



**KNIGHT  
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# **OPENNEWS: INSIGHTS FROM BUILDING A COMMUNITY OF NEWSROOM TECHNOLOGISTS**

**Summary Findings Report**

February 2017



**NETWORK  
IMPACT**





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# **OVERVIEW AND SUMMARY**

## BACKGROUND

Representing two investments totaling \$6.6 million of support, the Knight-Mozilla OpenNews program launched in 2011 with a fellowship designed to accelerate media innovation by embedding technologists in news organizations for 10 months. Fellows were assigned to learn about the newsroom environment, develop technology tools to support journalism and train journalists in technology. The OpenNews team, in turn, sought to mentor fellows with a focus on collaboration among the cohort, as well as with others in the emergent journalism technology field.

By 2013, Knight's investment in the program had expanded to include broader activities designed to support a wider network focused on technology and journalism, including events and shared digital platforms. These activities were organized around three goals:

- 1. Strengthening practitioner networks*
- 2. Building open technology*
- 3. Sharing best practice with the field*

Overall, the OpenNews program sought to strengthen the journalism technology talent pipeline by getting more technologists interested in journalism (and vice versa) and by supporting innovation to directly advance journalism.

## EVALUATION APPROACH

Knight commissioned an evaluation intended to assess both achievements and lessons to date and provide a framework for measuring network-related activities going forward. Key areas of inquiry included:

**Fellowship outcomes:**

*What were the results and trajectories of the fellows?*

**Newsroom impact:**

*What impact did fellows have on their respective newsrooms?*

**Network effect:**

*Do participants evolve as leaders in the journalism tech community? And what programming and environments support a community of technologists committed to journalism and open technologies?*

Knight Foundation partnered with Network Impact to conduct the OpenNews evaluation. The firm took a mixed methodological approach, including an analysis of participation data, online surveys to OpenNews participants (fellows, non-fellows, the broader journalism/technology community), individual interviews with select fellows and newsroom host partners, and a social network analysis (SNA) or technologists' connections with network mapping.

The evaluation was conducted from January to September 2016. Additional details on methodology and supporting documentation can be found in the Appendix.

## OPENNEWS ACTIVITIES

OpenNews included a range of activities that contributed to the overarching program goals:

**Fellowships:**

*Places creative technologists with newsroom tech teams for 10 months to work on open source code, explore tough problems facing journalism and support reporting that strengthens the web.*

**Source:**

*OpenNews online hub. The website contains articles that dive deep into code the network is making, and offers case studies and guides for learning.*

**Community calls:**

*Regular, open conference calls for anyone in or near the journalism technology world who wants to announce new projects, events, grants and job openings, or solicit contributors.*

**Sponsored events:**

*Financial support and planning help to assist local organizers set up events where journalists and developers work with data.*

**Code convenings:**

*Small, focused gatherings in which two-person teams from several newsrooms assemble, each with an open source project that needs final development and documentation to be ready for release.*

**MozFest:**

*Multiday, annual celebration of the open internet for technologists, makers, educators and creators in all fields. OpenNews coordinates a journalism track.*

**SRCCON:**

*OpenNews Source Conference is a hands-on conference focused on the practical challenges that news technology and data teams*

*encounter every day. The number of attendees is generally capped at about 300.*



## **KEY FINDINGS: FELLOWSHIP**

The evaluation of the fellowship's five-year trajectory showed:

**Individual goals met:**

*Fellows mostly achieved their individual goals for the fellowship but, as a cohort, fell short in their perceptions of how much change they were able to activate within their host newsrooms.*

**Added interest in journalism:**

*A goal of the OpenNews fellowship was to strengthen the technologist talent pipeline to journalism, and the fellows' affiliation with journalism did indeed increase post-fellowship, albeit on a small scale.*

**Active community engagement:**

*The cohort of 33 fellows stayed actively engaged up to two years after the fellowship and displayed*

*leadership capabilities by developing widely used code, spearheading projects, offering peer support to others in the field, and broadening the pipeline of candidates for the fellowship itself.*

**Some execution challenges in newsrooms:**

*Placing fellows in newsrooms effectively remained a hands-on, customized process with outcomes that could not be entirely predicted. In some cases, newsrooms struggled to maximize fellow talent—citing challenges such as detachment from the broader newsroom and adequate supervision as barriers.*



## **KEY FINDINGS: BUILDING A JOURNALISM TECHNOLOGY NETWORK**

A detailed look at the network component of OpenNews:

**Strong, organic network growth:**

*Since 2012, OpenNews built (and grew) a significant network of more than 1,100 journalism technologists who have substantively participated in OpenNews-related activities.*

*This includes a diverse set of developers, software engineers, data scientists and visualization/graphic designers.*

**A network perceived as high value:**

*Participating in the network brings value to its members. Analyses of survey data showed activities helped people learn new skills or network with other people to access resources.*

**The promotion of positive values:**

*The values of OpenNews are strongly infused into its programmed activities, and its emphasis on diversity and inclusion has resonated with its members and manifested beyond OpenNews activities.*

## IMPLICATIONS

Even within the relatively short span of the past three to four years, the newsroom environment has shifted substantially with respect to the use and prominence of technologists. Consequently, recognizing that shift and defining the outcomes that Knight and others seek to achieve with support of the growing OpenNews network will be critical to charting future work.

The interview and survey data revealed that the fellowship has produced value for individual fellows and newsrooms but does not scale broadly to transform newsroom culture and practice with respect to technology.

The fellowship, however, has helped to develop leaders and stronger connections within the OpenNews network. Fellows were active in contributing time and talent to the broader growing field of journalism technologists even after their fellowship concluded.

There is a clear opportunity to strengthen this network effect going forward. While some elements of the effort have worked better than others, it has clearly made important strides in growing and solidifying the journalism technology community.

# **OPENNEWS FELLOWSHIP**

## **OPENNEWS FELLOWSHIP OUTCOMES**

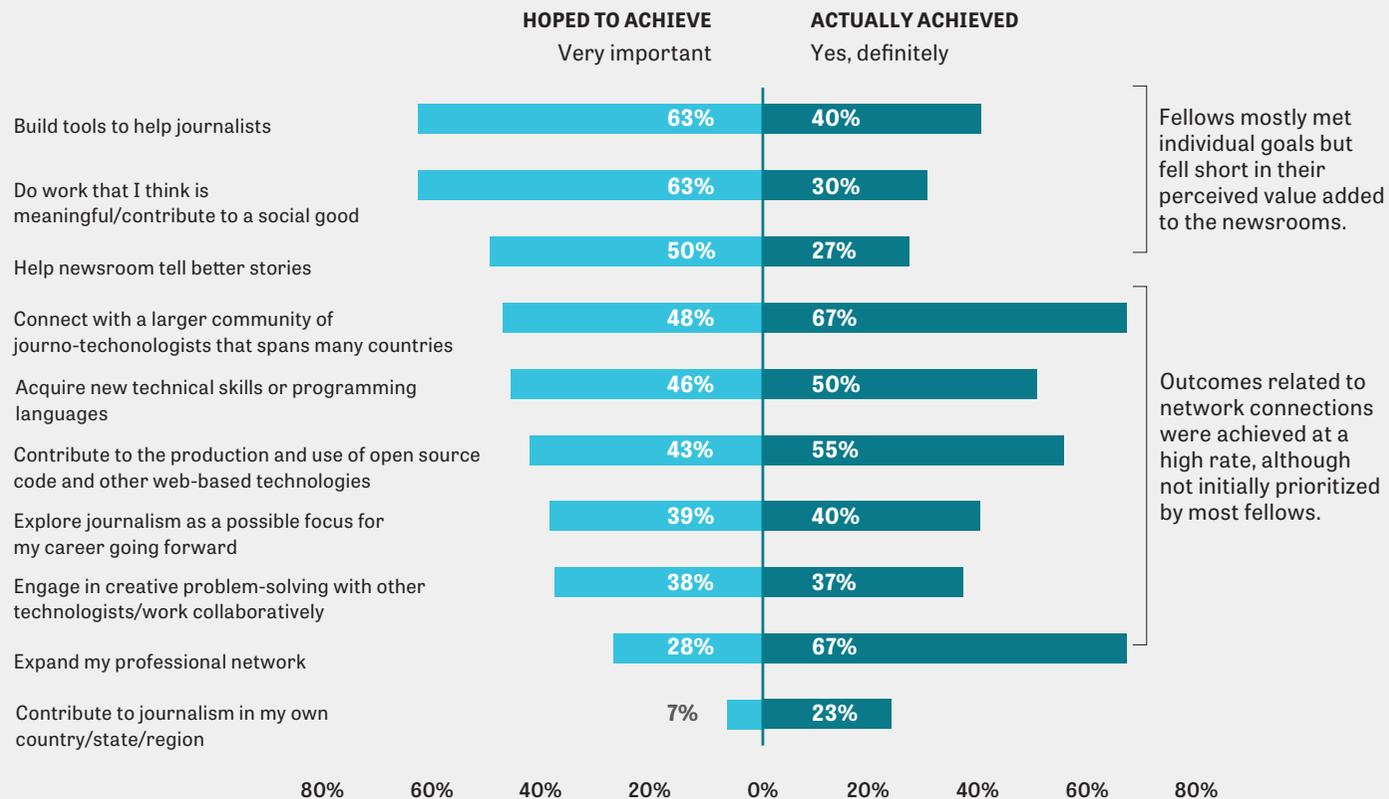
Fellows mostly achieved their individual goals for the fellowship in areas such as acquiring new skills, contributing to the production of open source tools and engaging in creative problem-solving with other journalist technologists.

However, the fellows fell short in their perceptions of how much they assisted their participating newsrooms (building tools to help journalists, helping newsrooms to tell better stories) (*see Figure 1*).

Outcomes related to network connections (expanding their professional network, and connecting to a larger journalism-tech community) were achieved at a high rate, although not prioritized initially by most fellows.

## INDIVIDUAL PERCEPTIONS OF FELLOWSHIP OUTCOMES

Figure 1. Outcomes Cited by Fellows (n=33)



## **STRONGER POST-FELLOWSHIP CONNECTION TO JOURNALISM**

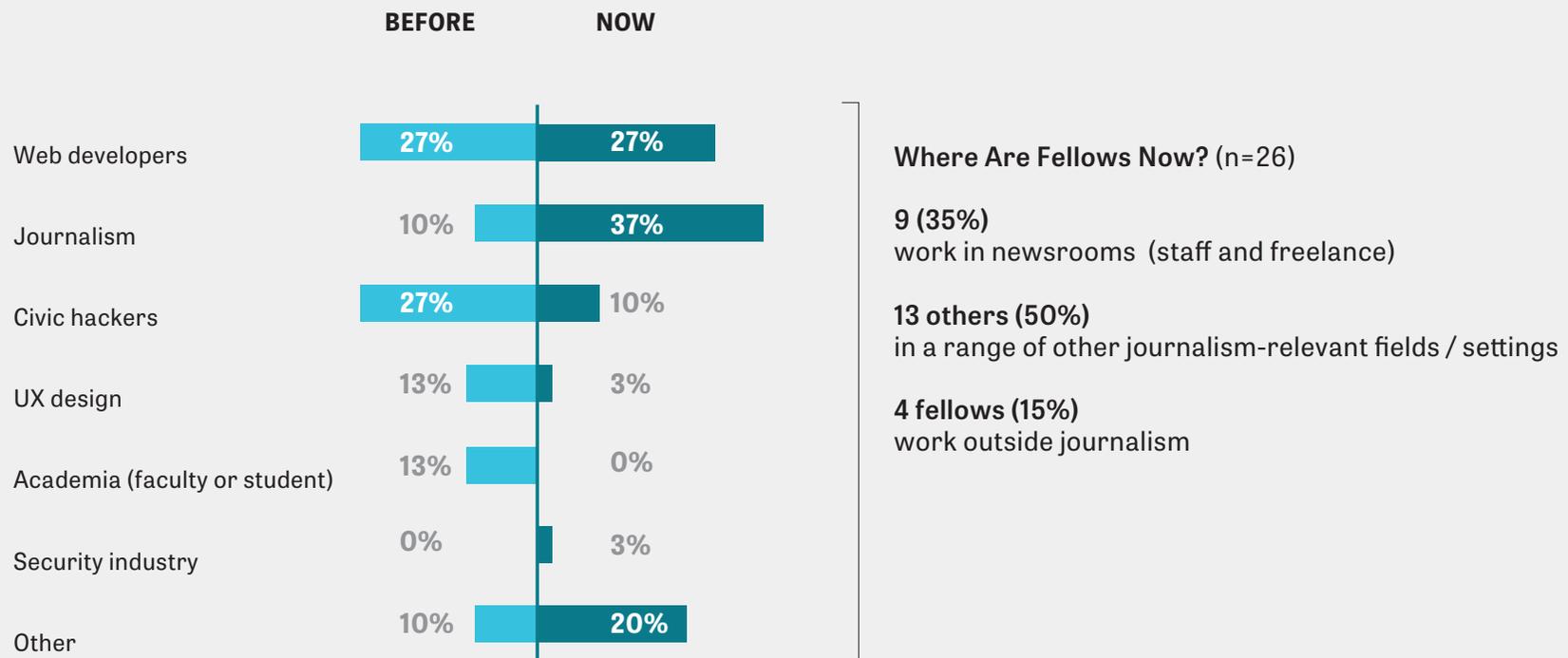
Fellows' affiliation with journalism increased after the fellowship. Thirty-five percent are working in newsrooms, with an additional 50 percent working in a range of journalism-related fields, including media research / academic institutions such as Columbia University's Tow Center for Digital Journalism and MIT Media Lab, or startups and nonprofits that intersect with journalism, such as the Internet Archive (*see Figure 2*).

Interviews also highlighted that many fellows prefer more innovative work environments post-fellowship and therefore tend to work in leading newsrooms, entrepreneurial projects related to journalism, or digitally native organizations.

This preference may have implications for small and mid-size legacy news organizations, which may not be as attractive an option for this talent but which arguably have greater need of this type of technology support.

## POST-FELLOWSHIP SELF-IDENTIFICATION AND TRAJECTORY

Figure 2. Professional Community or Community of Practice Fellows Most Closely Identified With (n=30)



**Note:** Full list of fellows' current organization affiliations in Appendix.

## FELLOWS TAKING ON LEADERSHIP ROLES

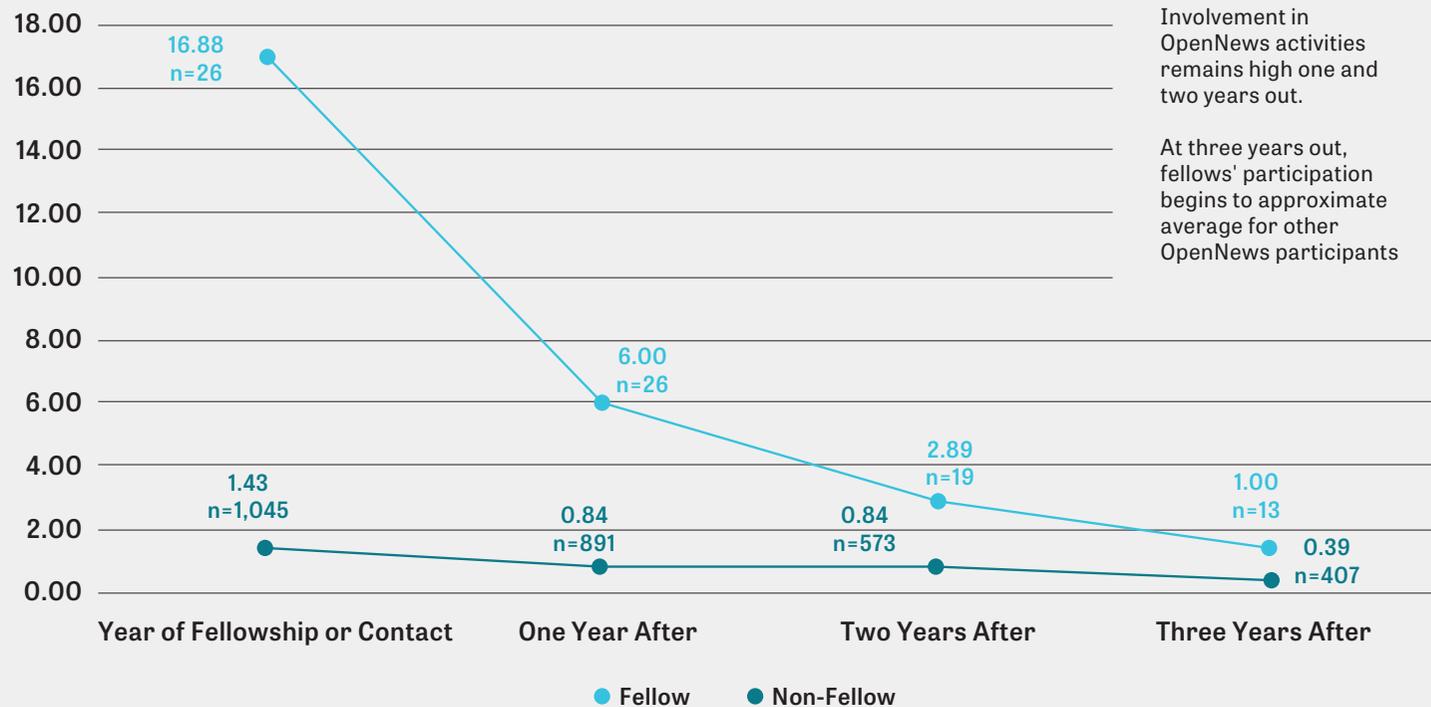
By and large, the 33 fellows are taking on leadership roles throughout the journalism technology community.

Fellows are developing code, spearheading projects that assist other technologists and newsrooms, offering peer support to others in the field and broadening the pipeline of candidates for the fellowship.

A comparison of activity levels of fellows and non-fellows in OpenNews programming reveals that fellows stay highly engaged for up to two years after the fellowship (*see Figure 3*).

## FELLOWS STAY CONNECTED TO THE OPENNEWS COMMUNITY

Figure 3. Average Number of Activities per Year



**Note:** Based on analysis of participation data received from OpenNews; n=1,128 total formal participants in OpenNews. Total participants for each year is listed within the graph.

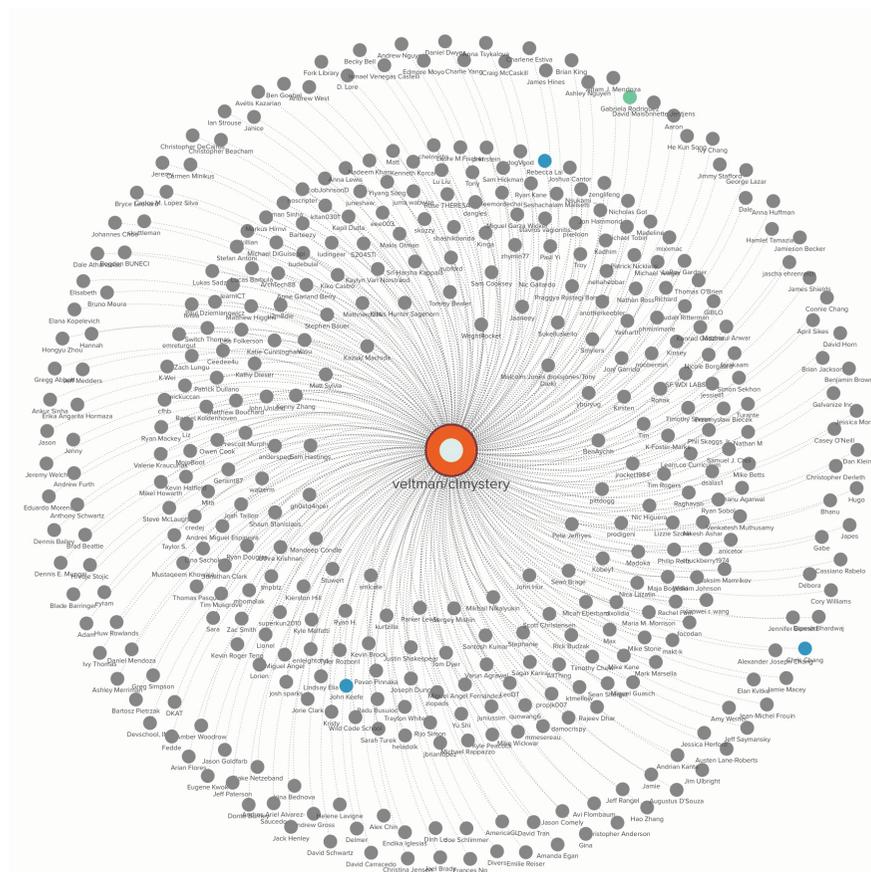
## FELLOWS' WORK HAS WIDE IMPACT

Fellows built tools that were shared with the wider journalism technology community. An analysis of OpenNews-related projects posted in an open source software repository (GitHub) revealed tools that were highly accessed (and iterated upon) by small newsrooms and journalists.

This illustrates the level of collaboration among OpenNews participants on projects and the reach or ripple effect of OpenNews-supported projects used by others.

For instance, fellow Noah Veltman's Command Line Mystery (mapped at right) is a project that helps teach command line coding to journalists. CLMystery has been accessed about 400 times over the past three years.

**Mapping Fellows' Tool Reach: Command Line Mystery**



**Note:** Link to maps of [GitHub repo data](#) for OpenNews fellows and code convening projects.



## **FELLOWS HELPED NEWSROOMS STAY CONNECTED TO AND ABREAST OF TECHNOLOGY DEVELOPMENTS**

The review found that fellows played a strong role in improving the strength of the journalism technology network. Partner newsrooms reported a closer connection to other journalism tech professionals outside their newsroom because fellows helped expose them to outside journalism tech resources.

Because of their exposure to multiple people and settings in the journalism tech community, fellows are well positioned to serve as “scouts” to collect information that can lead to solutions in assigned newsrooms. Most host staff technologists noted not having the time to explore the larger journalism technology environment in this way.

An analysis of how fellows were connected to each other, and a broader community of those interested in journalism and technology, shows that OpenNews fellows were uniquely adept at making connections across different subgroups and facilitating access to information (*for more detail, see Appendix*).

## **NEWSROOM READINESS TO HOST FELLOWS INCONSISTENT**

Newsrooms sometimes lacked the readiness necessary to maximize the use of fellows' skills within the newsrooms, with fellows citing stumbling blocks such as detachment from the broader newsroom and adequate supervision.

When fellows were asked about the conditions inside the newsroom that made it difficult to meet their goals, the top adverse conditions cited included a misunderstanding of a fellow's role and the lack of adaptability of the host's workflow or "way of doing things."

These barriers to using technology as a core journalistic practice were also confirmed by the wider survey of technologists outside of the OpenNews network. Among the leading challenges noted by technologists regarding newsroom technology use were that the "Team is not growing fast enough to keep up with demand" (59 percent of all respondents)

and that newsrooms "Don't have enough editors who are qualified to supervise the work of technologists" (48 percent of all respondents).



## CONDITIONS FOR FELLOWSHIP SUCCESS DIFFICULT TO MEET

Despite making changes that improved matches over time and an extensive onboarding process, a successful match between fellows and newsrooms proved to be an ongoing challenge of the fellowship.

In sum, the fellowship pairing continued to be a customized, hands-on practice with results that were not entirely predictable.

Key conditions for fellowship success outlined below are difficult to meet in every newsroom, even with program adjustments to the partner onboarding process. They include:

***Partner** point of contact is well positioned to facilitate and promote the work of the fellow within the newsroom.*

***Partner** strikes the right balance between openness and exploration and strategic deployment of the fellow's talents on valued projects.*

***Fellow's** contributions are absorbed and leveraged because they fit with a commitment to or an existing trajectory of change with the partner organizations.*

# **OPENNEWS NETWORK**



## **PARTICIPATION IN THE OPENNEWS NETWORK PERCEIVED AS HIGHLY VALUABLE**

OpenNews participation since 2012 has increased to a network of more than 1,100 journalism technologists who have substantively participated in OpenNews-related activities.

As survey and participation data show, higher participation levels in OpenNews activities help drive people's knowledge gains in their field (what they know), and affect the extent to which they support and use open web technologies (how they do their work). (See *Figure 4*).

This analysis was also able to surface the time frame that an average OpenNews participant would benefit from being involved in the network. Data suggest that, on average, gains across a variety of outcomes such as new skill acquisition and tapping networking contacts are realized mainly in the first three years of participation before tapering off.

## NETWORK PARTICIPATION DRIVES OUTCOMES

Figure 4. Participation and Activity Levels Correlated to Outcomes

|   | <i>Higher Participation<br/>Correlates With</i> | <i>Diversity of Participation<br/>Correlates With</i> |
|---|---|---|
| <b>What you know</b>  |   |   |
| <i>I know more about tools, code and approaches that are useful in journalism.</i>                  | ✓   | ✓   |
| <i>I have learned new skills and technologies for open sourcing projects.</i>                       | ✓   | ✓   |
| <i>I have more of the skills I need to be a leader in my profession or community of practice.</i>   | ✓   |   |
| <b>What you do</b>  |   |   |
| <i>I document and share my work more.</i>   | ✓   | ✓   |
| <b>How you work</b>   |   |   |
| <i>I advocate more for the development and use of open web technologies.</i>                        | ✓   |   |
| <b>Who you connect with</b>   |   |   |
| <i>I have developed or strengthened connections to other journalism technologists.</i>              | ✓   |   |
| <i>I have more access to key influencers and leaders in my profession or community of practice.</i> | ✓   |   |

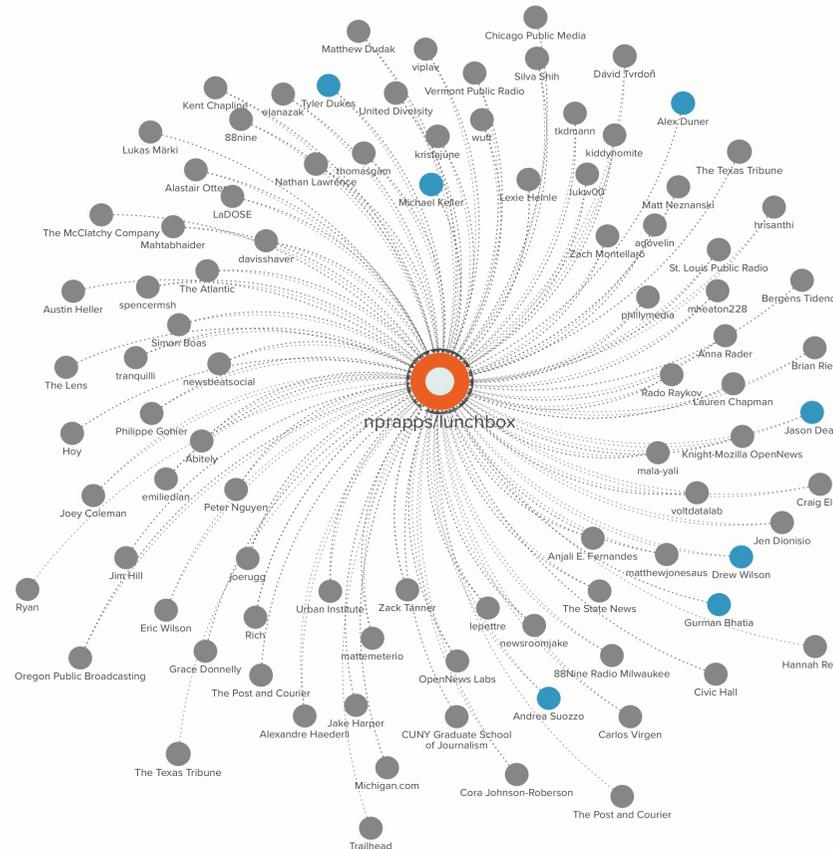
## SMALLER CONVENINGS WITH NON-FELLOWS GENERATE VALUABLE TOOLS

OpenNews also supported smaller code convenings to make progress on promising journalism tools that could benefit a broader array of newsrooms. Analysis and mapping of these types of projects revealed examples such as Lunchbox, software that provides image tools for social media sharing. It was accessed by numerous small newsrooms after an OpenNews code convening provided the opportunity to complete documentation.

**Sample of repository handles that accessed and used Lunchbox:**

- The Charleston Post & Courier*
- St. Louis Public Radio*
- Michigan.com*
- The State News*
- PhillyMedia*
- Oregon Public Broadcasting*
- Vermont Public Radio*
- 88Nine Radio Milwaukee*

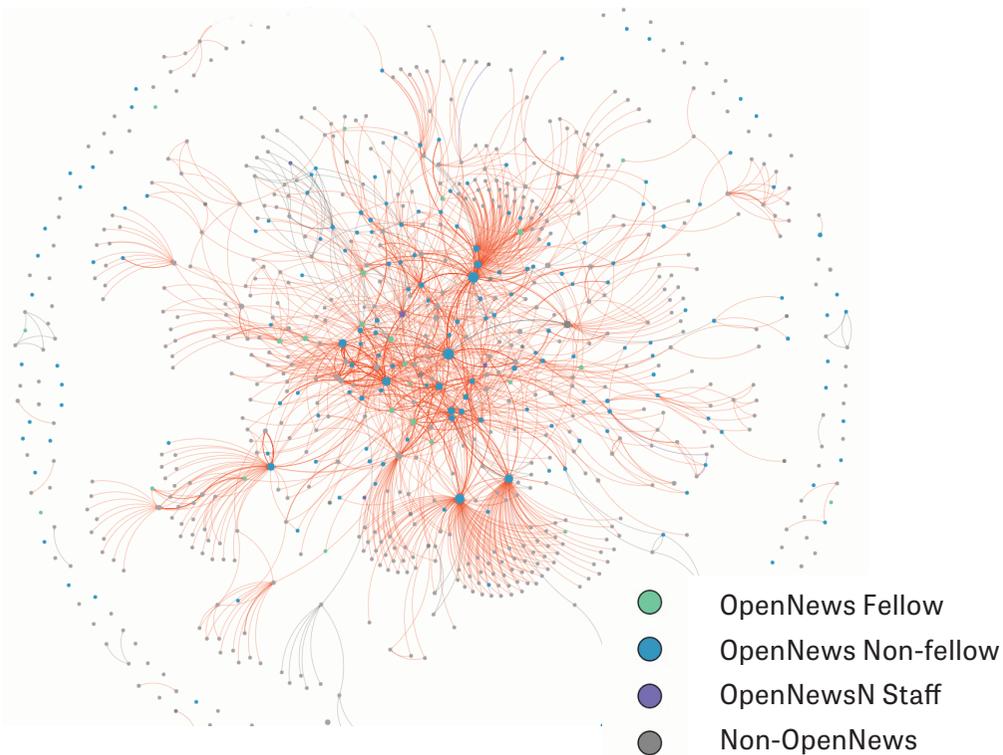
**Mapping Network Member Tool Reach: Lunchbox**



## PUBLIC DISCUSSIONS EXTEND REACH AND ENGAGEMENT

Conversations on issues and content being developed at OpenNews activities involve a wider group of the journalism technology community. The map at right visualizes Twitter exchanges that used OpenNews-related hashtags over a two-week period. It includes 882 Twitter accounts, 740 unique individuals and 142 organizational handles.

The analysis showed that the majority of the exchanges include many non-OpenNews network member accounts. Only 25 percent of those sampled in this map already actively participate in formal OpenNews activities, meaning the network effect ripples out beyond active participants.



**Note:** Time frame: July 21-Aug. 8, 2016, which included any of the following: @Source, @OpenNews, #SRCCON, #OpenNews



## **THE OPENNEWS NETWORK PROMOTES KEY VALUES**

The OpenNews emphasis on diversity and inclusion has resonated beyond OpenNews activities. Survey responses of the OpenNews participants cited diversity and inclusion as the top response for “needs within the journalism tech community.” Eighty-eight percent of OpenNews participants report advocating more for gender balance and diversity in the tech community as a result of participation in the OpenNews network.

They have also taken key actions. Some have developed tactical solutions, such as starting a journalist of color Slack community inspired by the ethos of OpenNews activities.

*I recently started a journalists-of-color Slack community that's very much inspired by community building I've witnessed at OpenNews.”*

*“OpenNews showed me what leadership looks like, how communities could and should be structured. ... showing me for the first time in my career what diversity looks like from the inside.”*

*“My experiences with OpenNews directly influence my priorities for including diverse voices and respecting people.”*

*-Survey of OpenNews participants (non-fellows)*



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# APPENDIX



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## **METHODOLOGY**

The evaluation drew on the following sources:

*Interviews with Knight Foundation and Mozilla leadership and program staff.*

*An analysis of data supplied by Mozilla that documents engagement over time by OpenNews fellows and non-fellows in OpenNews environments.*

*Interviews with select fellows (n=10) and news partner contacts (n=14), OpenNews participants and community members.*

*Online survey to all OpenNews fellows (n=33), OpenNews participants and broader journalism technology community.*

*Linked participation data sets and survey responses describing outcomes to identify correlations that point to OpenNews experiences that are most likely to yield positive results for participants.*

*Network mapping and social network analysis of survey data describing top connections and a sample of Twitter conversations visualizing connections and discussions taking place in the journalism tech community.*

*Network mapping and analysis of OpenNews open source projects on GitHub data.*



## **DATA SOURCES AND SUPPORTING DOCUMENTATION**

| <i>Data Sources</i>  | <i>Supporting Documentation</i>  |
|--|--|
| <i>OpenNews participation data provided by OpenNews team</i>   | <i>Participation Data Analysis report</i>  |
| <p><b>Survey of fellows, OpenNews participants and broader journalism technology community</b></p> <p><i>514 responses in total<br/>30 of 33 fellows (91% response rate)<br/>220 OpenNews participants (20% response rate based on total number of formal participants*)<br/>264 people in the journalism technology community who have not participated in OpenNews</i></p> | <p><i>Survey Results report</i></p> <p><b>Social network analysis maps created from survey responses</b></p>           |
| <i>Interviews with OpenNews staff, fellows, partners, OpenNews participants/network members</i>  | <i>Partner Perspectives memo (dated Aug. 16, 2016)<br/>(Interview findings also included in Survey Results report)</i> |
| <i>OpenNews supported open source projects' GitHub data</i>  | <i>GitHub network maps</i>   |
| <i>Sample of Twitter exchanges related to OpenNews</i>   | <i>Twitter conversation maps</i>   |

**Note:** OpenNews team provided data on participation in program activities for 2012-February 2016.

## OPENNEWS FELLOWS' ROLE AS CONNECTORS

This network map with accompanying Social Network Analysis metrics identifies network bridge spanners in the journalism technology community.

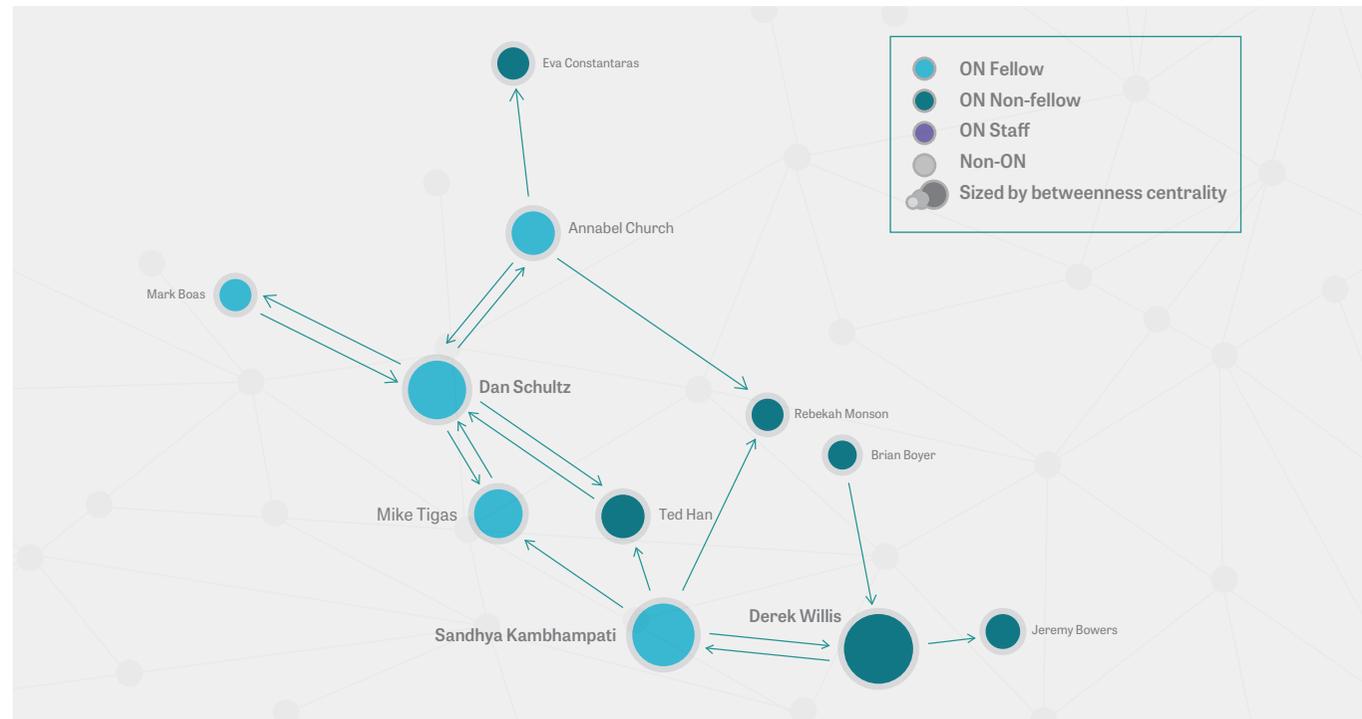
**Bridge spanners** in a network context are people who are well positioned to make connections across boundaries because they have ties to diverse network environments.

**Why this is important:**

It's in the nature of networks for subgroups or clusters to form.\* Bridge spanners are essential to a healthy network because they channel information across boundaries. Bridge spanners can also serve as network weavers, connecting network actors who do not know one another or who are otherwise isolated from each other.\*\*

Sample taken from interactive maps visualizing connections in the journalism technology community, including ties between fellows.

**Fellows make up a large share of "bridge spanners"**



**Note:** Time frame: July 21-Aug. 8, 2016, which included any of the following: @Source, @OpenNews, #SRCCON, #OpenNews

## FELLOWSHIP NEWS PARTNERS

### News Partners

***Al Jazeera*** (2012)  
***BBC*** (2012, 2013)  
***The Boston Globe*** (2012, 2013)  
***Correctiv*** (2016)  
***Internews Kenya / Ushahidi*** (2014)  
***La Nacion*** (2013, 2014, 2015)  
***Los Angeles Times*** (2016)

***The New York Times*** (2013, 2014)  
***NPR*** (2015, 2016)  
***PBS "Frontline"*** (2016)  
***ProPublica*** (2013, 2014)  
***Reveal/The Center for Investigative Reporting*** (2015)  
***Spiegel Online*** (2013)

***The Texas Tribune*** (2014)  
***The Coral Project*** (2015, 2016)  
***The Guardian*** (2012, 2013, 2015)  
***The Washington Post*** (2014)  
***Vox Media*** (2015, 2016)  
***Zeit Online*** (2012, 2013)

## FELLOWS: WHERE ARE THEY NOW?\*

| <b>Fellowship Year</b> | <b>Name</b>          | <b>Job/Title Before Fellowship</b> | <b>Organization Before Fellowship</b> | <b>Fellowship Site</b> | <b>Job/Title After Fellowship</b> | <b>Employer After Fellowship</b>                       |
|------------------------|----------------------|------------------------------------|---------------------------------------|------------------------|-----------------------------------|--|
| 2012                   | Mark Boas            | developer                          | HappyWorm                             | Al Jazeera English     | CTO                               | Trint Ltd.   |
| 2012                   | Cole Gillespie       | software engineer                  | Project Mastermind                    | Zeit Online            | Product engineer                  | Tanium   |
| 2012                   | Laurian Gridinoc     | creative software developer        | Tails Education Ltd.                  | BBC                    | Full-stack web developer          | Trint Ltd.   |
| 2012                   | Nicola Hughes        | data journalism advocate           | ScraperWiki Ltd.                      | The Guardian           | Developer                         | ThoughtWorks   |
| 2012                   | Dan Schultz          | graduate student                   | MIT Lab                               | The Boston Globe       | Senior Software engineer          | Internet Archive                                       |
| 2013                   | Brian Abelson        | data scientist                     | Harmony Institute                     | The New York Times     | Data scientist                    | Tow Center for Digital Journalism, Columbia University |
| 2013                   | Manuel Aristarán     | software engineer                  | Satellogic                            | La Nacion              | Graduate student                  | MIT Media Lab  |
| 2013                   | Annabel Church       | web developer                      | The Guardian                          | Zeit Online            | Consultant/developer              | Freelance  |
| 2013                   | Stiin Debrouwere     | co-founder                         | Apache.be                             | The Guardian           | Consultant/developer              | Freelance (most recently Fusion)                       |
| 2013                   | Friedrich Lindenberg | developer                          | Open Knowledge Foundation             | Spiegel Online         | Consultant/developer              | Organized Crime and Corruption Reporting Project       |
| 2013                   | Sonya Song           | media and information studies      | Michigan State University             | The Boston Globe       | Data scientist                    | Cartbeat   |
| 2013                   | Mike Tigas           | web developer                      | Silicom Valley startups               | ProPublica             | News applications developer       | ProPublica   |
| 2013                   | Noah Veltman         | UI designer/project manager        | Spokesman-Review                      | BBC                    | Programmer                        | WYNC Data News Team                                    |

**Note:** Compiled from survey responses, applications, interviews, searches of LinkedIn, Twitter, personal websites

## FELLOWS: WHERE ARE THEY NOW? (CONT.)\*

| <b>Fellowship Year</b> | <b>Name</b>        | <b>Job/Title Before Fellowship</b>   | <b>Organization Before Fellowship</b> | <b>Fellowship Site</b>             | <b>Job/Title After Fellowship</b>                | <b>Employer After Fellowship</b>    |
|------------------------|--------------------|--|---------------------------------------|------------------------------------|--|-------------------------------------|
| 2014                   | Ben Chartoff       | research intern  | Sunlight Foundation                   | The Washington Post                | Data visualization developer                     | The Urban Institute                 |
| 2014                   | Harlo Holmes       | knight news fellow, mobile developer                                       | The Guardian Project                  | The New York Times                 | Director of Newsroom Digital Security            | Freedom of the Press Foundation     |
| 2014                   | Brian Jacobs       | mit senseable city lab, singapore-mit alliance for research and technology | Data Visualization Specialist         | ProPublica                         | Senior creative developer                        | National Geographic                 |
| 2014                   | Aurelia Moser      | information/data architect   | Control Group                         | Ushahide/<br>Interviews Kenya      | Project manager/<br>community lead and developer | Mozilla Foundation                  |
| 2014                   | Gabriela Rodriguez | co-founder   | DATA                                  | La Nacion                          | Software engineer                                | The Coral Project                   |
| 2014                   | Marcos Vanetta     | technical lead   | Three Pillar Global                   | The Texas Tribune                  | Software engineer                                | Continuum Analytics                 |
| 2015                   | Tara Adiseshan     | data visualizatin engineer   | Autodesk                              | The Coral Project                  | Freelancer                                       | UX design/data scientist freelancer |
| 2015                   | Juan Elosua        | data analysis and visualizatin developer                                   | Freelance                             | La Nacion                          | News application or<br>interactive developer     | NPR                                 |
| 2015                   | Livia Labate       | seniot director, digital standars and practices                            | Marriot International                 | NPR                                | Lead designer                                    | Careboot                            |
| 2015                   | Linda Sandvik      | director   | Owl Creative Limited                  | The Guardian                       | Developer/freelancer                             | Owl Creative Ltd.                   |
| 2015                   | Julia Smith        | web developer  | Oxide Design Co.                      | Center for Investigative Reporting | Design lead                                      | Institute for Nonprofit News        |
| 2015                   | Kavya Sukumar      | data and interactives editor   | The Palm Beach Post                   | Vox                                | Senior full-stack engineer                       | Vox Media                           |
| 2015                   | Francis Tseng      | interaction designer and web engineer                                      | IDEO                                  | The Coral Project                  | Software engineer                                | Freelancer                          |

**Note:** Compiled from survey responses, applications, interviews, searches of LinkedIn, Twitter, personal websites



## GITHUB PROJECTS

The following projects are from GitHub, an open source software repository:

### **Fellows' projects**

*arc64/cheat-sheets-for-journalists*  
*arc64/gu-top-story-time-machine*  
*arc64/zon-skeleton-js*  
*arc64/zon-skeleton-py*  
*auremoser/bkx-osm*  
*auremoser/hiv-30\_zoom*  
*auremoser/VitalSigns-water*  
*auremoser/fellowship*  
*auremoser/geonewsies*  
*auremoser/hiv-30\_cluster*  
*OpenNewsLabs/datasmells*  
*bchartoff/equalhalves*  
*bchartoff/githubchild*  
*bchartoff/jgit*  
*bchartoff/regexcalibur*  
*bchartoff/crimescrape*  
*bchartoff/ggShinyApp*  
*bchartoff/screenshooter*  
*bchartoff/trunhate*  
*washingtonpost/datawrapper*  
*WPmedia/iefallback*  
*csvsoundsystem/pytreasuryio*

*newslynx/newslynx-app*  
*csvsoundsystem/treasuryiojs*  
*csvsoundsystem/mockingjay*  
*briantjacobs/owhack*  
*OpenNewsLabs/nomo*  
*OpenNewsLabs/amo*  
*slifty/boston-globe*  
*slifty/newsjack*  
*slifty/newsquest*  
*slifty/newstack*  
*slifty/opened-captions*  
*slifty/quizzler*  
*slifty/truth-goggles*  
*OpenNewsLabs/elex-name-fixer*  
*frnsys/broca*  
*frnsys/hscluster*  
*frnsys/port*  
*pudo/dataset*  
*pudo/datastringer*  
*pudo/datawi.re*  
*Pudo-attic/opencontracts.eu*  
*crowdata/crowdata*  
*gabelula/csv*  
*gabelula/github-para-periodistas-presentacion*  
*harlo/j3mifier*  
*harlo/UnveillanceCore*

*harlo/UnveillanceDeploy*  
*jjelosua/ML\_audio\_classification*  
*jjelosua/presentations*  
*lanacioncom/elecciones\_2015\_arg\_ballo\_escuelas*  
*lanacioncom/2015\_CABA\_polling\_stations\_map*  
*lanacioncom/elecciones\_2015\_caba*  
*lanacioncom/2015\_PASO\_CABA\_polling\_stations\_map*  
*cirlabs/patternlab-reveal*  
*julia67/accessive*  
*julia67/animated-data-sonification*  
*julia67/midi-shootings*  
*vijithassar/memento*  
*voxmedia/autotune*  
*kavyasukumar/Animation-mozfest*  
*project-chitram/chitram-core*  
*project-chitram/chitram-app*  
*Laurian/Arrow*  
*Laurian/d3*  
*Laurian/NewsTuner*  
*mhemesath/r2d3*  
*drortoise/magic-map-button*  
*drortoise/newsgames*  
*livlab/ias-bingo*  
*nprapps/carebot/*



## GITHUB PROJECTS (CONT.)

*nprapps/lookatthis*  
*nprapps/lunchbox*  
*tabulapdf/tabula*  
*jazzido/tabula*  
*malev/emissions-database*  
*malev/gender-detector*  
*texastribune/emissions\_scrapper*  
*texastribune/hospital-importer*  
*texastribune/hospitals.texastribune.org*  
*texastribune/local-debt-project*  
*maboa/contextual-video*  
*maboa/hyperaudiopad*  
*maboa/uselect*  
*maboa/YouSlide*  
*hyperaudio-dev/dragdrop*  
*hyperaudio-dev/wordselect*  
*DataMinerUK/haiti-skel*  
*DataMinerUK/infinite-interns*  
*DataMinerUK/StreetViewFlipbook*  
*veltman/clmystery*  
*veltman/congressional-acronyms*  
*veltman/divvybikes*  
*veltman/emojify*  
*veltman/flipbookjs*  
*veltman/fourscore*  
*veltman/hhbaworkshop*

*veltman/judgmental*  
*veltman/learninglunches*  
*veltman/listogram*  
*veltman/mapstarter*  
*veltman/pancakejs*  
*veltman/split-multipart-features*  
*veltman/streets*  
*sandhya-k/elextools*  
*sonya2song/instacaption*  
*sonya2song/instaweather*  
*debrouwere/pollster*  
*pudo/datawi.re/blob/master/NOTES.md*  
*pudo/twindle*  
*stdbrouw/pollster*  
*taraadisheshan/bigdatabs*  
*taraadisheshan/handbook*

### **Code Convening Projects**

*hhsnopek/pouover*  
*NYTimes/tamper*  
*nprapps/pym.js*  
*veltman/fourscore*  
*california-civic-data-coalition/california-civic-data-coalition.github.io*  
*california-civic-data-coalition/django-calaccess-raw-data*

*california-civic-data-coalition/django-calaccess-campaign-browser*  
*california-civic-data-coalition/django-calaccess-lobbying-browser*  
*openelections/openelections-core*  
*ghing/tablesplitter*  
*MinnPost/election-night-api*  
*washingtonpost/whippersnapper*  
*veltman/wherewolf*  
*newsdev/driveshaft*  
*INN/Largo*  
*texastribune/donation-builder*  
*associatedpress/geomancer*  
*debrouwere/google-analytics*  
*debrouwere/facebook-insights*  
*debrouwere/social-shares*  
*flatsheet/flatsheet*  
*nprapps/quotable*  
*nprapps/waterbug*  
*nprapps/factlist*  
*voxmedia/autotune*  
*frnsys/broca*  
*nprapps/lunchbox*  
*julia67/data-viz-for-all*