City Champions of
Open Source

Sean Holman, Ellis & Associates
Open Cities
Open Recipes
Open mds-core

mds-core
PostgreSQL
Redis (Redis Labs)
Kubernetes (Google)
Istio (Google/IBM/Lyft)
Envoy (Lyft)
NGINX
GeoJSON
Yarn (Facebook)
Node.js
Typescript (Microsoft)
OAuth
Mocha

github.com/openmobility/foundation/mds-core

mds-compliance
Ionic
React (Facebook)
WebGL JS (Mapbox)
OpenStreetMap
OAuth (Auth0)

infra
Git
Lerna
Docker
Terraform (HashiCorp)
Helm
Linux
“Software development is hard. Running a large open source project is even harder.”

- Dan Kohn, former CNCF Executive Director
Cities need Open Source Software

Software is now critical to city operations

Freedom to use, change, and share with others

Software tools and standards that are trusted

Transportation is evolving quickly and the privatization of transportation services needs transparency
Open Source Software needs Cities

- Solve the Right Problems
- Community & Inclusion
- Code of Conduct
Open LA & Santa Monica

155 forks
67 contributors
70+ cities

@thekaveman - Kegan Maher
City of Santa Monica

@hunterowens - Hunter Owens
City of Los Angeles
Open Data

github.com/openmobilityfoundation/mobility-data-specification/issues/571

@schnuerle - Michael Schnuerle
City of Louisville

@johnclary - John Clary
City of Austin

@nicklucius - Nick Lucius
City of Chicago
Open Austin

@mateoclarke - BudgetParty
@diafygi - BallotAPI
@luqmaan - AustinGreenspace
@mscarey - EvictionHearingScraper

open-austin.org
Open New York City

ACCESS NYC (access.nyc.gov) provides a **mobile-friendly front door** for New Yorkers to screen for City, State, and Federal benefit and program eligibility as well as learn how to apply to programs and find local help. The site is for **benefits-seeking residents** in NYC and accommodates residents...

- With low digital literacy
- With limited technology access, especially those who are mobile dependent
- Who do not speak fluent English
- Who have limited visual capabilities

@devowhippit - Devon Hirth
@kimpenguin - Kimberly Peng
@theasteve - Steven Aguilar
Many more...

**Affordable Housing**
- San Francisco: [github.com/SFDigitalServices/sf-dahlia-web](https://github.com/SFDigitalServices/sf-dahlia-web)
- Chicago: [github.com/Chicago/clear-water](https://github.com/Chicago/clear-water)
- Boston: [github.com/CityOfBoston/digital](https://github.com/CityOfBoston/digital)
- Columbus: [github.com/smartcitiesdata](https://github.com/smartcitiesdata)
- Portland: [github.com/CityofPortland/transportation-system-plan](https://github.com/CityofPortland/transportation-system-plan)

**Safe Water**
- Nationwide: [democracylab.org](https://democracylab.org)

**City Digital Platform**
- [Nationwide](https://democracylab.org)

**IoT Data Platform**
- [Nationwide](https://democracylab.org)

**Transport Plan**
- [Nationwide](https://democracylab.org)

**Democracy Lab**
- [Nationwide](https://democracylab.org)

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Timothy Regan

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Mike McDonald