

# Building sustainable civic tech with open data

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Jason Hibbets, Senior Community Architect [Opensource.com](#), Red Hat

# The evolution of civic tech



Image credits: <http://opensource.com/government/13/8/citizen-cio> (Opensource.com)

# Send in the brigade

Find a BrigadeResourcesEventsProject ShowcaseAbout Us

## The Brigade

The Code for America Brigade Network is a national alliance of community organizers, developers, and designers that are putting technology to work in service of our local communities. We believe that government can work, for the people, by the people, in the 21st century, if we all help.

★ No brigade near you? **Start a new brigade!**  
**Tell us about yourself and we'll help you get started.**

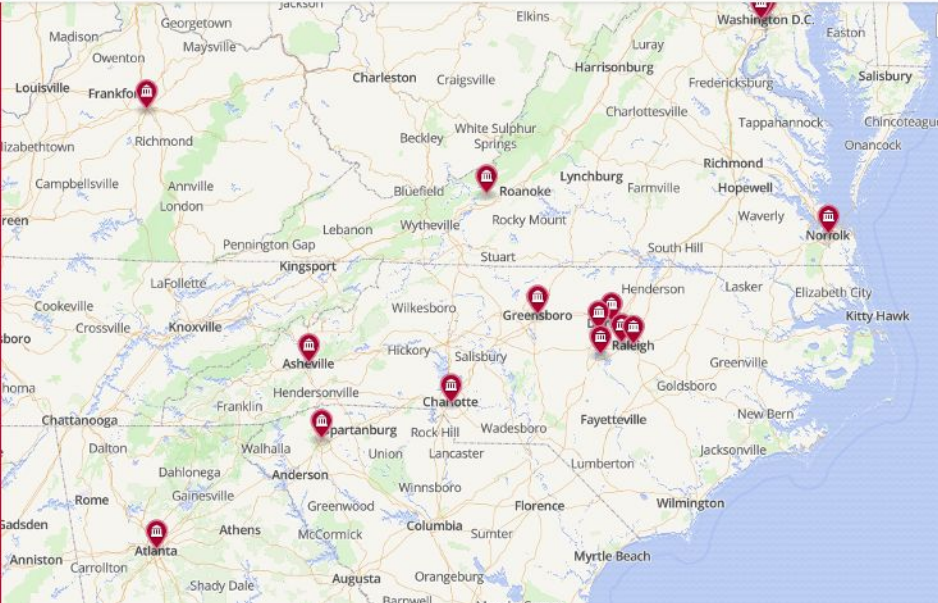


Image credits: [Code for America](#)

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# Quiz: Who likes to eat out at restaurants?



Image credits: <https://opensource.com/life/15/11/tasty-translations-the-open-source-way> (Opensource.com)

**This establishment does  
not comply with minimum  
sanitary standards  
GRADE**



**County of Riverside  
Department of Environmental Health**

**Penalty for Removal  
Property of the County of Riverside**

# Exploring sustainable civic tech



Image credits: <https://opensource.com/article/18/1/foss-tools-agile-teams> (Opensource.com)

# Forming an innovative partnership



Image credits: <https://opensource.com/article/17/12/who-drives-culture-devops> (Opensource.com)



# The future of civic tech



Image credits: <https://opensource.com/open-organization/16/9/culture-trumps-tools-every-time> (Opensource.com)



# Civic tech challenges



Image credits: <http://opensource.com/government/14/5/national-day-civic-hacking> (Opensource.com)

# Civic tech challenges: People/consumers

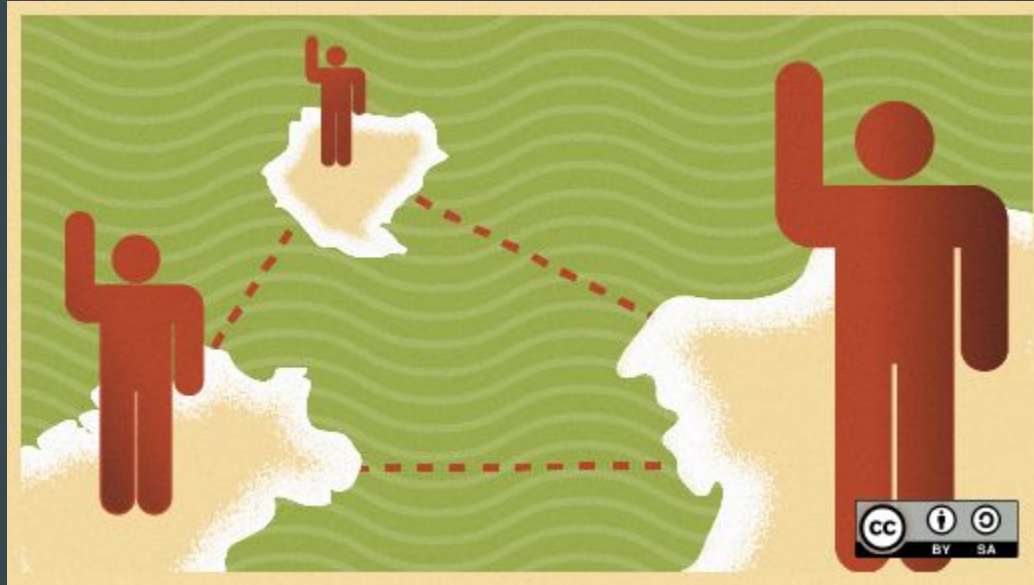


Image credits: <https://opensource.com/article/18/2/essential-roles-devops-culture-success> (Opensource.com)

# Work on stuff that matters



Image credits: <https://opensource.com/article/18/2/essential-roles-devops-culture-success> (Opensource.com)

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# Civic tech challenges: Project management



Image credits: <http://opensource.com/government/15/10/ato-interview-kaitlin-devine-18f> (Opensource.com)

# A valuable partnership

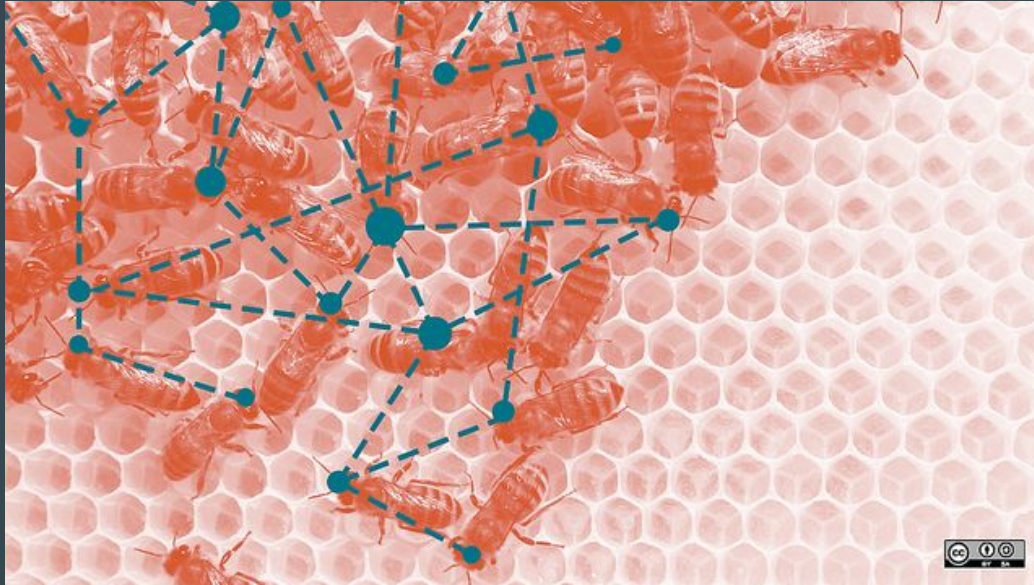


Image credits: <https://opensource.com/open-organization/17/2/tracking-issues-publicly> (Opensource.com)

# Effective collaboration with government

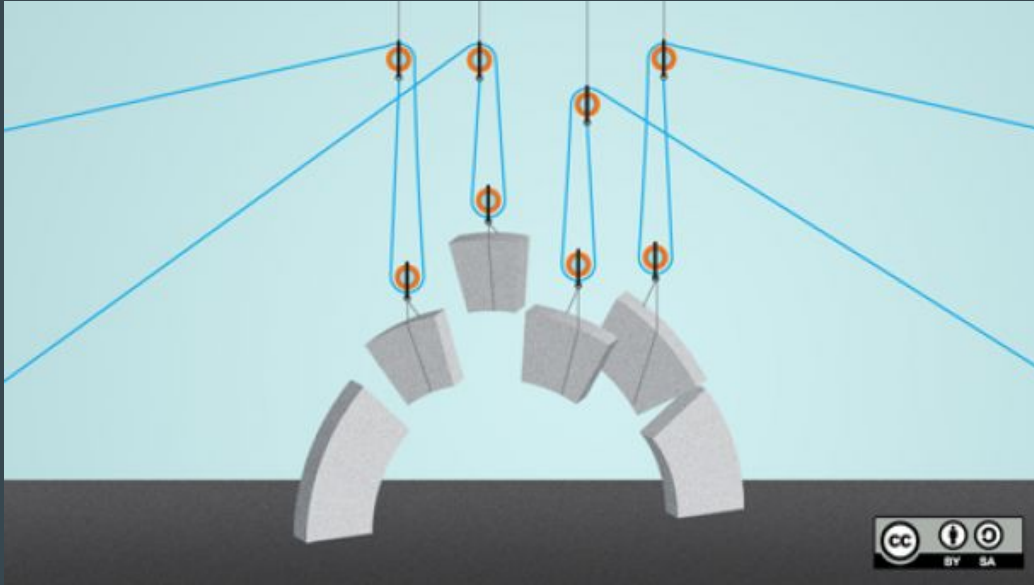


Image credits: <https://opensource.com/open-organization/17/4/how-branding-decisions-open> (Opensource.com)

# 2017 civic tech focus



Image credits: <https://opensource.com/article/18/2/devops-delivers-cool-apps-users> (Opensource.com)



# Open data, open data, and more open data

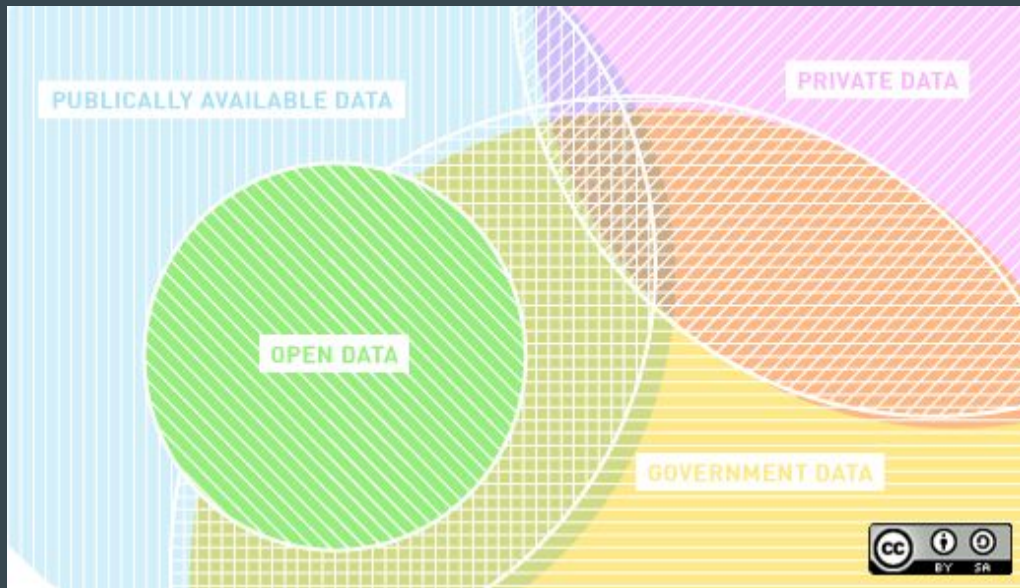




Image credits: <https://opensource.com/article/17/5/open-data-trends> (Opensource.com)

 data.world

Search



**Open NC**  
@codefornc  
<http://www.ncopenpass.com>



Library Activity People Details Followers Settings



1-4 of 4

Any Sort

Start a new project New dataset

**billscanlon Food Insecurity / Food Opportunities Challenge**   
Develop a tool that will assist with information for relieving food insecurity by connecting people to available sources  
Project • Updated Sep 25, 2017 • CC-BY-NC-SA License  
[nc open pass](#), [code for nc](#)  
7 Comment

**billscanlon NC Park Finder Challenge**   
Develop a tool that will allow residents to find parks and amenities from multiple jurisdictions.  
Project • Updated Sep 21, 2017 • CC-BY-SA License  
[nc open pass](#), [nc park finder](#)  
5 Comment

**billscanlon Entrepreneurship and Innovation Support Challenge**   
Looking at ways to help minority and under-represented people turn their business ideas into actual businesses.  
Project • Updated Sep 21, 2017  
Bookmark Comment

NC Park Finder Challenge

OPEN

@billscanlon • Updated Sep 21, 2017

5

Launch workspace

Overview

Insights

People

Discussion

PROJECT OBJECTIVE

Develop a tool that will allow residents to find parks and amenities from multiple jurisdictions.

nc open pass, nc park finder

For more details on this challenge along with additional data opportunities, contacts to local government leaders, and relevant board goals, check out this document: <https://docs.google.com/document/d/1SPbfKcQCv-kZAuX1HWQ40kmFZfNFMFgBpMQrPpevQUA/edit?usp=sharing>

Wake County MVP backlog:

1. List of all parks

2. Location of all parks

3. Basic information about park - address, hours of operation, contact information

4. List of amenities for each park

5. Cover multiple jurisdictions

Show more

DATA SOURCES

Project files

2 files, 0 tables

billscanlon/City of Asheville Parks

1 file, 1 table

billscanlon/Greensboro Trails and Parks

1 file, 0 tables

billscanlon/Parks in Wake

1 file, 1 table

billscanlon/Wake County Greenways

1 file, 1 table

durhamnc/City Parks

5 files, 4 tables

durhamnc/Durham Bike Racks

5 files, 3 tables

DOCUMENTS (2)

Project summary

MD

Data dictionary

MD

QUERIES (0)

Saved and published queries will show up here.

New query

Activity

September 27, 2017

smcclenn joined.

5 months ago

September 21, 2017

# NC Open Pass event series

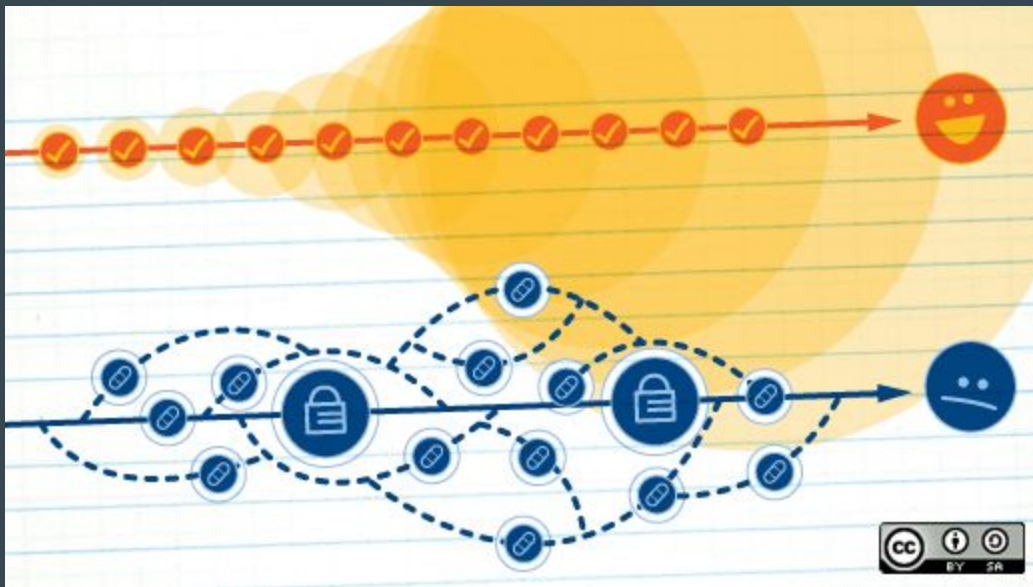


Image credits: <https://opensource.com/business/15/6/interview-jen-krieger-redhat> (Opensource.com)

# NC Open Pass event series

- Open Data Day
- Community action day
- National Day of Civic Hacking
- Civic Camp (formerly CityCamp NC)
- DataPalooza (formerly NC DataPalooza)



# Discovering our community issues



Image credits: <https://opensource.com/life/16/3/creating-welcoming-and-inclusive-open-source-space> (Opensource.com)

# 2018: A focus on affordable housing



Image credits: <https://opensource.com/government/11/4/blockboard-puts-whole-neighborhood-your-hands> (Opensource.com)





Image credits: NC Open Pass

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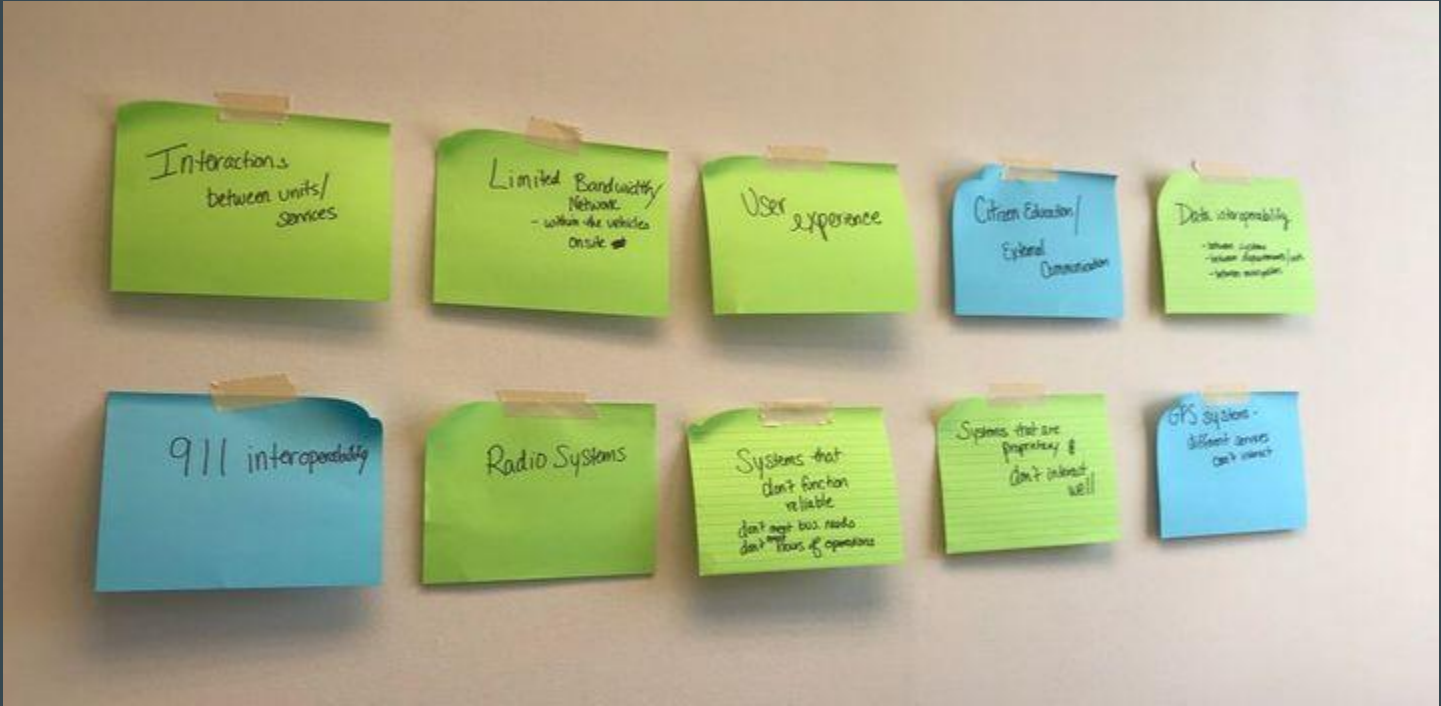


Image credits: NC Open Pass



Image credits: NC Open Pass

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# What's next: NC Open Pass

- Civic Camp ~ Sept 21-22
- All Things Open ~ Oct 21-23
- DataPalooza ~ Nov 8



# 5 ways to create sustainable civic tech



Image credits: <https://opensource.com/article/17/4/top-5-april-21> (Opensource.com)

# 5 ways to create sustainable civic tech

- Form partnerships
- Engage with volunteers
- Use an augmentation model
- Curate open data
- Update your community





Image credits: <http://opensource.com/life/13/11/open-source-thank-you> (Opensource.com)

# Contact



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Slides: <https://github.com/jhibbets/presentations>