Building sustainable civic tech with open data

Jason Hibbets, Senior Community Architect Opensource.com, Red Hat
The evolution of civic tech

Send in 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 brigades near you? Start a new brigade!
Tell us about yourself and we'll help you get started.

Image credits: Code for America
Quiz: Who likes to eat out at restaurants?

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

Image credits: https://www.rivcoeh.org/Programs/food
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](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

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)
Civic tech challenges: Project management

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

@jsibbens | @NCOpenPass | #OSSummit
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

data.world
PROJECT OBJECTIVE

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

cnc 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/1SP0dKtQYkJZk9Z14vHfWQh4MnYVwNMFgj4pYqPvPwQspXUA/edit?usp=sharing](https://docs.google.com/document/d/1SP0dKtQYkJZk9Z14vHfWQh4MnYVwNMFgj4pYqPvPwQspXUA/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

Activity

- September 27, 2017
- @emccleenn joined.
- September 21, 2017

Image credits: data.world
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

2018: A focus on affordable housing

Image credits: NC Open Pass
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

5 ways to create sustainable civic tech

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