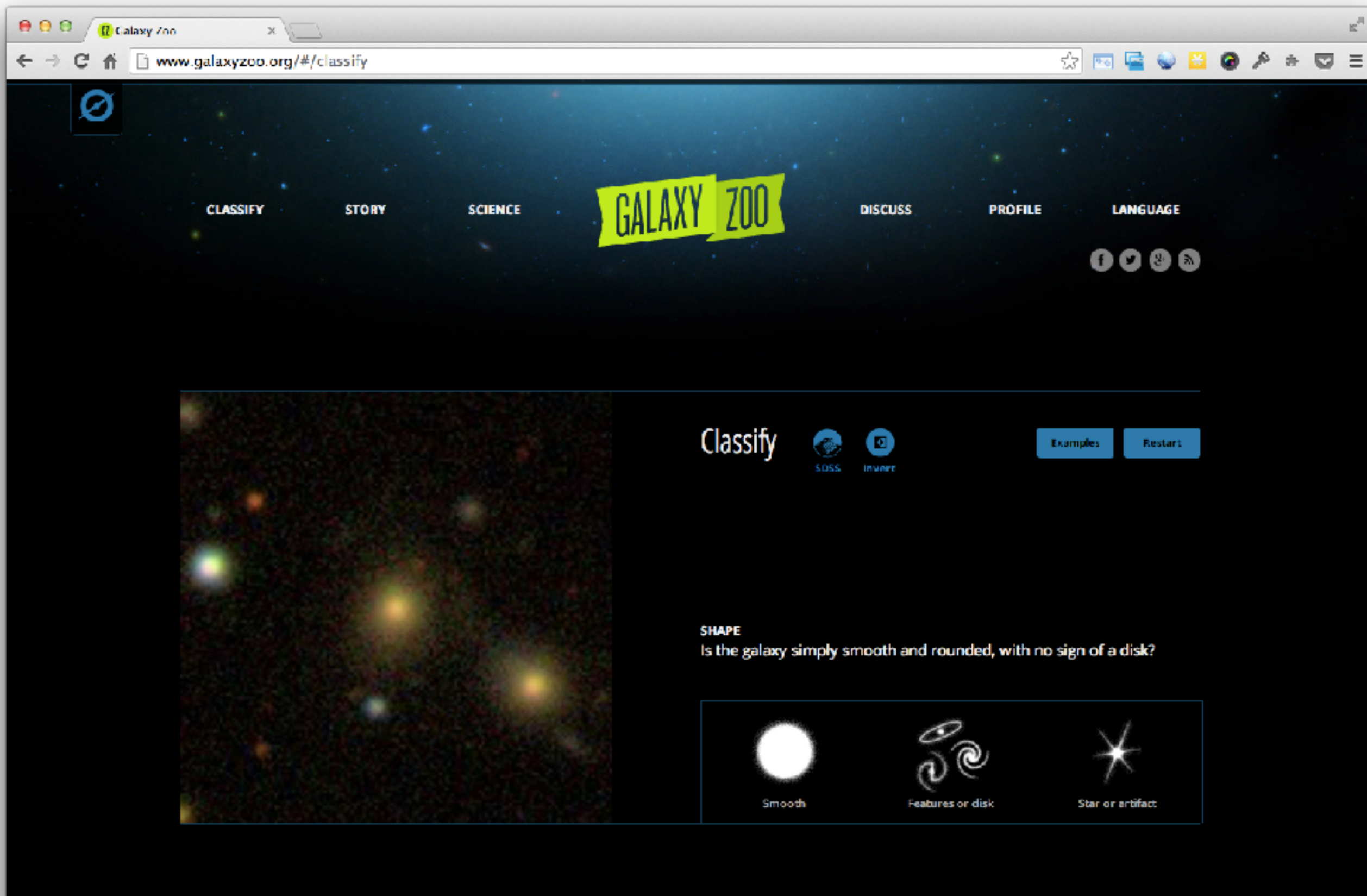
2 comments

Close project

Manage project

Project ownership

← Back to your projects



Zoomiverse - Science Project X

← → ↺ 🏠 <https://www.zoomiverse.org/projects> ☆ 📄 📧 🌐 ⚙️ 🔑 ⚙️ 🛡️ ☰


EN 1,116,235 people taking part worldwide Projects Community About us Sign in Register

ZOONIVERSE

All Space Climate Humanities Nature Biology


Space

Sort by Category



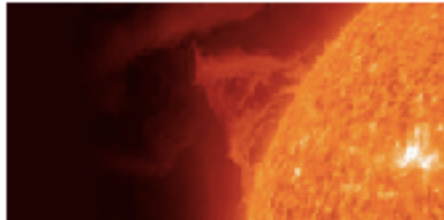
How do galaxies form?
NASA's Hubble Space Telescope archive provides hundreds of thousands of galaxy images.

GALAXY ZOO



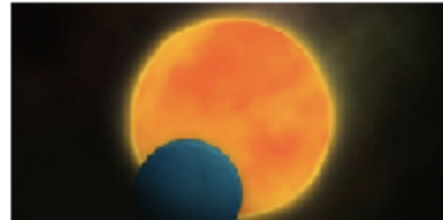
Explore the surface of the Moon
We hope to study the lunar surface in unprecedented detail.

MOON ZOO



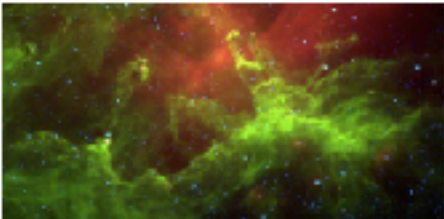
Study explosions on the Sun
Explore interactive diagrams to learn about the Sun and the spacecraft monitoring it.

SOLAR STORMWATCH




Find planets around stars
Lightcurve changes from the Kepler spacecraft can indicate transiting planets.

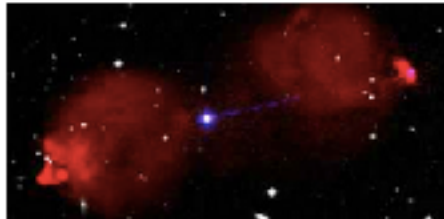
planethunters.org



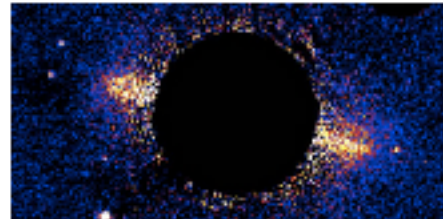
How do stars form?
We're asking you to help us find and draw circles on infrared image data from the Spitzer Space Telescope.



Explore the Red Planet
Planetary scientists need your help to discover what the weather is like on Mars.



Match growing black holes to their jets
We need help to compare infrared and radio data to spot black holes in the Milky Way.




Find the Birthplace of Planets
Help comb our galaxy, looking for stars that could be harbouring planets.





machine-learning-with-solar-d x


GitHub, Inc. [US] | https://github.com/mbobra/machine-learning-with-solar-data/blob/master/cme_svm.ipynb




Artion







 This repository Search

Pull requests Issues Marketplace Explore

 + 


 mbobra / machine-learning-with-solar-data

 2  3  6

 Code  Issues 0  Pull requests 0  Projects 0  Wiki  Insights



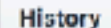



Branch: master ▾ machine-learning-with-solar-data / cme_svm.ipynb

Find file Copy path

 mbobra Initial commit 828589f on 23 Mar 2016

1 contributor

4468 lines (4467 sloc) | 943 KB

 Raw  Blame  History   


predicting coronal mass ejections using machine learning methods

In this notebook, we will be predicting whether or not a flaring active region will also emit a Coronal Mass Ejection (CME). The analysis that follows is published in Bobra & Ilonidis, 2016, *Astrophysical Journal*. If you use any of this code, we ask that you cite our paper.

Generally, active regions associated with large flares produce coronal mass ejections, but there have been some notable exceptions - for example, the largest active region in the last 24 years, which appeared in October 2014, produced many large flares yet not a single CME. Here is the active region:

```
In [1]: from IPython.display import Image
Image(url='http://jsoc.stanford.edu/data/hmi/images/2014/10/22/20141022_001500_Ic_flat_256.jpg', embed=True)
```

Out[1]:



matplotlib

Fork me on GitHub

[home](#) | [examples](#) | [tutorials](#) | [pyplot](#) | [docs](#) »

[modules](#) | [index](#)

Citing Matplotlib

If Matplotlib contributes to a project that leads to a scientific publication, please acknowledge this fact by citing [Hunter et al \(2007\)](#) using this ready-made BibTeX entry:

```
@Article{Hunter:2007,  
  Author   = {Hunter, J. D.},  
  Title    = {Matplotlib: A 2D graphics environment},  
  Journal   = {Computing In Science & Engineering},  
  Volume   = {9},  
  Number   = {3},  
  Pages    = {90--95},  
  abstract = {Matplotlib is a 2D graphics package used for Python  
for application development, interactive scripting, and  
publication-quality image generation across user  
interfaces and operating systems.},  
  publisher = {IEEE COMPUTER SOC},  
  doi      = {10.1109/MCSE.2007.55},  
  year     = 2007  
}
```

DOIs

v2.1.0

DOI [10.5281/zenodo.1004650](https://doi.org/10.5281/zenodo.1004650)

v2.0.2

DOI [10.5281/zenodo.573577](https://doi.org/10.5281/zenodo.573577)

v2.0.1

powered by NumFOCUS

Depsy 100th percentile

Travis-CI: build passing

Related Topics

[Documentation overview](#)

Quick search

Go



Software citation principles

Arfon M. Smith^{1*}, Daniel S. Katz^{2*}, Kyle E. Niemeyer^{3**} and
FORCE11 Software Citation Working Group

¹ GitHub, Inc., San Francisco, California, United States

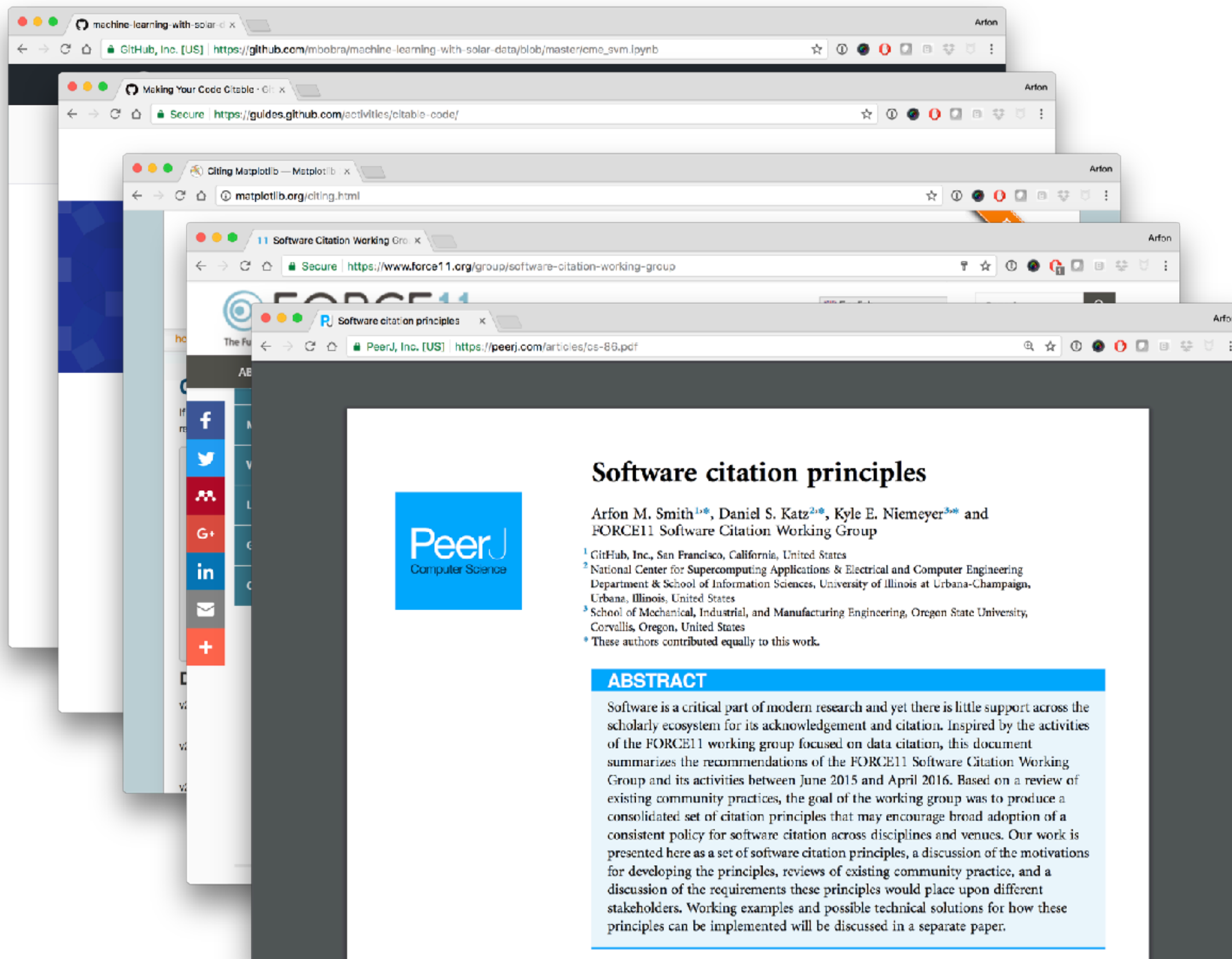
² National Center for Supercomputing Applications & Electrical and Computer Engineering
Department & School of Information Sciences, University of Illinois at Urbana-Champaign,
Urbana, Illinois, United States

³ School of Mechanical, Industrial, and Manufacturing Engineering, Oregon State University,
Corvallis, Oregon, United States

* These authors contributed equally to this work.

ABSTRACT

Software is a critical part of modern research and yet there is little support across the scholarly ecosystem for its acknowledgement and citation. Inspired by the activities of the FORCE11 working group focused on data citation, this document summarizes the recommendations of the FORCE11 Software Citation Working Group and its activities between June 2015 and April 2016. Based on a review of existing community practices, the goal of the working group was to produce a consolidated set of citation principles that may encourage broad adoption of a consistent policy for software citation across disciplines and venues. Our work is presented here as a set of software citation principles, a discussion of the motivations for developing the principles, reviews of existing community practice, and a discussion of the requirements these principles would place upon different stakeholders. Working examples and possible technical solutions for how these principles can be implemented will be discussed in a separate paper.



Software citation principles

Arfon M. Smith^{1,*}, Daniel S. Katz^{2,*}, Kyle E. Niemeyer^{3,*} and
FORCE11 Software Citation Working Group

¹ GitHub, Inc., San Francisco, California, United States

² National Center for Supercomputing Applications & Electrical and Computer Engineering
Department & School of Information Sciences, University of Illinois at Urbana-Champaign,
Urbana, Illinois, United States

³ School of Mechanical, Industrial, and Manufacturing Engineering, Oregon State University,
Corvallis, Oregon, United States

* These authors contributed equally to this work.

ABSTRACT

Software is a critical part of modern research and yet there is little support across the scholarly ecosystem for its acknowledgement and citation. Inspired by the activities of the FORCE11 working group focused on data citation, this document summarizes the recommendations of the FORCE11 Software Citation Working Group and its activities between June 2015 and April 2016. Based on a review of existing community practices, the goal of the working group was to produce a consolidated set of citation principles that may encourage broad adoption of a consistent policy for software citation across disciplines and venues. Our work is presented here as a set of software citation principles, a discussion of the motivations for developing the principles, reviews of existing community practice, and a discussion of the requirements these principles would place upon different stakeholders. Working examples and possible technical solutions for how these principles can be implemented will be discussed in a separate paper.



NEWS ▾

EVENTS ▾

RESEARCH ▾



Search



DEV

GitHub releases data on 2.8 million open source repositories through Google BigQuery

JORDAN NOVET @JORDANNOVET JUNE 29, 2016 1:59 PM



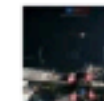
Above: The GitHub Octocat figurine.

Image Credit: GitHub Shop

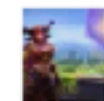
VB Recommendations



Firefox Quantum arrives with faster browser engine, major visual overhaul, and Google as default search engine



EA's defense of Star Wars: Battlefront II is now Reddit's most downvoted comment



Heroes of the Storm dev on the quest to keep the MOBA strong with new heroes and changes

Upcoming Events

BLUEPRINT Mar 5 - 7

GamesBeat 2018 Apr 9 - 10



STScI | SPACE TELESCOPE
SCIENCE INSTITUTE

Non-profit, based in Baltimore
Established in 1982 to operate HST for NASA
Science operations center for HST & JWST
Develop software to support community
Mixed staff (astronomers & engineers)
Archive for > 20 different missions (including Kepler)
Government contractor (funding via NASA SMD)



STScI | SPACE TELESCOPE
SCIENCE INSTITUTE

THREE THINGS...

1. *Insights from GitHub*
2. *The work we do at STScI*
3. *Recommendations*

Insights from GitHub

1


24M users
1.5M organizations
67M repositories
100M pull requests
1B commits in 2016

GitHub

NASA




GitHub, Inc. [US] | https://github.com/nasa


Artion




This organization Search

Pull requests Issues Marketplace Explore





NASA



United States of America <http://www.nasa.gov> github@lists.nasa.gov

Repositories 144

People 31

Search repositories...

Type: All

Language: All

ominas

Forked from ppentado/ominas


Opensource Multi-INstrument Analysis Software

IDL

★ 1

🔗 1

Updated 22 minutes ago



openmct

A web based mission control framework.


JavaScript

★ 4,737

🔗 486

38 issues need help

Updated an hour ago




utm-apis

The collection of APIs for NASA's UTM project in the form of OpenAPI documents.

★ 4

🔗 5

Updated 2 hours ago



Top languages

C

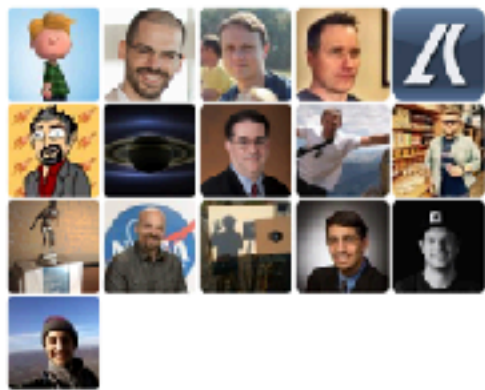
Python

C++

JavaScript

Java

People 31



Developers Program Member

Every company is a software company.

WSJ Marc Andreessen on Why Softw x

Secure https://www.wsj.com/articles/SB10001424053111903480904576512250915629460

DCW JONES, A NEWS CORP COMPANY

DJIA 23409.47 -0.13% S&P 500 2578.87 -0.23% Nasdaq 6737.87 -0.29% U.S. 10 Yr 8/32 Yield 2.375% Crude Oil 55.00 -3.10% Euro 1.1799 0%


THE WALL STREET JOURNAL.


Subscribe Now | Sign In


\$1 FOR 2 MONTHS


Home World U.S. Politics Economy Business Tech Markets Opinion Life & Arts Real Estate WSJ. Magazine Search


<

WORK & FAMILY
When Your Company Makes You Queasy

OFF DUTY TRAVEL
An Escape to Miami, Beautifully Resilient ...

Hate Mirrors But Can't Stop Looking at Yourself? There's Help

MY RIDE
A Bold Barracuda That's All Muscle

Asia
Boost Cl Led by van Gogh

>

ESSAY


Why Software Is Eating The World

By Marc Andreessen

August 20, 2011

This week, Hewlett-Packard (where I am on the board) announced that it is exploring jettisoning its struggling PC business in favor of investing more heavily in software, where it sees better potential for growth. Meanwhile, Google plans to buy up the cellphone handset maker Motorola Mobility. Both moves surprised the tech world. But both moves are also in line with a trend I've observed, one that makes me optimistic about the future growth...

RELATED VIDEO




Groupon Investor Marc

Groupon Investor Marc Andreessen: 'No Tech Bubble'


In an interview with WSJ's Kevin Delaney, Groupon and LinkedIn investor Marc Andreessen insists that the recent popularity of tech companies does not constitute a bubble. He also stressed that both Apple and Google are

Recommended Videos

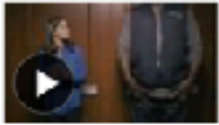
1. Secretary Mnuchin on the Roy Moore Assault Allegations




2. Woman Recounts Alleged Sexual Assault by Roy Moore



3. In the Elevator With Shaq



4. Women Voters Lift Democrats in Trump Era

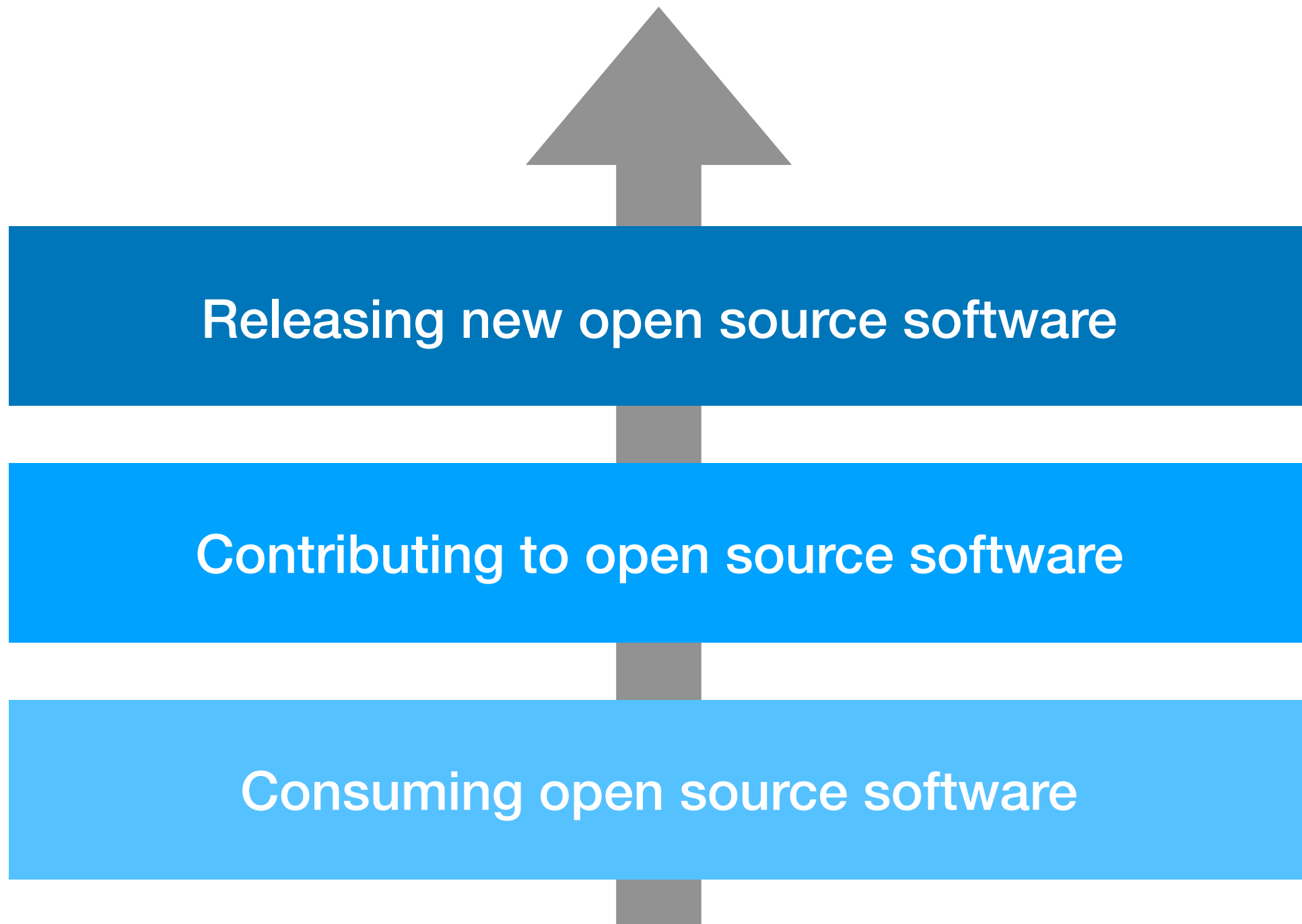




Open source is in every company.

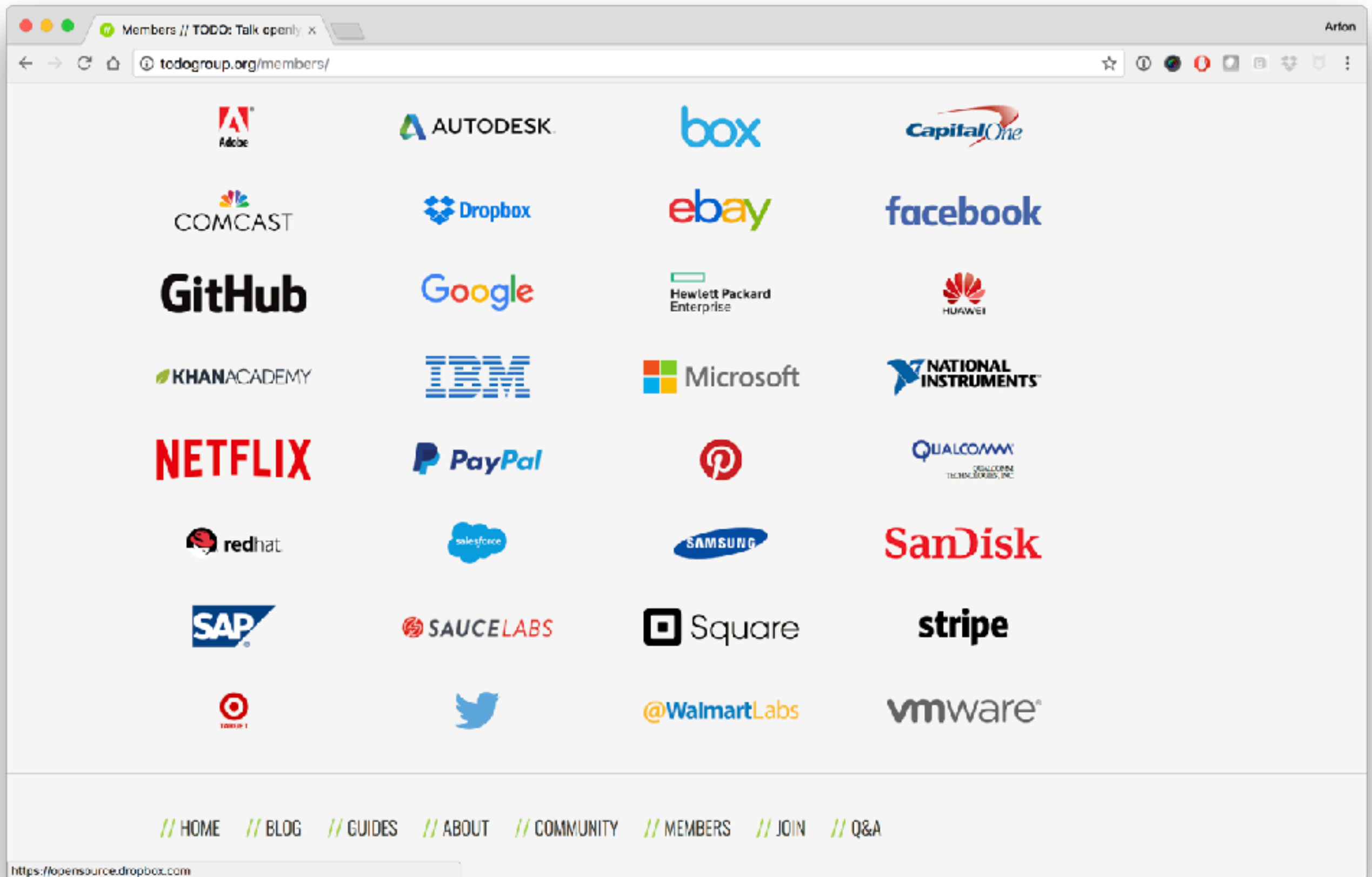
(EVEN IF THEY DON'T KNOW IT)

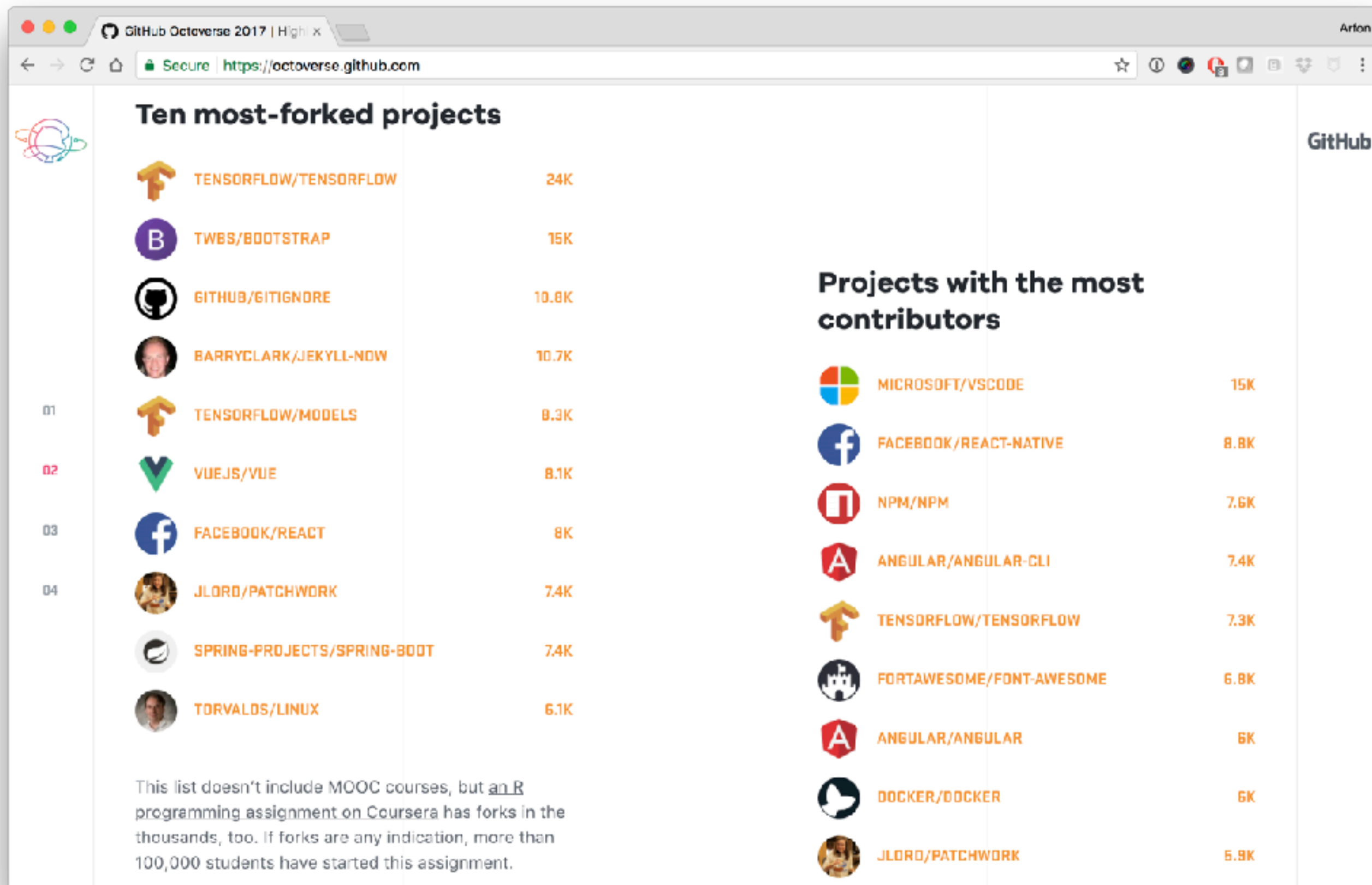
Maturity model



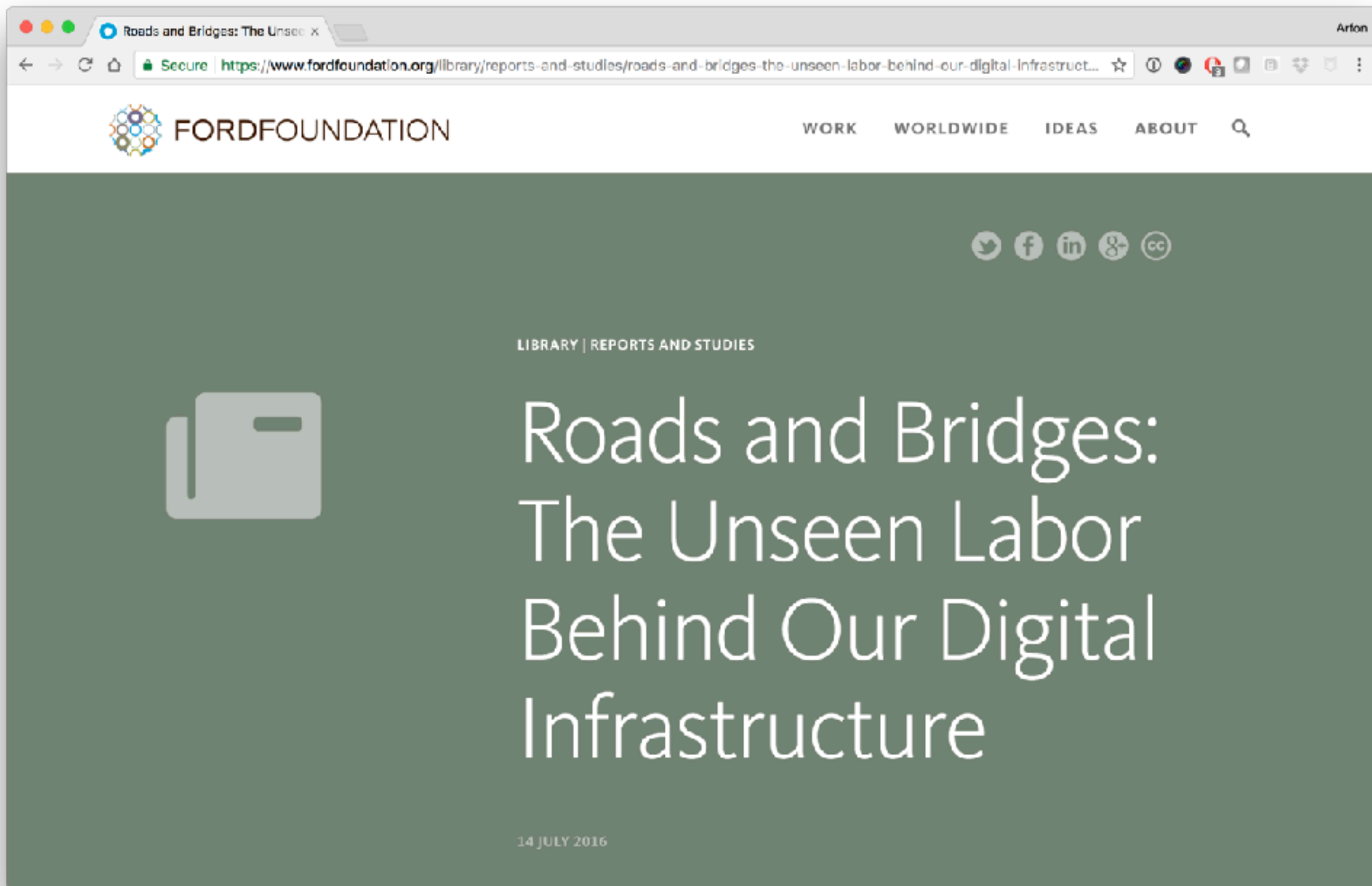
Open is the new normal.

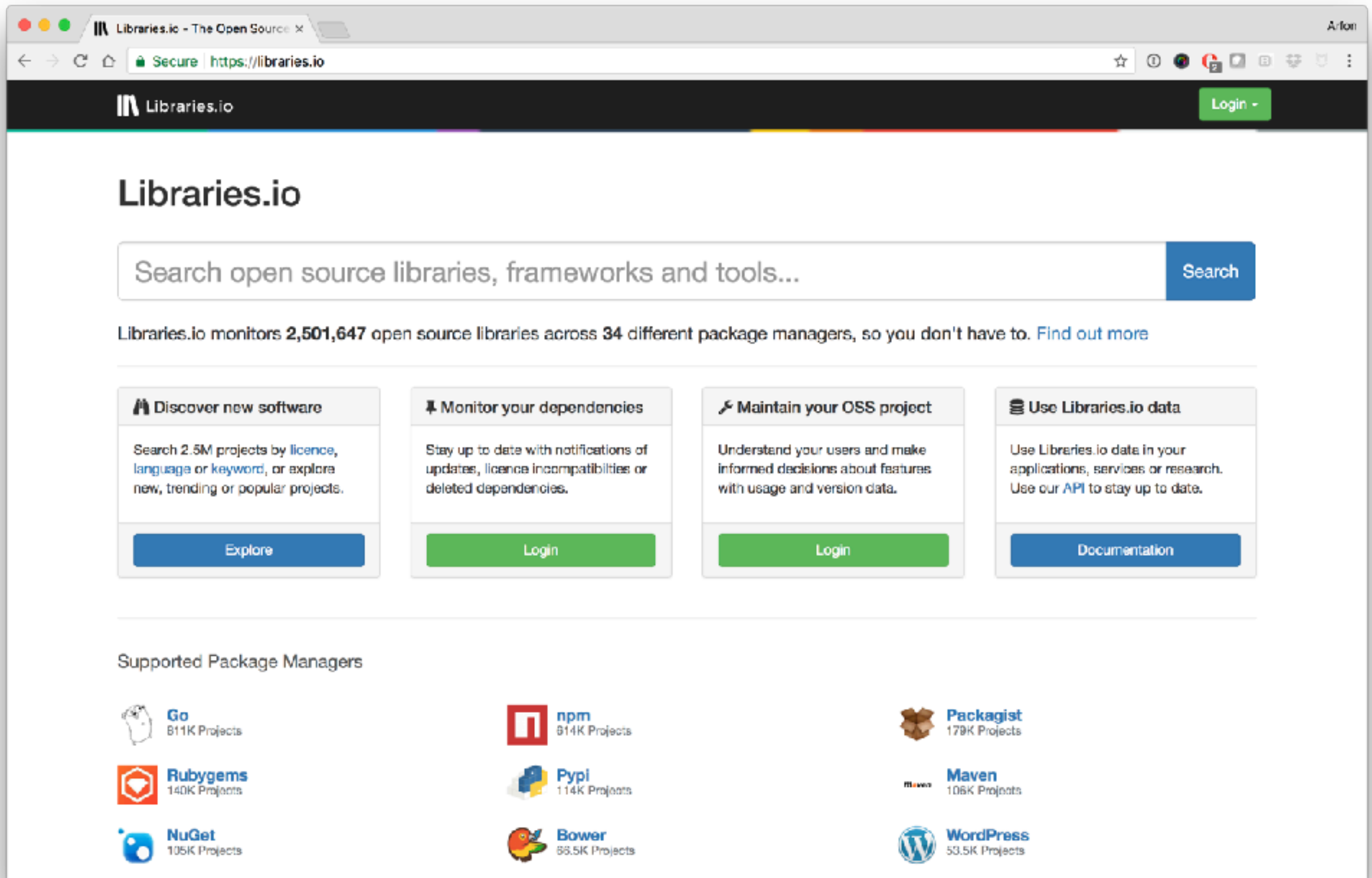
Open source as a strategic advantage.





Sustainability is an increasing concern.

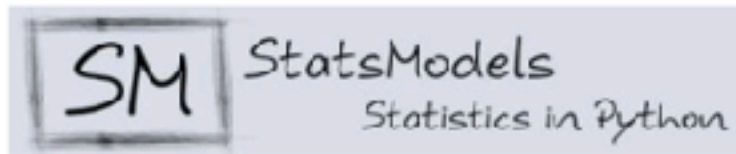




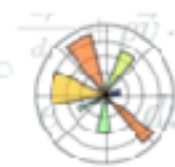
**‘Data-oriented’ software is particularly fertile
open source territory.**



(and many, many more)



scikit-image
image processing in python

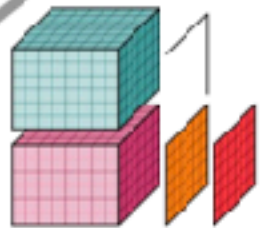
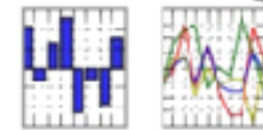


matplotlib

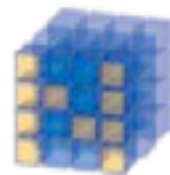


PyMC

pandas
 $y_{it} = \beta' x_{it} + \mu_i + \epsilon_{it}$



xarray



NumPy



Jupyter



SciPy

IP[y]:
IPython



Cython



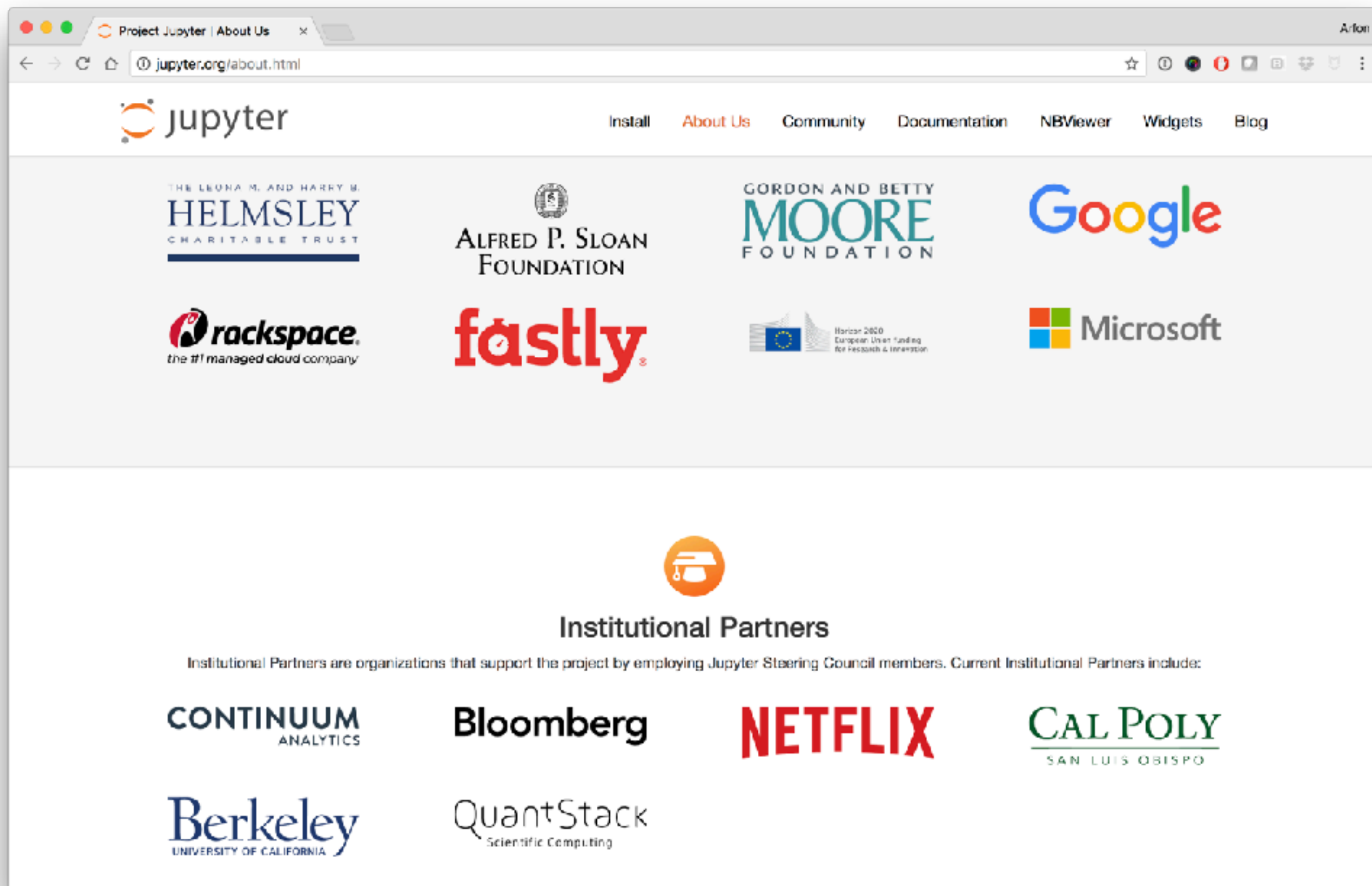
DASK



python™



Numba




Data science driving much of this.

Airbnb

GitHub, Inc. [US] | https://github.com/airbnb


☆ ⓘ 🌐 🔒 📄 🛡️ 🐙 ⋮



This organization Search

Pull requests Issues Marketplace Explore

🔔 + - 👤



Airbnb ⓘ

📍 San Francisco 🌐 http://airbnb.io

📁 Repositories 148

👤 People 30

Pinned repositories

javascript

JavaScript Style Guide

🟡 JavaScript ⭐ 61.6k 🍏 11.9k

enzyme

JavaScript Testing utilities for React

🟡 JavaScript ⭐ 11.5k 🍏 1.2k

aerosolve

A machine learning package built for humans.

🔴 Scala ⭐ 4.2k 🍏 542

react-dates

An easily internationalizable, mobile-friendly datepicker library for the web

🟡 JavaScript ⭐ 5.7k 🍏 651

lottie-android

Render After Effects animations natively on Android and iOS, Web, and React Native

🟠 Java ⭐ 17k 🍏 2.5k

lottie-ios

An iOS library to natively render After Effects vector animations

🔵 Objective-C ⭐ 11.3k 🍏 1.4k

Search repositories...


Type: All ▾

Language: All ▾

lottie-web

after effects to html library

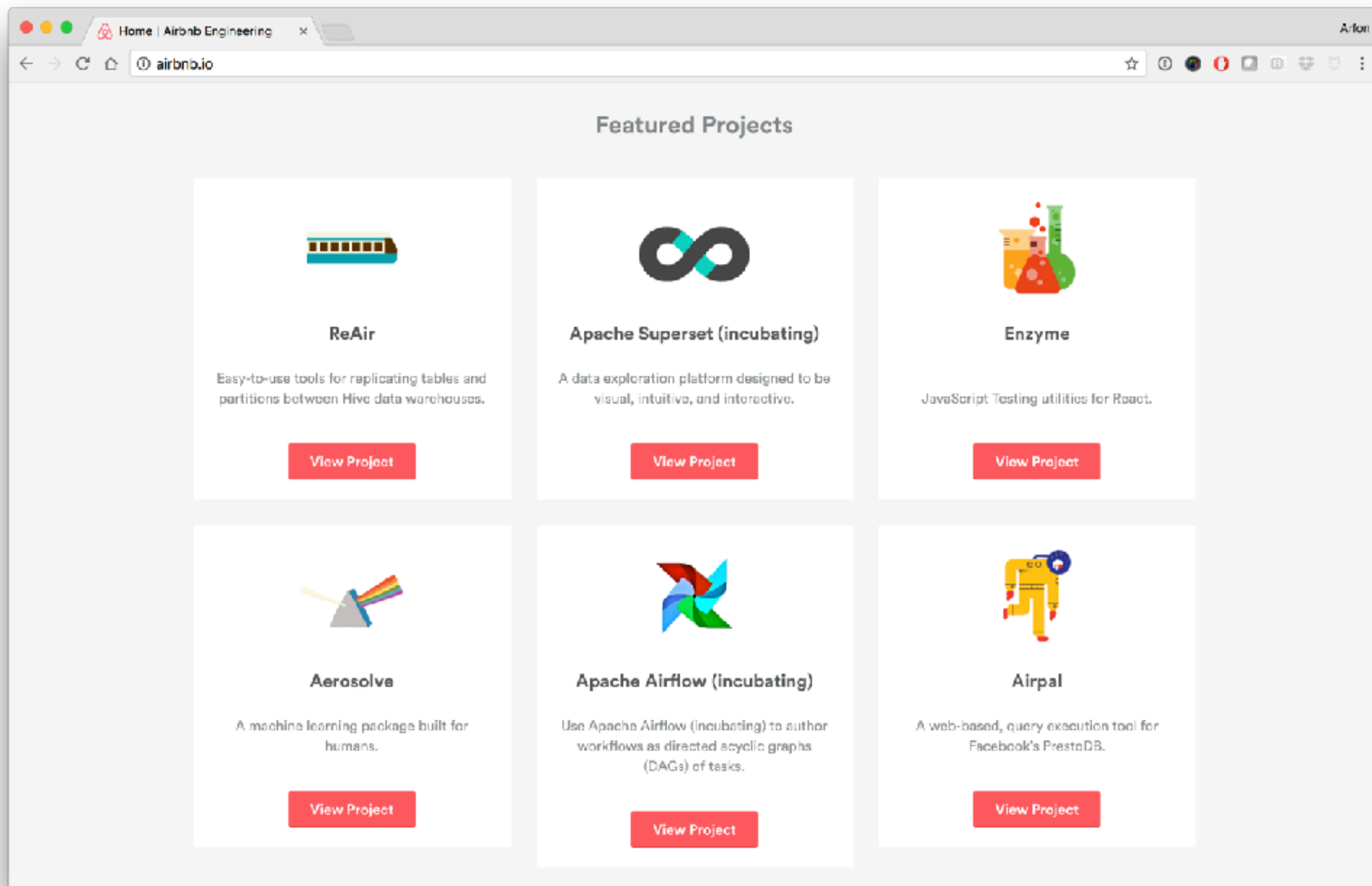
🟡 JavaScript ⭐ 8,203 🍏 623 📄 MIT Updated 2 minutes ago



Top languages

🟡 JavaScript 🔴 Ruby 🟠 Java

🔵 Python 🔴 HTML



Featured Projects



ReAir

Easy-to-use tools for replicating tables and partitions between Hive data warehouses.

[View Project](#)

Apache Superset (incubating)

A data exploration platform designed to be visual, intuitive, and interactive.

[View Project](#)

Enzyme

JavaScript Testing utilities for React.

[View Project](#)

Aerosolve

A machine learning package built for humans.

[View Project](#)

Apache Airflow (incubating)

Use Apache Airflow (incubating) to author workflows as directed acyclic graphs (DAGs) of tasks.

[View Project](#)

Airpal


A web-based, query execution tool for Facebook's PrestoDB.


[View Project](#)

Netflix, Inc.

GitHub, Inc. [US] | https://github.com/Netflix

☆ ⓘ 🌐 🇮🇹 📺 📄 🛡️ 🐱 ⋮

 This organization Search Pull requests Issues Marketplace Explore 🔔 + 👤



Netflix, Inc.

Netflix Open Source Platform

📍 Los Gatos, California 🌐 http://netflix.github.io/ ✉ netflixoss@netflix.com


📁 Repositories 131 👤 People 40

Search repositories... Type: All Language: All

hollow

Hollow is a java library and toolset for disseminating in-memory datasets from a single producer to many consumers for high performance read-only access.

🇯🇵 Java ⭐ 579 🍴 52 📄 Apache-2.0 Updated 5 minutes ago




genie

Distributed Big Data Orchestration Service

java distributed-systems big-data spring-boot bigdata


🇯🇵 Java ⭐ 798 🍴 195 📄 Apache-2.0 Updated an hour ago



msl

Message Security Layer

🇯🇵 JavaScript ⭐ 432 🍴 55 📄 Apache-2.0 Updated an hour ago



Top languages
















🇯🇵 Java 🇺🇸 JavaScript 🇵🇹 Python 🇷🇺 Ruby 🇧🇪 Go

Most used topics

aws python

People

40 >




Netflix Open Source Software

netflix.github.io

Arfon

Netflix Open Source Software Center


Netflix is committed to open source. Netflix both leverages and provides open source technology focused on providing the leading Internet television network. Our technology focuses on providing immersive experiences across all Internet-connected screens. Netflix's deployment technology allows for continuous build and integration into our worldwide deployments serving members in over 50 countries. Our focus on reliability defined the bar for cloud based elastic deployments with several layers of failover. Netflix also provides the technology to operate services responsibly with operational insight, peak performance, and security. We provide technologies for data (persistent & semi-persistent) that serve the real-time load to our 62 million members, as well as power the big data analytics that allow us to make informed decisions on how to improve our service. If you want to learn more, jump into any of the functional areas below to learn more.



Big Data

Tools and services to get the most out of your (big) data

Data is invaluable in making Netflix such an exceptional service for our customers. Behind the scenes, we have a rich ecosystem of (big) data technologies facilitating our algorithms and analytics. We use and contribute to broadly-adopted open source technologies including Hadoop, Hive, Pig, Parquet, Presto, and Spark. In addition, we've developed and contributed some additional tools and services, which have further elevated our data platform. [Gene](#) is a powerful, REST-based abstraction to our various data processing frameworks, notably Hadoop. [Inviso](#) provides detailed insights into the performance of our Hadoop jobs and clusters. [Lipstick](#) shows the workflow of Pig jobs in a clear, visual fashion. And [Aegisthus](#) enables the bulk abstraction of data out of Cassandra for downstream analytic processing.



Build and Delivery Tools


Taking code from desktop to the cloud

Netflix has open sourced many of our Gradle plugins under the name [Nebula](#). Nebula started off as a set of strong opinions to make Gradle simple to use for our developers. But we quickly learned that we could use the same assumptions on our open source projects and on other Gradle plugins to make them easy to build, test and deploy. By standardizing plugin development, we've lowered the barrier to generating them, allowing us to keep our build modular.

AT&T Open Source

GitHub, Inc. [US] | https://github.com/att


☆ ⓘ 🌐 🔍 📄 📁 📧 ⋮



This organization Search

Pull requests Issues Marketplace Explore

🔔 + 👤



AT&T Open Source

<http://www.research.att.com> github@research.att.com

Repositories 93

People 4

Search repositories...


Type: All

Language: All

docker-forensics

Tools to assist in forensicaling docker


Python ★ 21 🔗 4 📄 BSD-3-Clause Updated 2 hours ago



rcloud


Collaborative data analysis and visualization

JavaScript ★ 341 🔗 118 📄 MIT Updated 3 hours ago



ast

This is the AT&T Software Technology ast software download site from AT&T Research. The AT&T AST OpenSource Software Collection provides an overview and Practical Reusable UNIX Software provides a historical perspective. You can join the ast and uwin mailgroups, or monitor the mail archives. There is also an AT&T internal talk. The man page Inde...







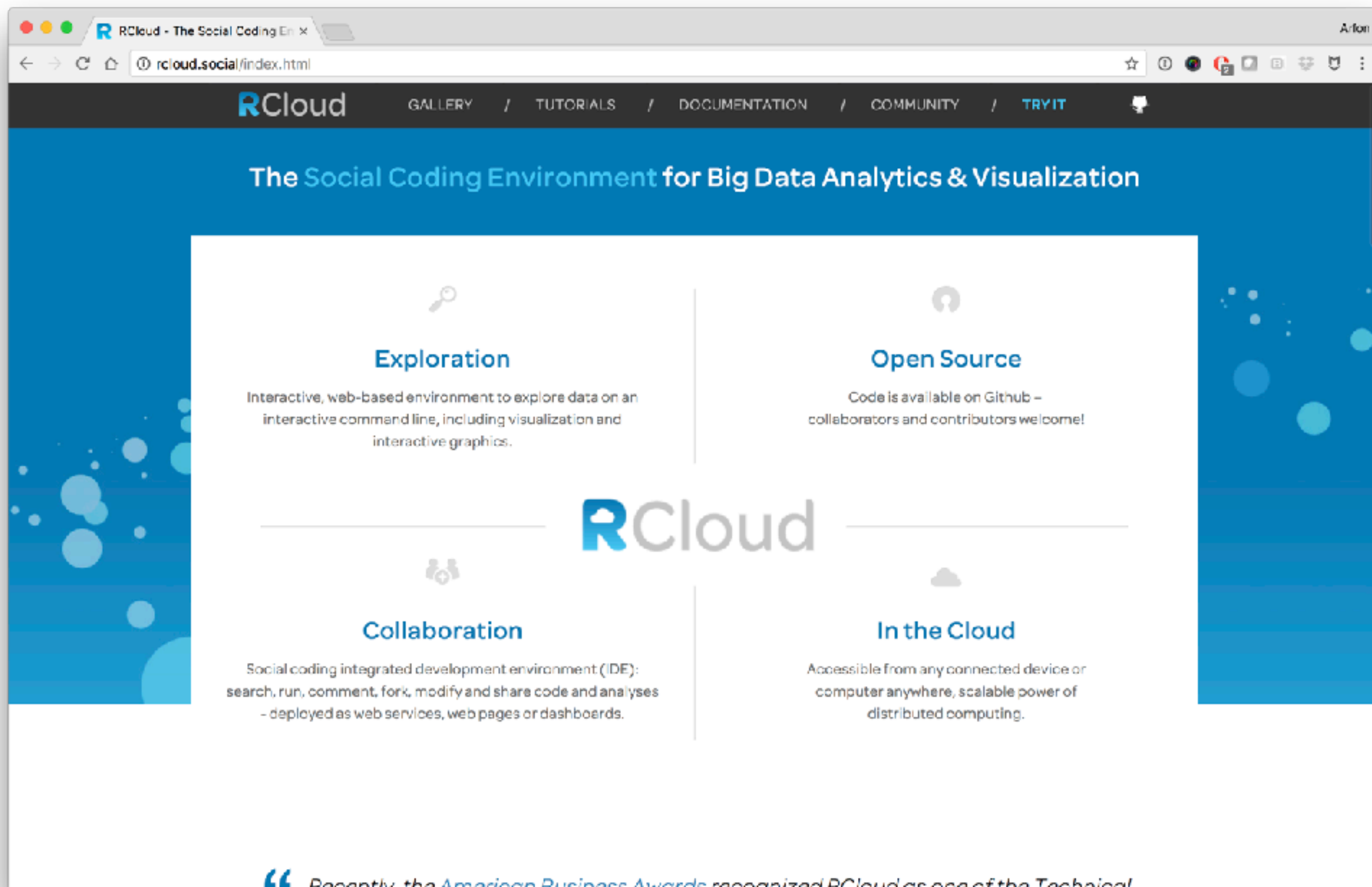
Top languages

JavaScript Java Python C CSS

People

4 >





RCloud

GALLERY

TUTORIALS

DOCUMENTATION

COMMUNITY

TRY IT

The Social Coding Environment for Big Data Analytics & Visualization



Exploration

Interactive, web-based environment to explore data on an interactive command line, including visualization and interactive graphics.



Open Source

Code is available on Github – collaborators and contributors welcome!



Collaboration

Social coding integrated development environment (IDE): search, run, comment, fork, modify and share code and analyses – deployed as web services, web pages or dashboards.



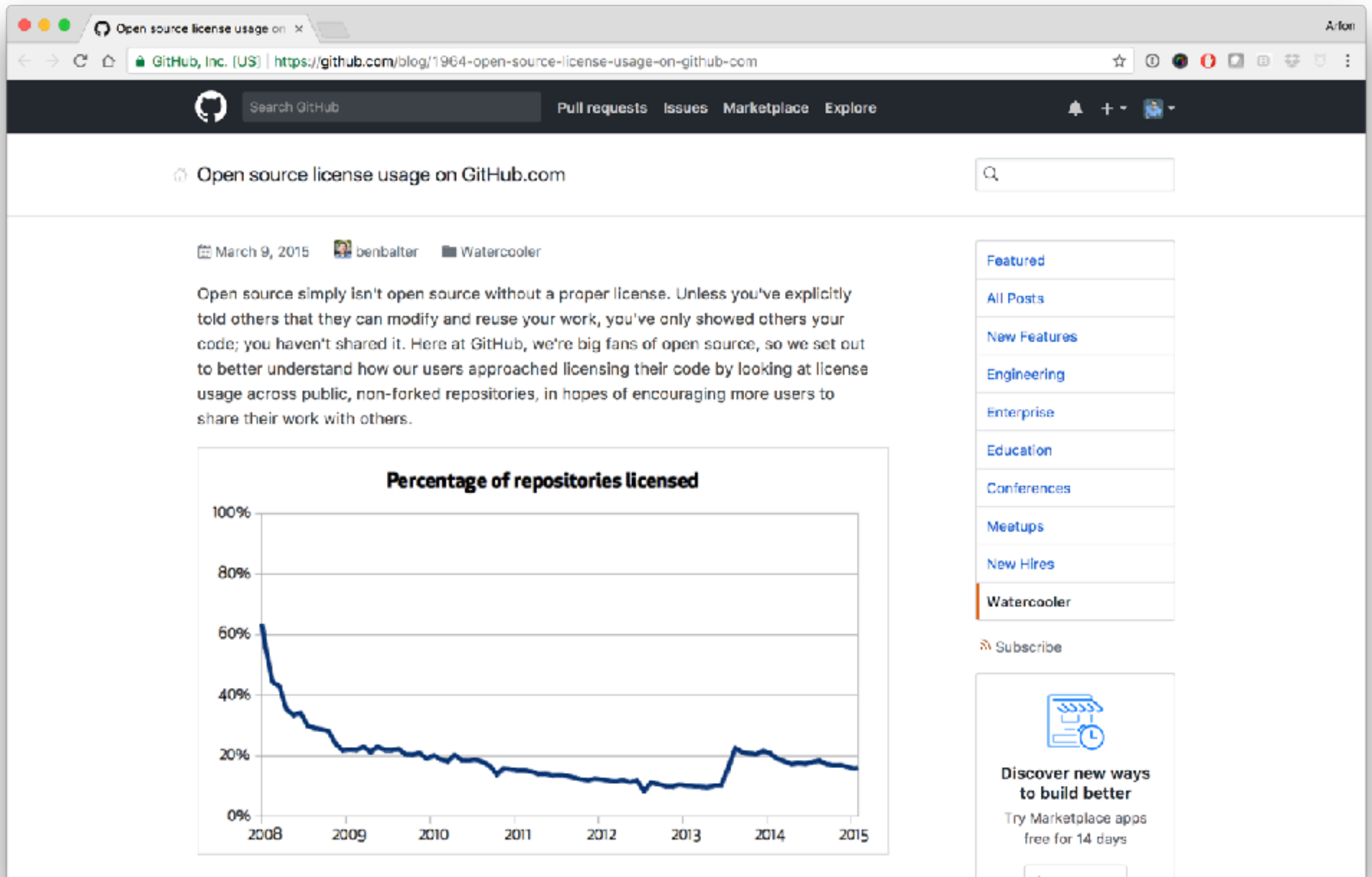
In the Cloud

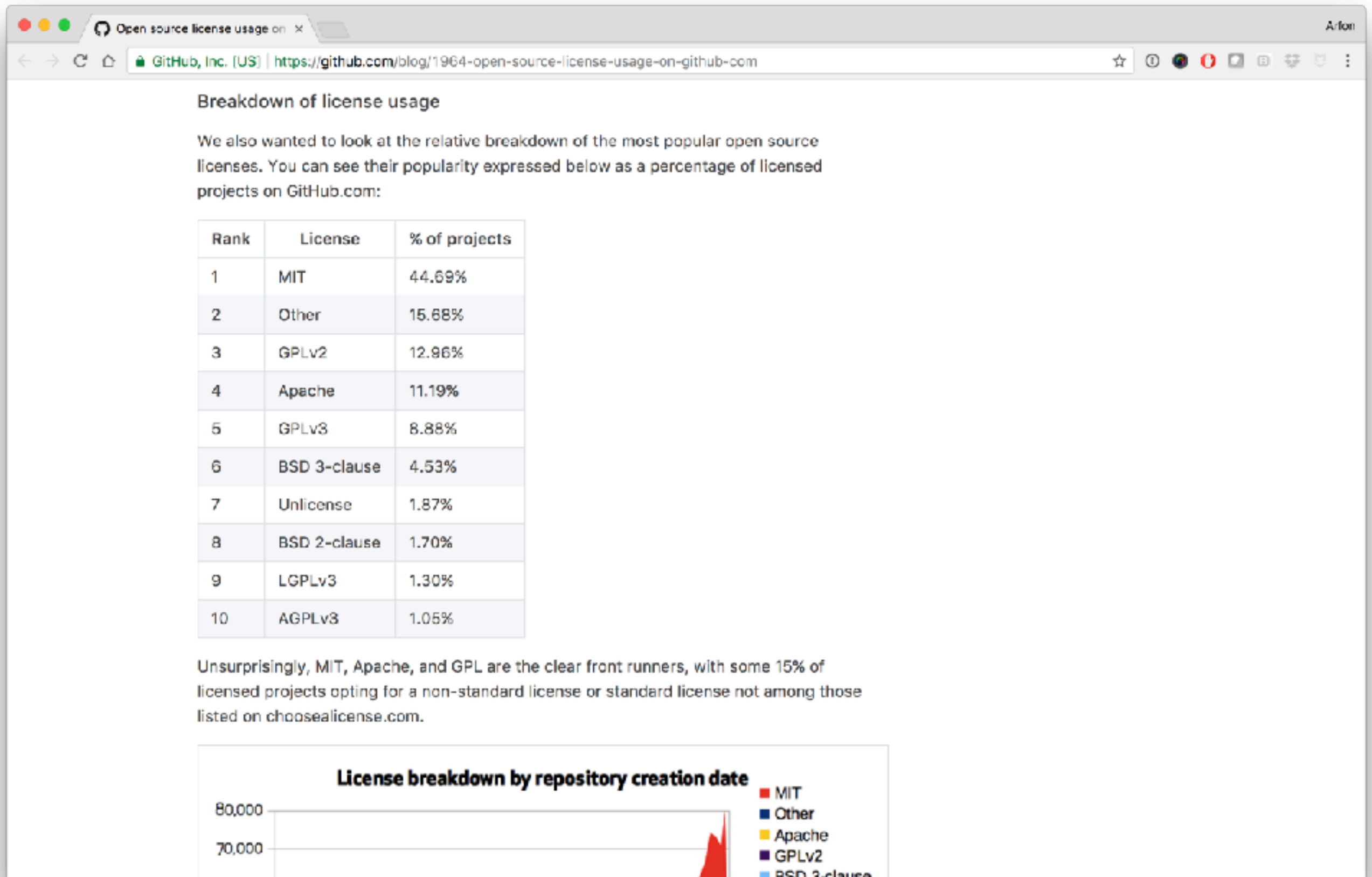
Accessible from any connected device or computer anywhere, scalable power of distributed computing.

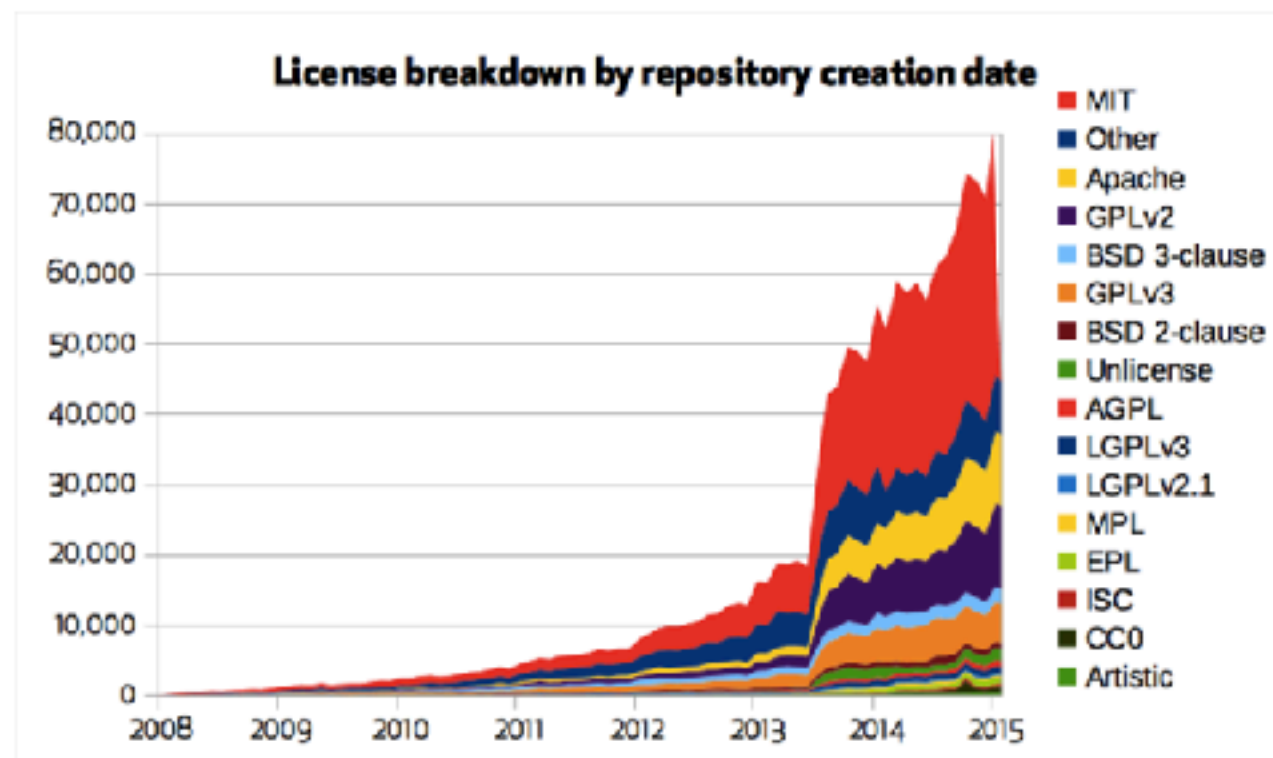
RCloud

“Recently, the [American Business Awards](#) recognized RCloud as one of the Technical

License is important.







Last, we looked at how license usage has changed over time. Again, you see a swift uptick of the three featured license (MIT, Apache, GPL) in mid-2013, with the relative percentages remaining otherwise steady over the past six years.

Developers use GitHub because they want to share their code with the world, and the data suggests that when the tools we use make it a little bit easier, developers do just that. When presented with the option, they choose to license, and they license very permissively.

Under the hood

To detect what license, if any, a project is licensed under, we used an open source Ruby gem called [Licensee](#) to compare the repository's `LICENSE` file to a short list of known licenses. However, it's important to note that this approach doesn't count a project as licensed if the README indicates a specific license or if individual project files contain a

WHICH LICENSE YOU PICK

~~License~~ is important.

Business friendly, 'permissive' licenses are dominant in data-oriented software

Academia can learn from open source.

*Insights from GitHub: Ideas
Academia should copy*

1.1

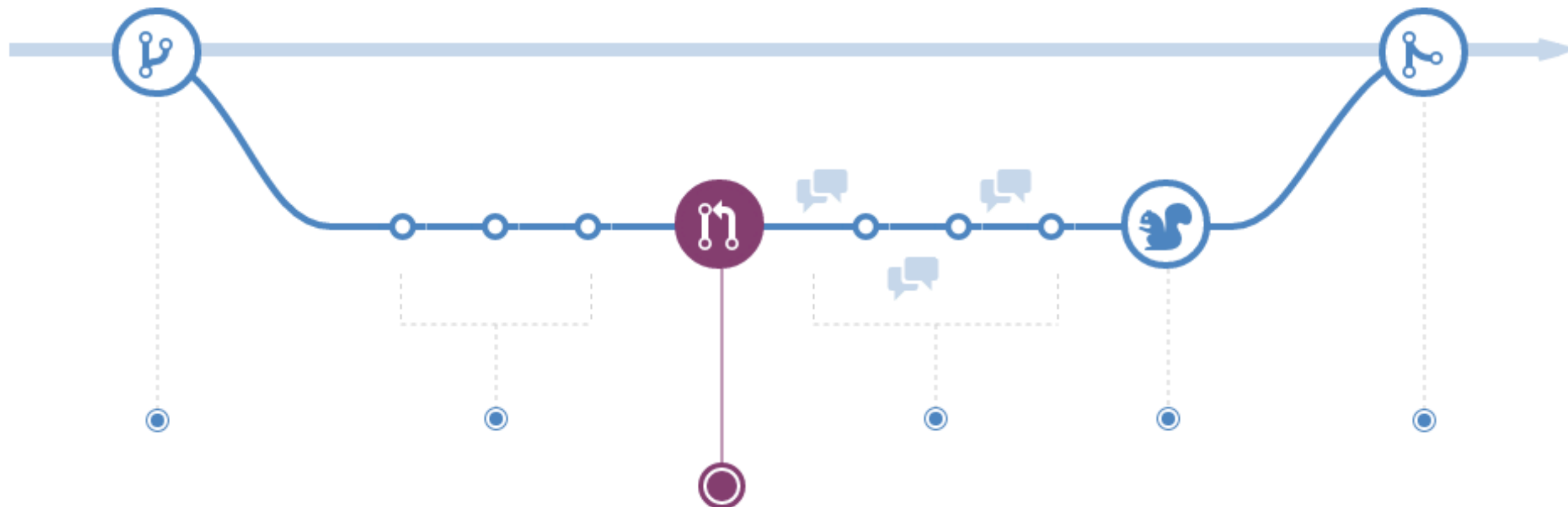
Idea 1: Open collaborations

Open Source vs Open Collaborations

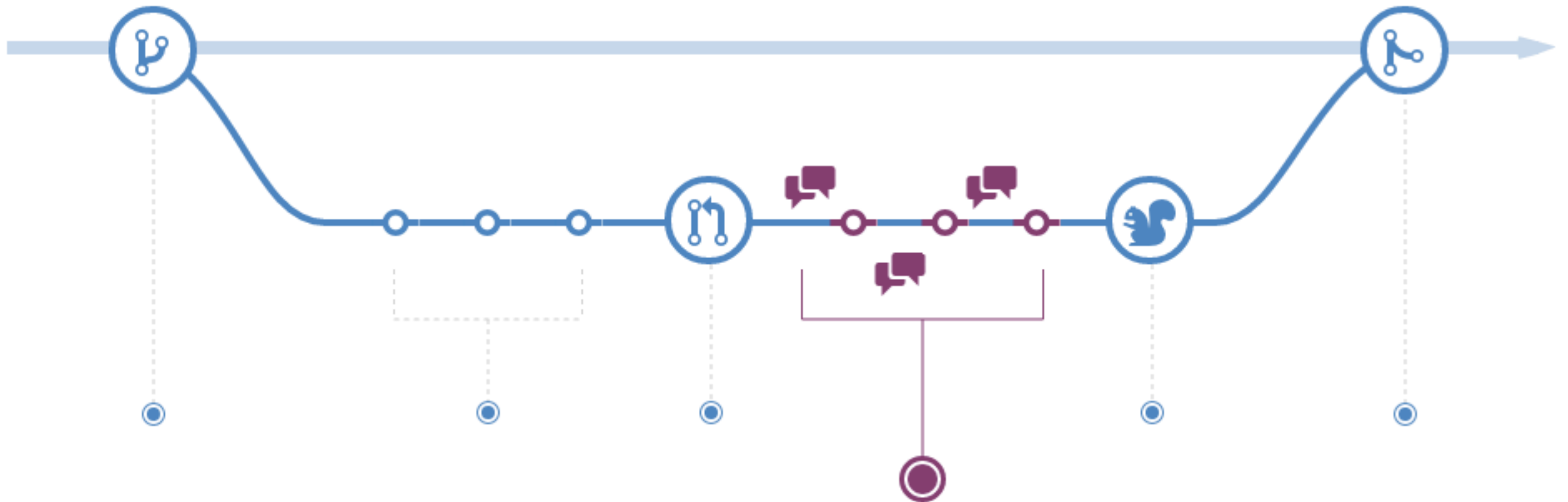
Open Source: *the right to
modify*

Open Collaborations: *a highly collaborative development process and are receptive to contributions of code, documentation, discussion, etc from anyone who shows competent interest.*

The pull request



Code first, permission later



Capture context

Expanded About Section by X

GitHub, Inc. [US] https://github.com/github/github/pull/2797

GitHub

This repository Search or type a command

Explore Gist Blog Help

arfon

PRIVATE

github / github

Unwatch 48

Star 42

Fork 37

Merged

pjhyett merged 130 commits into master from about3 over 1 year ago


1,017

#2797

Discussion

Commits 130

Files Changed 35



pjhyett opened this pull request 2 years ago

Expanded About Section

Edit

No one is assigned

Milestone: About 2.0


Starting to work on <https://team.githubapp.com/projects/15>

At this point I've just applied the repo admin styling to give us some about sections and shuffled the existing content around. It's rough, but you got the idea:

github

Signup and Pricing Explore GitHub Features Blog Login

We make it easier to collaborate with others and share your projects with the universe.



About

About

Originally founded by [Chris Wanstrath](#), [PJ Hyett](#) and [Tom Preston-Werner](#) as a project to simplify sharing code, GitHub has grown into an application used by over a million people to store over [two million code](#).

Waiting for github-camo.global.ssl.fastly.net...

Expanded About Section by X

GitHub, Inc. [US] https://github.com/github/github/pull/2797

pjhyett

Merge pull request #2797 from github/about3

dbb9c9a

Merged

pjhyett

merged commit dbb9c9a into master from about3 2 years ago

Closed

pjhyett

closed the pull request 2 years ago

leereilly

I referenced this pull request

a year ago

Pull Request #6881: Make logos a first class citizen

Merged

Write

Preview

Comments are parsed with GitHub Flavored Markdown

Leave a comment

Attach images by dragging & dropping, selecting them, or pasting from the clipboard.

30

50

30

50

40

60

Tip: You can also add notes to lines changed in a file under Diff

Comment

Mute

You are receiving notifications because you are watching this repository.

© 2013 GitHub, Inc. Terms Privacy Security Contact

Status API Training Shop Blog About

Exposed process

Every time this happens
the community learns

Idea 2: Culture of reuse

Software composed of many
components

**Your software is the thing
that is *different***

Current academic credit
model **rewards novelty**

Idea 3: Verification

*“open source is...
reproducible by necessity”*

Fernando Perez

ISSUES

Pull requests

Labels

Milestones

Filters ▾

is:pr is:open

[New pull request](#)

33 Open 1,188 Closed

Author ▼

Labels ▾

Milestones ▾

Assignee ▾

Sort ▾

☐ **Public Key as a language with .asc and .pub extensions** ✓

#1844 opened 17 minutes ago by pchaigno

☐ Add support for Turtle and SPARQL

#1641 opened 19 hours ago by danmichaels

☐ Add Lisp and PicoLisp language. ✓

#1637 opened 2 days ago by Grahack

☐ Optimization of generated?

#1882 opened 2 days ago by pchaigno

 Set "missing" ace modes to 'text' ✓

#1881 opened 2 days ago by gjteriklan

🔒 **Fix bug in #1731; add .xml.fr and .html.fr** ✓

#1630 opened 2 days ago by larsbrinkhoff

☐ **Test folder for files without a language** ✓

#1829 opened 2 days ago by pchaingo

☐ **Support for Rc from Plan9** ✓

#1628 opened 3 days ago by pchaingo

 SaltStack state files use the same extension as old scheme library source files

#1825 opened 3 days ago by iggy




● ● ●

Pull Requests · github/linguist


← → ↺ 🏠


GitHub, Inc. [US] https://github.com/github/linguist/pulls?q=is%3Aopen+author%3Abkeepers+

☆ ⓘ ≡

 This repository Search

Explore Gist Blog Help

 arlon + ⚙️ 📄

 **github / linguist**

👁 Unwatch ▾ 45

★ Star 2,473

🍴 Fork 1,019

Issues Pull requests Labels Milestones


Filters ▾ 🔍 is:open author:bkeepers

New pull request

✕ Clear current search query, filters, and sorts


☐ 1 Open 🏆 30 Closed

Author ▾ Labels ▾ Milestones ▾ Assignee ▾ Sort ▾

☐  **Remove .scriptl hack** 🏆
#1786 opened 9 days ago by bkeepers 7

💡 ProTip! Notify someone on an issue with a mention, like: @arlon.

© 2014 GitHub, Inc. Terms Privacy Security Contact



Status API Training Shop Blog About

Remove .script! hack by bkeepers

GitHub, Inc. [US]

https://github.com/github/linguist/pull/1786

This repository

Search

Explore

Git

Blog

Help

anton

+

github / linguist

Unwatch 45

Star 2,473

Fork 1,019

Remove .script! hack #1786

Open bkeepers wants to merge 3 commits into strategies from remove-script-ext

Conversation 7Commits 3Files changed 36

bkeepers commented 9 days ago

Admin

It is no longer necessary.

/cc @arfon @pchaigno

bkeepers added some commits 9 days ago

Remove .script! hack

Don't need a separate class for filename lookup

Remove puts

bkeepers commented 9 days ago

Admin

I should note that this is also dependent on #1663.

bkeepers commented on the diff 9 days ago

lib/linguist/samples.rb

@@ -53,16 +53,13 @@ def self.each(&block)

Labels

None yet

Milestone

No milestone

Assignee

No one — assign yourself

Notifications

Unsubscribe

You're receiving notifications because you were mentioned.

2 participants

Look pull request


Remove .script! hack by bkeepers

GitHub, Inc. [US] https://github.com/github/linguist/pull/1786

← → ↺ 🏠

☆ ⓘ ≡

makes mistakes. I don't think it would be able to choose among all script languages...
If we continue with this behavior we should make sure first that the classifier will do a good job.




bkeepers commented 9 days ago

Admin ✎ ✕

Fair point.


Add more commits by pushing to the `remove-script-ext` branch on `github/linguist`.




• Waiting to hear about 7241746 — The Travis CI build is in progress · [Details](#)

Merge with caution!

You can also merge branches on the [command line](#).

 Merge pull request



Write Preview

MD Markdown supported Edit in fullscreen

Leave a comment


Attach images by dragging & dropping, [selecting them](#), or pasting from the clipboard.

Close pull request

Comment

💡 ProTip! Add `.patch` or `.diff` to the end of URLs for Git's plaintext views.

© 2014 GitHub, Inc. [Terms](#) [Privacy](#) [Security](#) [Contact](#)



[Status](#) [API](#) [Training](#) [Shop](#) [Blog](#) [About](#)

Travis CI - Free Hosted Co

https://travis-ci.org/github/linguist/builds/42438064

Travis CI for Private Repositories

Arfon Smith

Search all repositories

My RepositoriesRecent+

github/developer.github.com694

2 min 34 sec

about 5 hours ago

leereilly/swot573

48 sec

about 6 hours ago

github/android364

1 min 59 sec

about 12 hours ago

github/github-ldap478

3 min 4 sec

a day ago

education/teachers_pet244

1 min 10 sec

a day ago

github/github-services308

github/linguist

build passing

Language Savant. If your repository's language is being reported incorrectly, send us a pull request!

Current

Build History

Pull Requests

Branch Summary

Build #3869

strategies - Remove puts

#3869 passed

ran for 8 min 3 sec

8 days ago

Brandon Keepers authored and committed

Commit b1229c9

#1786: Remove script1 back

Build Matrix

Job	Duration	Finished	Ruby	OS
3869.1	1 min 51 sec	8 days ago	1.9.3	linux
3869.2	1 min 52 sec	8 days ago	2.0.0	linux
3869.3	2 min 10 sec	8 days ago	2.1	linux
3869.4	2 min 10 sec	8 days ago	2.2	linux

https://travis-ci.org/github/linguist/builds/42438064

about 5 hours ago

leereilly/swot573

48 sec

about 6 hours ago

github/android364

1 min 59 sec

about 12 hours ago

github/github-ldap478

3 min 4 sec

a day ago

education/teachers_pet244

1 min 10 sec

a day ago

github/github-services308

4 min 18 sec

a day ago

openjournals/brief-ideas59

3 min 59 sec

2 days ago

github/pages-gem263

1 min 37 sec

4 days ago

strategies - Remove puts

#3869.3 passed

ran for 2 min 10 sec

8 days ago

Brandon Keepers authored and committed

Commit b1229d9 #1786: Remove .script hack

1 Using worker: worker-linux-6-2.bb.travis-ci.org:travis-linux-19

2

3 Build system informationsystem_info

4

5

6 \$ git clone --depth=50 git://github.com/github/linguist.git github/linguistgit_checkout2.19s

24 \$ rvm use 2.1 --install --binary --fuzzyrvm0.42s

26 \$ export BUNDLE_GEMFILE=\$PWD/Gemfile

27 \$ ruby --version

28 ruby 2.1.4p265 (2014-10-27 revision 48166) [x86_64-linux]

29 \$ rvm --version

30 rvm 1.26.0 (master) by Wayne E. Seguin <wayneeseguin@gmail.com>, Michal Papik <mpapik@gmail.com> [https://rvm.io/]

31 \$ bundle --version

32 Bundler version 1.7.4

33 \$ gem --version

34 2.4.2

35 \$ git fetch origin master:masterbefore_install.10.09s

36 \$ git fetch origin v2.0.0:v2.0.0before_install.20.35s

47 \$ git fetch origin test/attributes:test/attributesbefore_install.30.35s

54 \$ git fetch origin test/master:test/masterbefore_install.40.09s

57 \$ sudo apt-get install libicu-dev -ybefore_install.56.89s

78 \$ bundle install --jobs=3 --retry=3install.bundler76.57s

106 \$ bundle exec rake

107 Run options:

108

109 # Running tests:

110

111 Finished tests in 26.317702s, 28.4599 tests/s, 309.6015 assertions/s.

112 749 tests, 8148 assertions, 0 failures, 0 errors, 0 skips

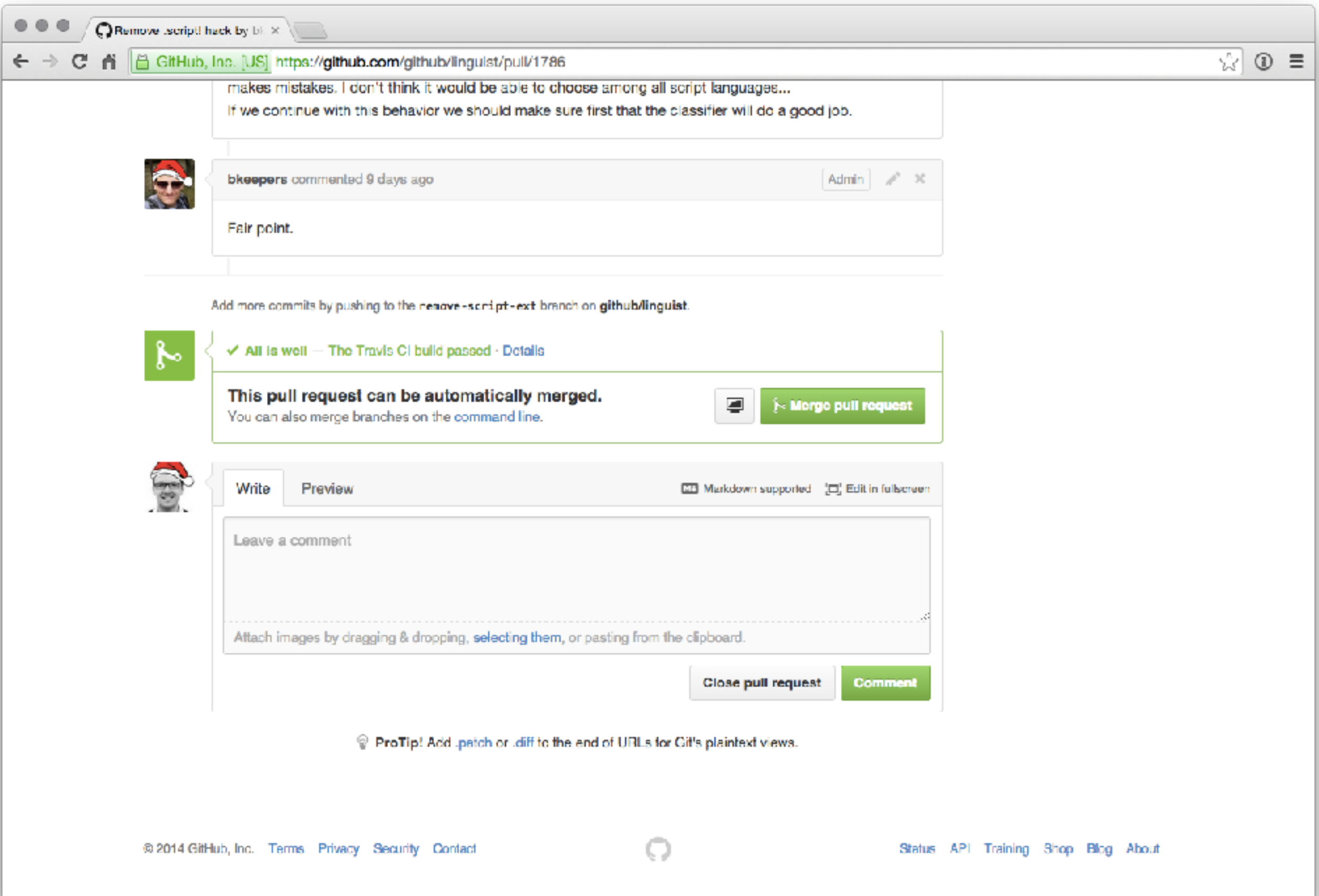
113

114 ruby -v: ruby 2.1.4p265 (2014-10-27 revision 48166) [x86_64-linux]

115

116 The command "bundle exec rake" exited with 0.

117



cms-sw/cms-sw

GitHub, Inc. [US] https://github.com/cms-sw/cms-sw

← → ↺ 🏠

This repository Search

Explore Gist Blog Help

arlon + ⚙️ 📄

cms-sw / cms-sw

Watch 45 Star 193 Fork 1,158

CMS Offline Software <http://cms-sw.github.io/>

📄 141,869 commits

🌿 39 branches

📦 2,775 releases

👤 306 contributors

🔄

branch: CMSSW_7_4_X

cms-sw / +

⋮

Merge pull request #6794 from matt-komm/new_trajectory_seeding

👤 cmsbuild authored a day ago

latest commit [ed0037b219](#)

Alignment	Merge pull request #6644 from caudeova/NewScenario	10 days ago
AnalysisAlgos	removed refvector from interface	2 months ago
AnalysisDataFormats	Changes for root 5.34.22	12 days ago
BigProducts/Simulation	disable LTO for biglibs with gcc 4.9.x	a month ago
CalibCalorimetry	Allow experiment type to be set	19 days ago
CalibFormats	Make CaloTPGTranscoder interface thread safe	a month ago
CalibMuon	Merge pull request #6077 from namapana/DTRecoConditions	a month ago
CalibTracker	Merge pull request #5784 from hidaspa/PXBDetId_PXFDetId_to_TrackerTo...	2 months ago
Calibration	Merge pull request #5772 from matteosan1/topic_HLTUpdateFor73X	24 days ago
CaloOnlineTools	Use thread-safe access to HCAL containers	a month ago
CommonTools	Merge pull request #6604 from vadler/73X-fixPileUpModulesReconfiguration	11 days ago
CondCore	Merge remote branch 'origin/CMSSW_7_3_X' into CMSSW_7_0_X	5 days ago
CondFormats	fix build errors in PhysicsToolsObjects	7 days ago

🔗 Code

🔍 Issues 6

🔀 Pull Requests 106

📖 Wiki

📊 Pulse

📈 Graphs

SSH clone URL

<git@github.com:cms-sw>

You can clone with [HTTPS](#), [SSH](#), or [Subversion](#).

📁 Clone in Desktop


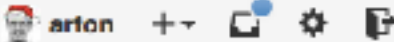
📦 Download ZIP


https://github.com/cms-sw/cms-sw

Merge pull request #6525 from dliquida/pepper2dropbox_DupeInfo 15 days ago

added shifted beamspot by x

← → ↺ 🏠 [GitHub, Inc. \[US\]](#) <https://github.com/cms-sw/cmsaw/pull/6790> ☆ ⓘ ≡

 This repository Search Explore [Git](#) [Blog](#) [Help](#) 


 [cms-sw](#) / [cmssw](#)

[Watch](#) 45 [Star](#) 193 [Fork](#) 1,158

added shifted beamspot #6790

[Open](#) [civanch](#) wants to merge 1 commit into [cms-sw:CMSSW_7_4_X](#) from [civanch:shifted beam spot](#)

[Conversation](#) 4 [Commits](#) 1 [Files changed](#) 3



civanch commented 2 days ago

Collaborator


HCAL requested special beam spot position to test HF phi asymmetry.

added shifted beamspot

64158Fc

cmsbuild added this to the Next CMSSW_7_4_X milestone 2 days ago

cmsbuild added [operations-pending](#) [pending-signatures](#) [simulation-pending](#) [tests-pending](#) [comparison-pending](#) labels 2 days ago



cmsbuild commented 2 days ago

Owner

A new Pull Request was created by @civanch (Vladimir Ivantchenko) for CMSSW_7_4_X.


added shifted beamspot

It involves the following packages:

Configuration/StandardSequences

IOHC/EventVertexGenerators

New Issue

<> ⓘ 

Labels

[comparison-evala...](#) [operations-pending](#) [pending-signatures](#) [simulation-approved](#) [tests-approved](#)

Milestone

Next CMSSW_7_4_X

Assignee

No one assigned

Notifications


[Subscribe](#)

You're not receiving notifications from this thread

added shifted beamspot by x

GitHub, Inc. [US] https://github.com/cms-sw/cmsaw/pull/6790

☆ ⓘ ≡



cmsbuild commented 2 days ago

Owner

A new Pull Request was created by @civanch (Vladimir Ivantchenko) for CMSSW_7_4_X.

added shifted beamspot

It involves the following packages:


Configuration/StandardSequences
IOMC/EventVertexGenerators

@civanch, @nclopezo, @mdhildreth, @cmsbuild, @franzoni, @davidlange6 can you please review it and eventually sign? Thanks.

@ghellwig, @makortel, @GiacomoSguazzoni, @rovere, @VinInn, @appeltel, @cerati, @dguhan this is something you requested to watch as well.

You can sign-off by replying to this message having '+1' in the first line of your reply.


You can reject by replying to this message having '-1' in the first line of your reply.




civanch commented 2 days ago

Collaborator

+1



cmsbuild added pending-signatures simulation-approved comparison-pending operations-pending tests-pending and removed comparison-pending pending-signatures tests-pending operations-pending simulation-pending labels 2 days ago




cmsbuild commented 2 days ago

Owner

+1

Tested at: 64158fc

<https://cmsadit.cern.ch/SDT/jenkins-artifacts/pull-request-integration/PR-6790/1439/summary.html>



cmsbuild added tests-approved comparison-pending operations-pending pending-signatures

Assignees



No one assigned

Notifications

🔔 Subscribe

You're not receiving notifications from this thread


2 participants




added shifted beamspt by x

GitHub, Inc. [US] https://github.com/cms-sw/cmsaw/pull/6790

☆ ⓘ ≡





 cmsbuild added tests-approved comparison-pending operations-pending pending-signatures simulation-approved and removed operations-pending comparison-pending simulation-approved pending-signatures tests-pending labels 2 days ago

Owner

cmsbuild commented 2 days ago

Comparison is ready
<https://cmssdt.cern.ch/SDT/jenkins-artifacts/pull-request-integration/PR-6790/1439/summary.html>


 cmsbuild added comparison-available operations-pending pending-signatures simulation-approved tests-approved and removed comparison-pending operations-pending pending-signatures simulation-approved tests-approved labels 2 days ago



✓ All is well — Tests OK · [Details](#)

This pull request can be automatically merged by project collaborators.

Only those with [write access](#) to this repository can merge pull requests.



Write

Preview

Markdown supported

Edit in fullscreen

Leave a comment

Attach images by dragging & dropping, selecting them, or pasting from the clipboard.

Comment

💡 ProTip! Add [.patch](#) or [.diff](#) to the end of URLs for Git's plaintext views.

The work we do at STScl

2

Space Telescope Science Institute Senior Leadership Team

Divisions

Products & Services



**Associate Director
Operations**
Jerry Kriss

**Associate Director
Administration**
Don Hough

**European Space
Agency**
Antonella Nota

**Science Staff
Chair**
Harry Ferguson

**Associate Director
Science**
Neill Reid

Deputy Director
Nancy Levenson

Director
Ken Sembach

INS – Instruments
ITSD – Information Technology Services
OED – Operations & Engineering
OPO – Office of Public Outreach
HR – Human Resources
PMO – Program Management Office
BRC – Business Resource Center

Missions

Priorities & Deliveries



SMO – Science Mission Office
CMO – Community Missions Office
DSMO – Data Sciences Mission Office
HST – Hubble Mission Office
JWST – Webb Mission Office
WFIRST – WFIRST Mission Office

The Data Science Mission Office is responsible for maximizing the scientific impact of data at STScI. We do this through a combination of: **Building and maintaining** world-leading data management infrastructure and services to support past, current and future missions. Being a **reliable and trusted** source of data, software, services and knowledge for the communities we support. **Developing institutional and community expertise** in combining data science and astronomy and **supporting the careers** of those individuals doing this work. **Exploring new technologies, services and infrastructure** designed to realize the potential of multi-wavelength, multi-mission astronomy.

Data Science Mission Office



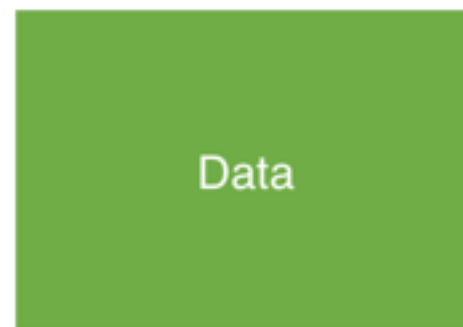
STScI | SPACE TELESCOPE
SCIENCE INSTITUTE

Data Analysis Tools, Calibration Pipelines, Data Management Infrastructure & Archives



STScI | SPACE TELESCOPE
SCIENCE INSTITUTE

Most basic archive: A safe store



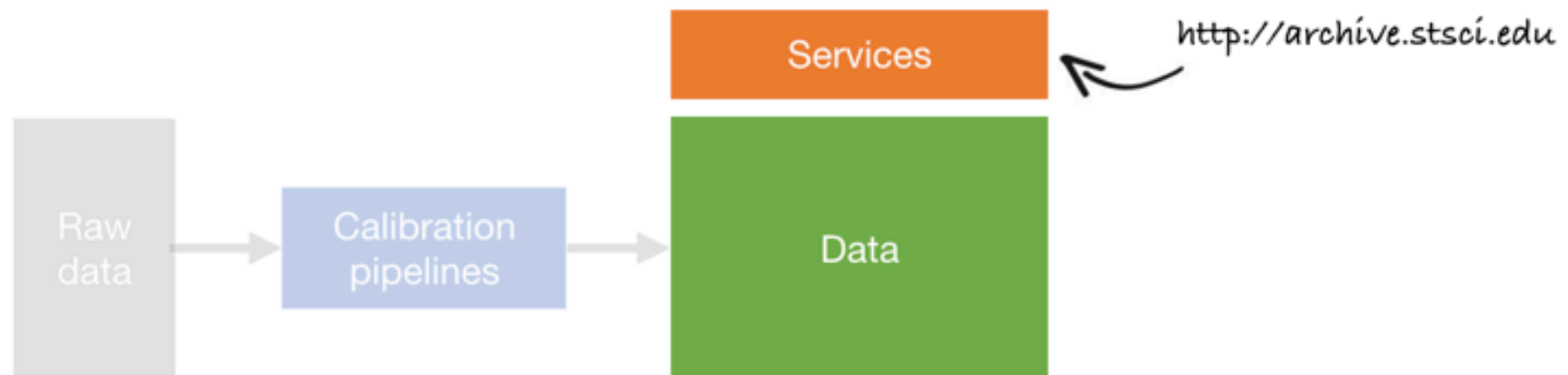
Better: Science-ready data archive



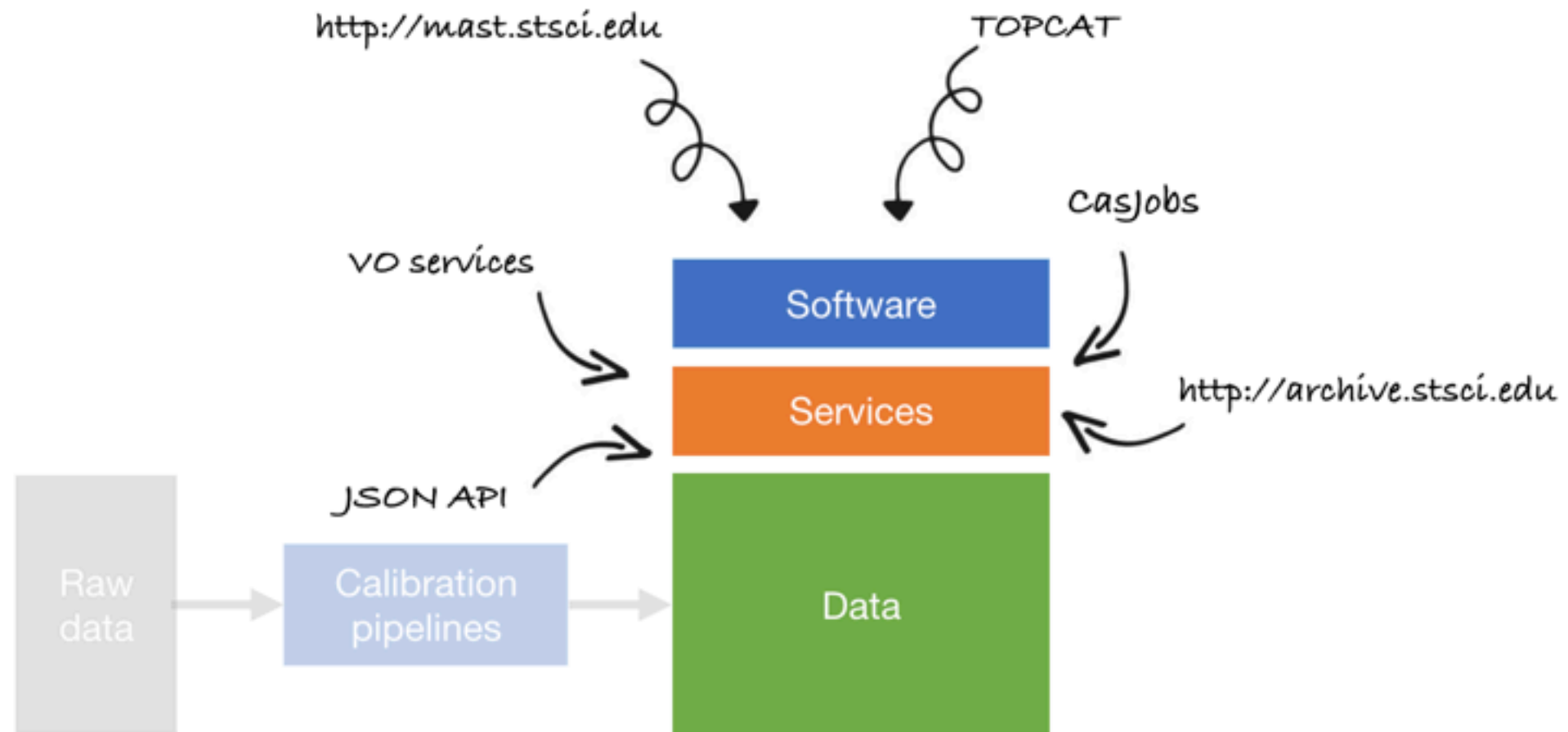
Archive



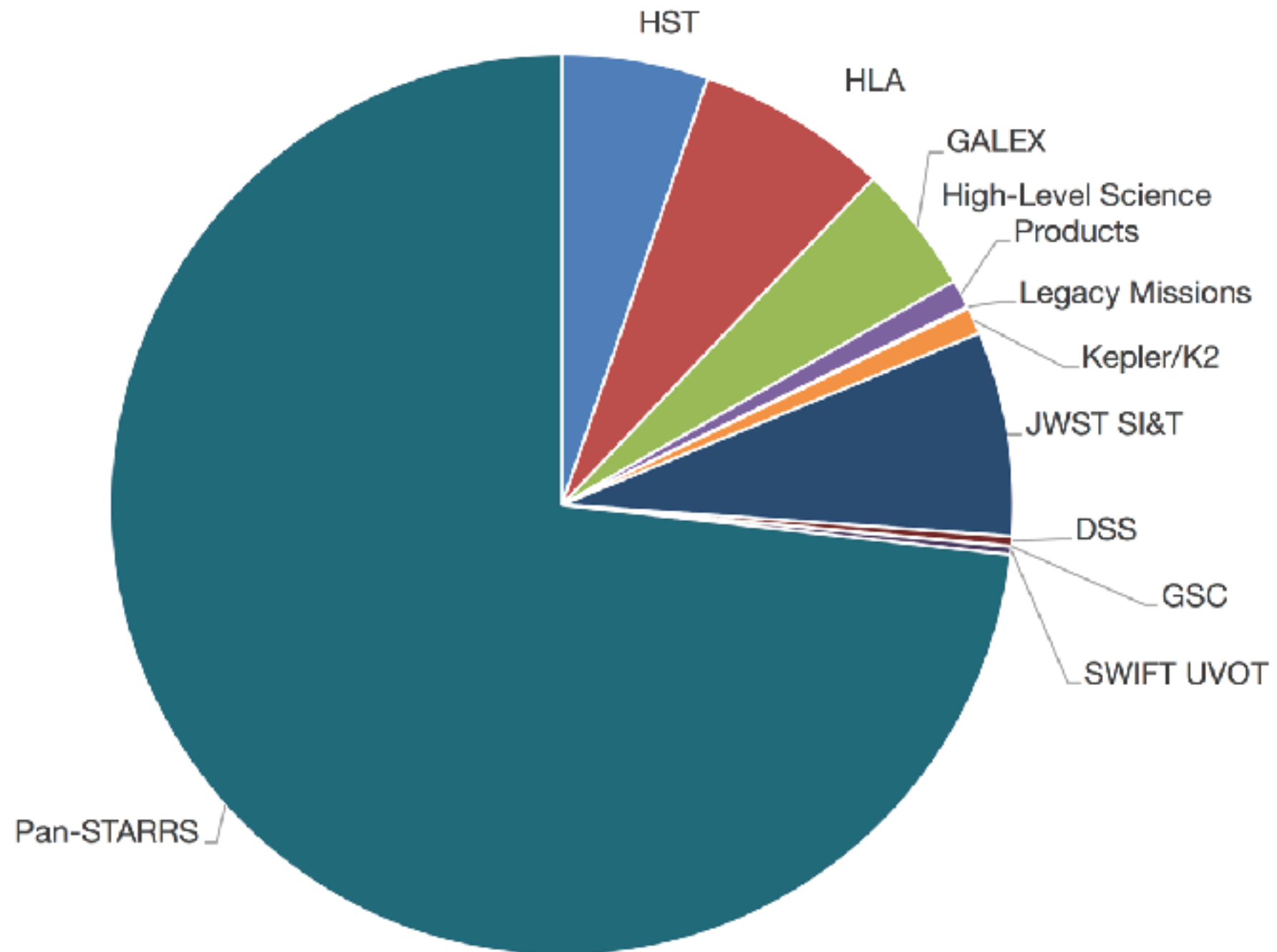
Archive, Services



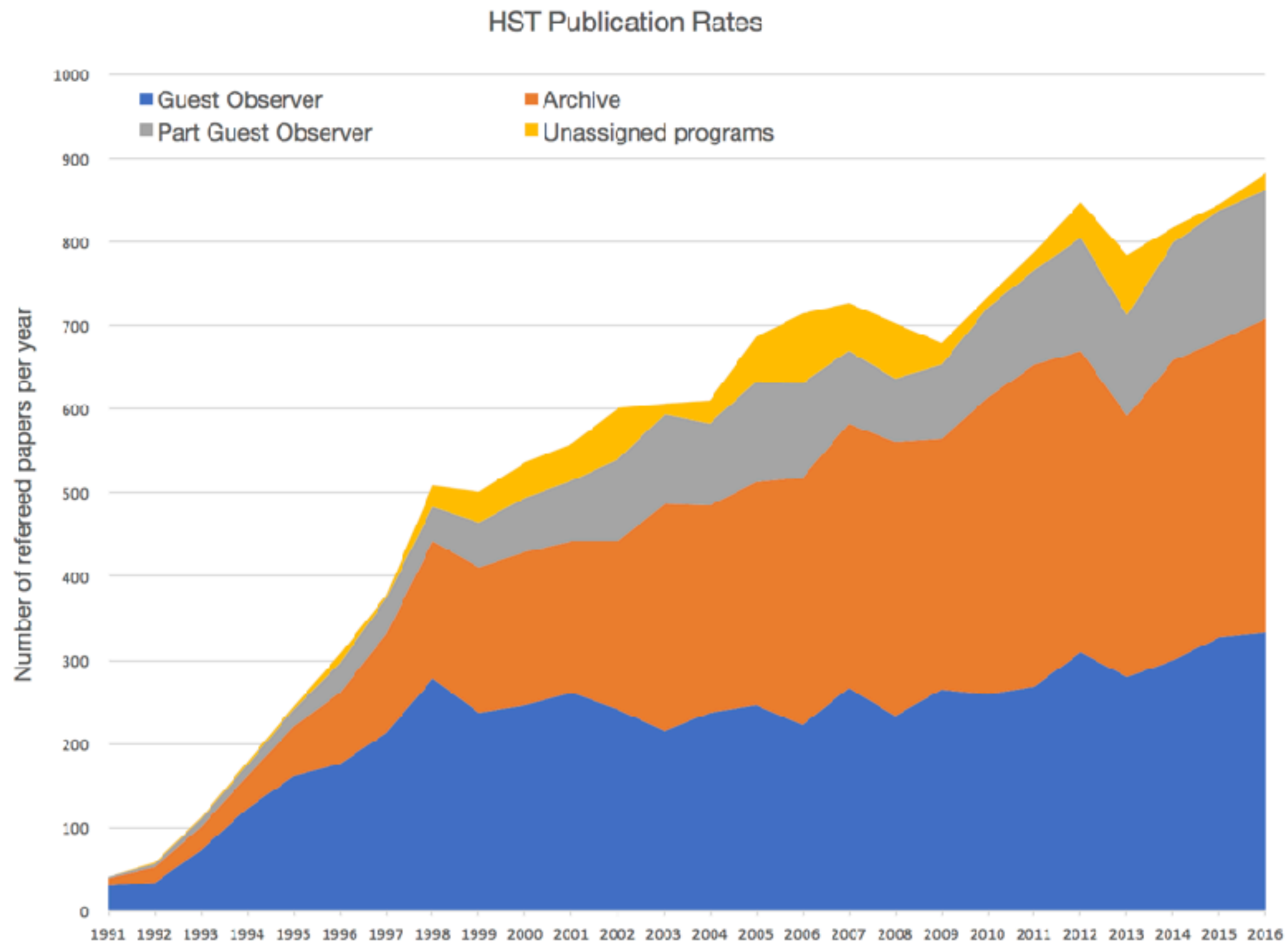
Archive, Services, Software



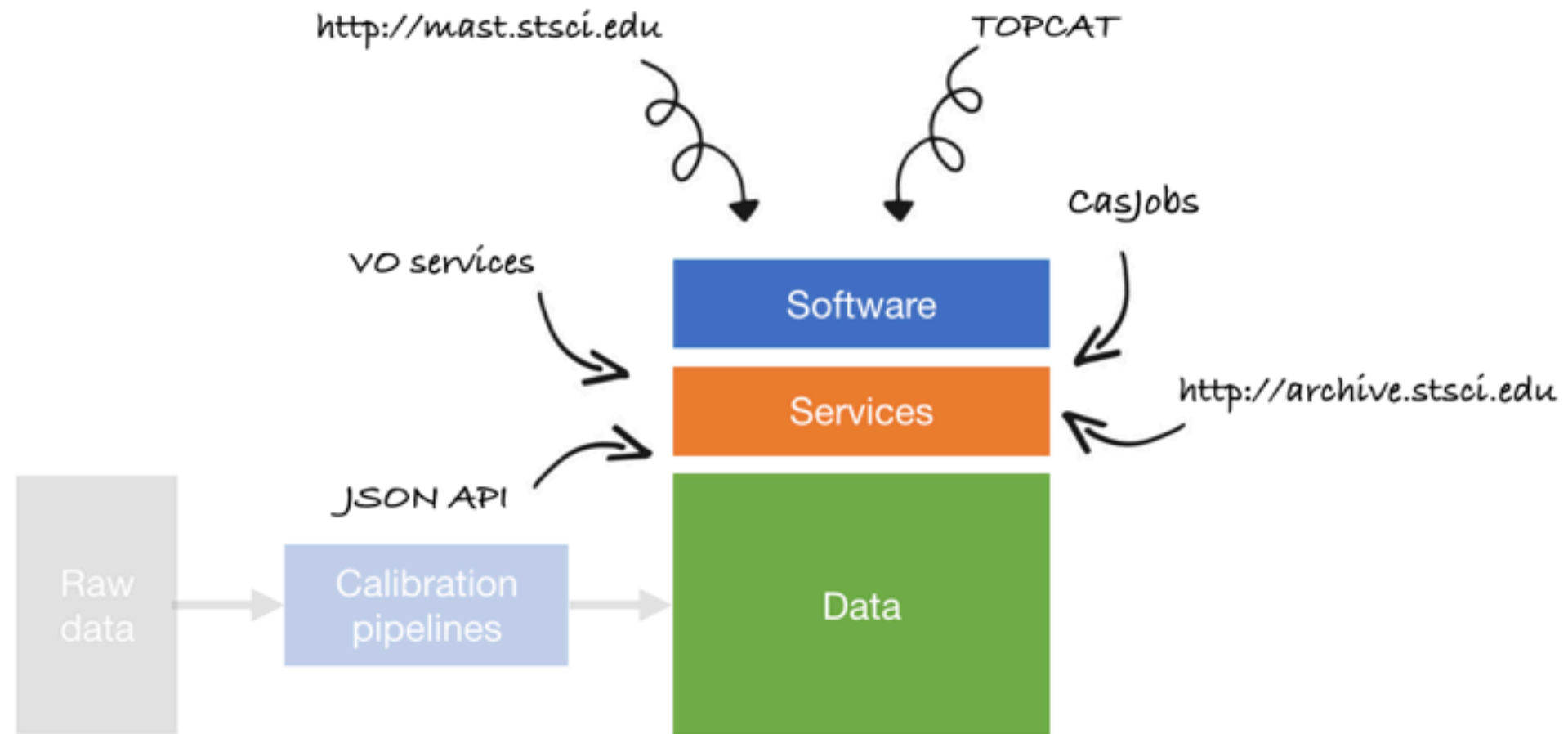
MAST: Multi-mission archive



It works!



Archive, Services, Software



Status quo (until relatively recently)

`http://mast.stsci.edu`

`http://archive.stsci.edu`

`VO services`

`JSON API`

`casjobs`

`TOPCAT`



Traditionally thought of as
science centers activities



Looking to the future.

Data-intensive missions



LSST



WFIRST

Hybrid missions

- **Physics experiments, ‘planned’ science (e.g. surveys)**
- **‘Guest observer’ mode (WFIRST)**
- **Vast data-rich archives**
- **Core set of services provided by science centers (data, storage, compute)**
- **Co-created software (both pipelines and data analysis tools)**
- **Centralization of projects means more contributed data products/re-analyses**



Community contributions at all levels

Community
software (e.g. Astropy)



Community
Alert brokers/agents



'L3' data products



Software

Services

Data

Community software +
L3/L4/L5 pipelines



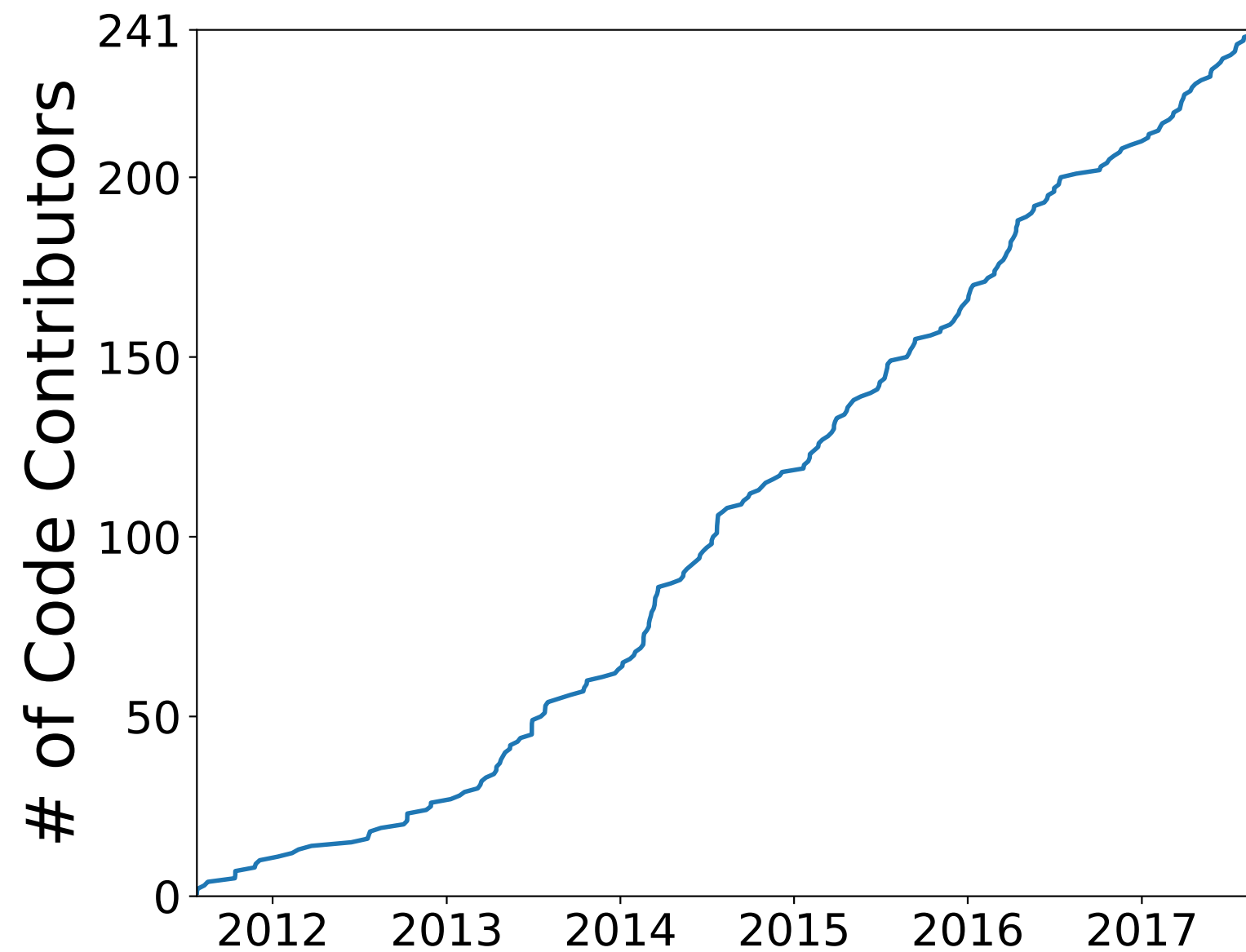
Community-built
Services



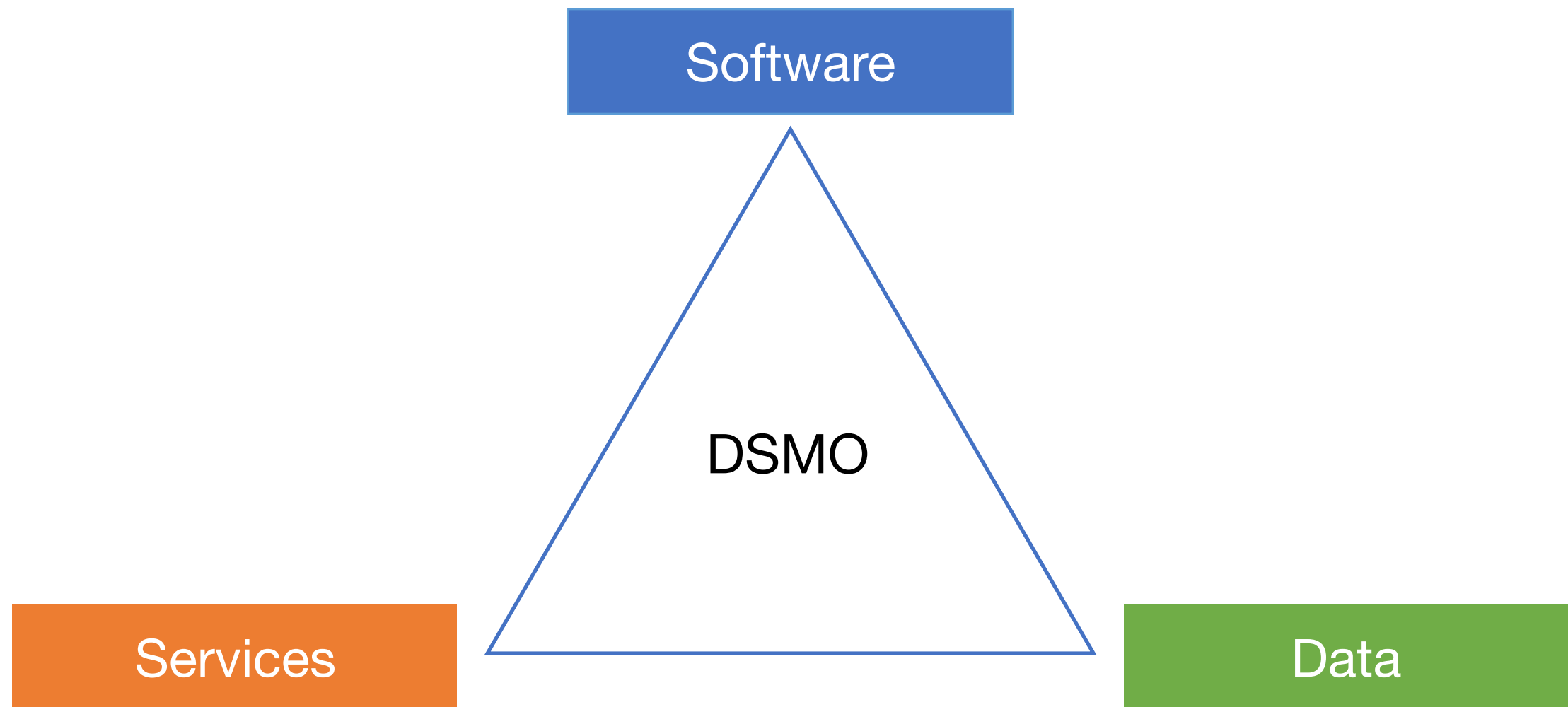
L3/L4/L5 data products
(HLSPs)



One example



Science center as a facilitator of these activities



“Design for community contributions at all stages”

Open source is critical for delivering on our mission to support the scientific community.

Recommendations

3

Business-friendly licenses are important.

MIT, BSD, Apache 2

(PUBLIC DOMAIN IS *NOT* CONSIDERED OPEN SOURCE)

GPL-compatibility is important too.

(THIS RULES OUT THE NASA OPEN SOURCE LICENSE)

**Standard NASA contracts are overly-restrictive
(typically reserve all IP)**

Boiler-plate language for contracts that would support the ability for any party to acquire copyright and release software developed under the contract

EXCLUDING ITAR AND EAR ETC.


**Process described at code.nasa.gov is
complex (and slow)**

(AND THEN YOU END UP WITH THE NOSA LICENSE)




nasa/kepler-pipeline: Kepler Sci x

GitHub, Inc. [US] | https://github.com/nasa/kepler-pipeline

Artion

 This repository Search

Pull requestsIssuesMarketplaceExplore

nasa / kepler-pipeline

Watch 14

Star 50

Fork 10

Code

Issues 0

Pull requests 0

Projects 0

Wiki

Insights

Kepler Science Data Processing Pipeline

10 commits

1 branch

0 releases

2 contributors

Branch: master


New pull request

Create new file

Upload files

Find file

Clone or download

 wohler Fix rendering of Figure 2

Latest commit 8b6ba08 on 2 Aug

parameters

Initial commit of Kepler Science Data Processing Pipeline source code...

4 months ago

source-code

Initial commit of Kepler Science Data Processing Pipeline source code...

4 months ago

MATHWORKS-LIMITED-LICENSE...

Initial commit of Kepler Science Data Processing Pipeline source code...

4 months ago

NASA-OPEN-SOURCE-AGREEME...

Initial commit of Kepler Science Data Processing Pipeline source code...

4 months ago

README.md

Remove bullets from contact info

4 months ago

kscrm.pdf

Fix rendering of Figure 2

4 months ago

README.md

Kepler Science Data Processing Pipeline

The Kepler telescope launched into orbit in March 2009, initiating NASA's first mission to discover Earth-size planets

Great Observatories have been an exemplar for open data. Let's make open source software a defining feature of NASA science too.

Thanks!

Arfon Smith (arfon@stsci.edu)

STScI | SPACE TELESCOPE
SCIENCE INSTITUTE



Creative Commons Attribution 4.0 International License.