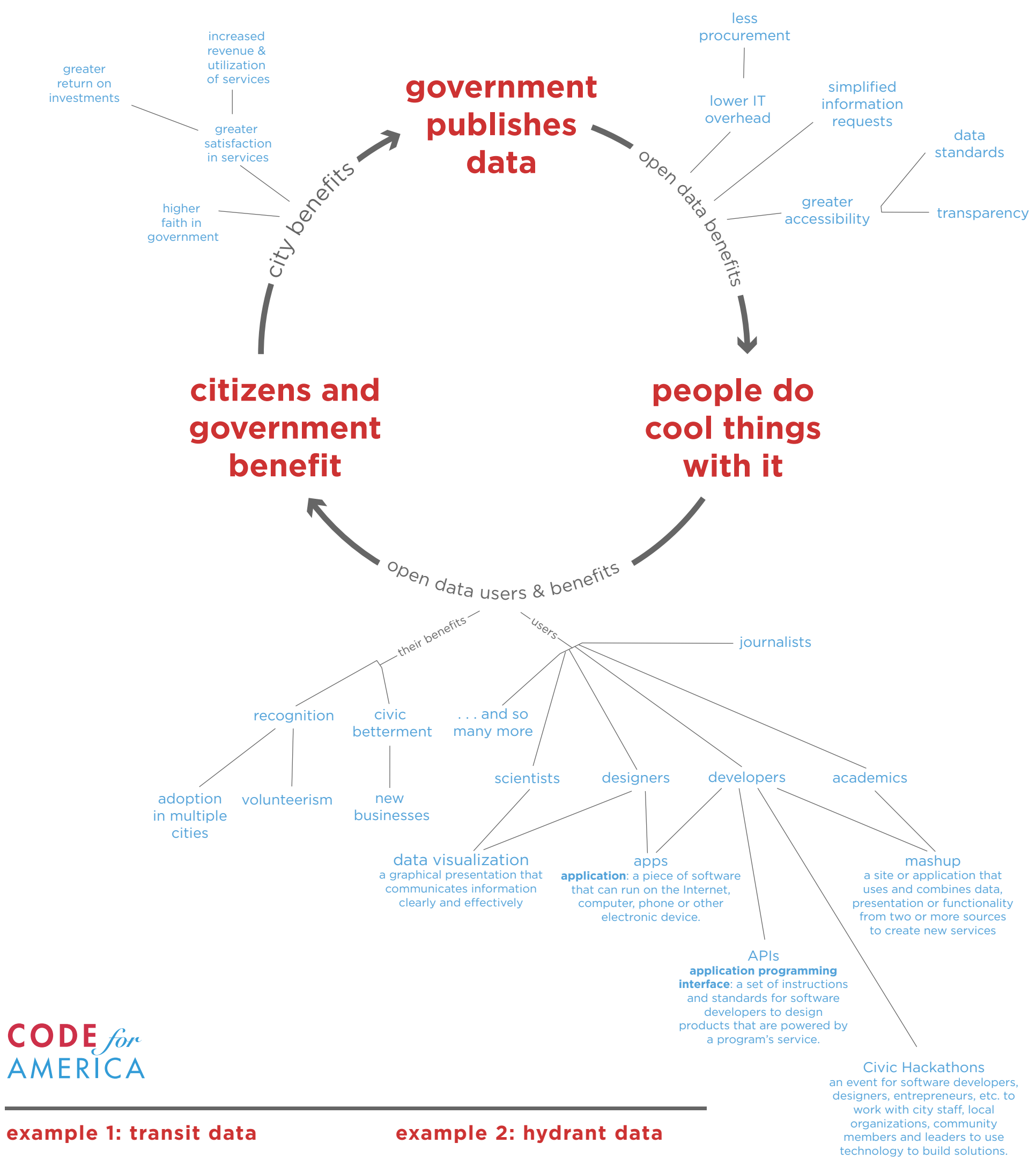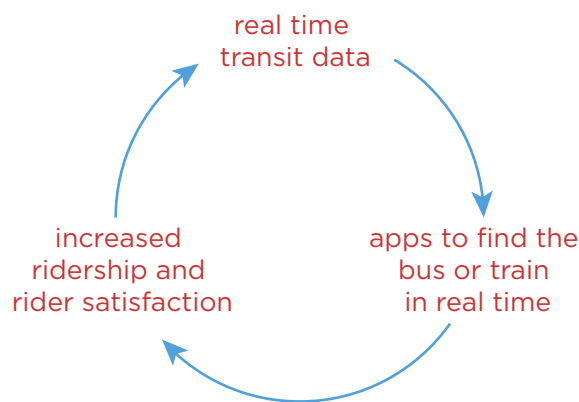# Open Data
Circle of Awesomeness

A diagram to illustrate the variety of different long term benefits that open data can bring to a city, and the different groups that can provide expertise and input for the common goals of everyone.

government publishes data

people do cool things with it

citizens and government benefit

city benefits

greater return on investments

increased revenue & utilization of services

greater satisfaction in services

higher faith in government

open data benefits

less procurement

lower IT overhead

simplified information requests

greater accessibility

data standards

transparency

open data users & benefits

their benefits

users

journalists

recognition

civic betterment

. . . and so many more

adoption in multiple cities

volunteerism

new businesses

scientists

designers

developers

academics

data visualization
a graphical presentation that communicates information clearly and effectively

apps
application: a piece of software that can run on the Internet, computer, phone or other electronic device.

mashup
a site or application that uses and combines data, presentation or functionality from two or more sources to create new services

APIs
application programming interface: a set of instructions and standards for software developers to design products that are powered by a program's service.

Civic Hackathons
an event for software developers, designers, entrepreneurs, etc. to work with city staff, local organizations, community members and leaders to use technology to build solutions.

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example 1: transit data

real time transit data

apps to find the bus or train in real time

increased ridership and rider satisfaction

example 2: hydrant data

fire hydrant Locations

app to adopt a hydrant and shovel it out in snow

decreased workload of Fire Department in snow, multiple city adoptions