

UC



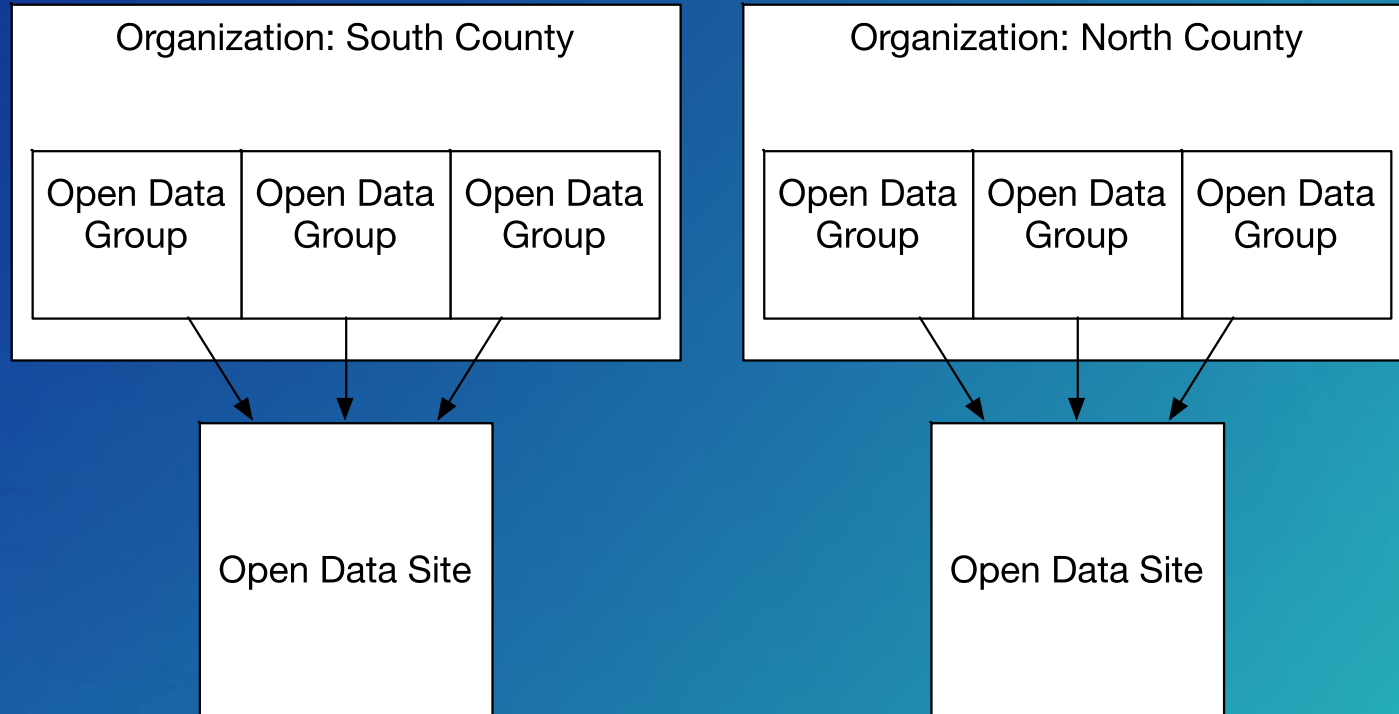
# Federating with ArcGIS Open Data

Daniel Fenton

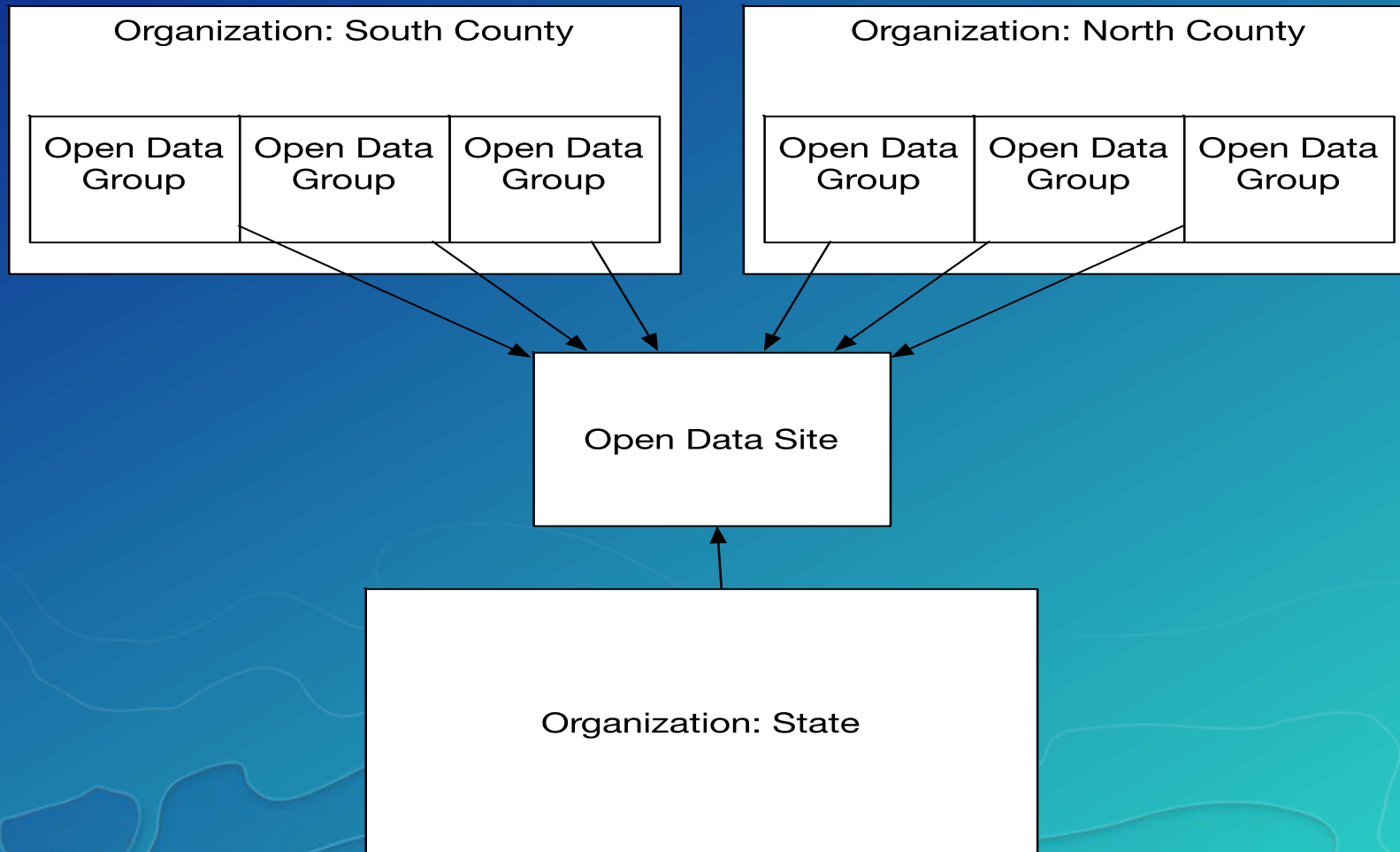
@dmfenton

# Non-federated Model

Subhead Here

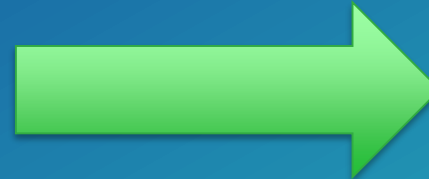
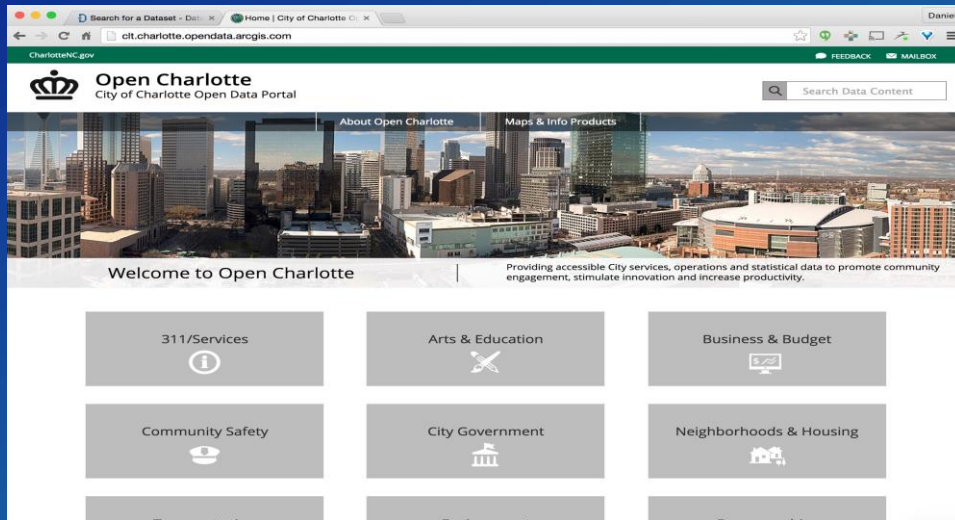


# Built-in Federation

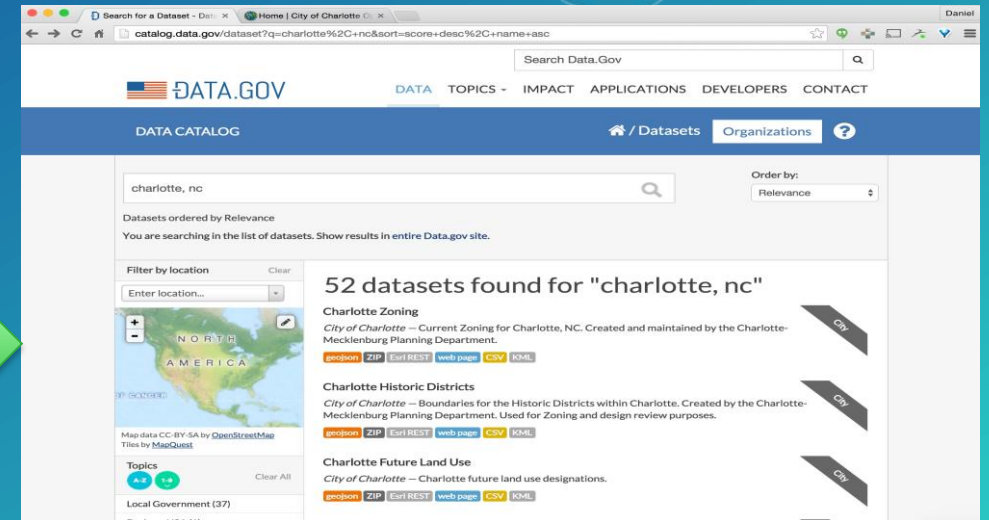


# CKAN Federation

clt.charlotte.opendata.arcgis.com

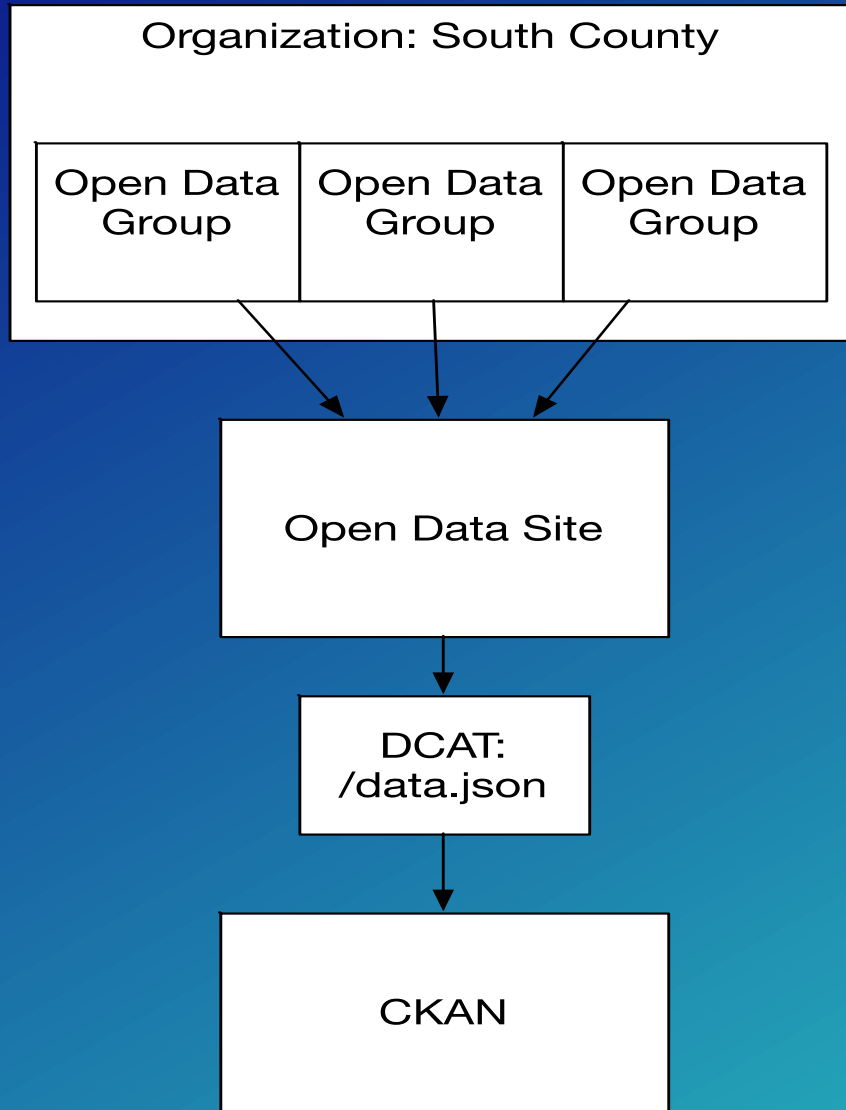


Data.gov





# CKAN: How it works



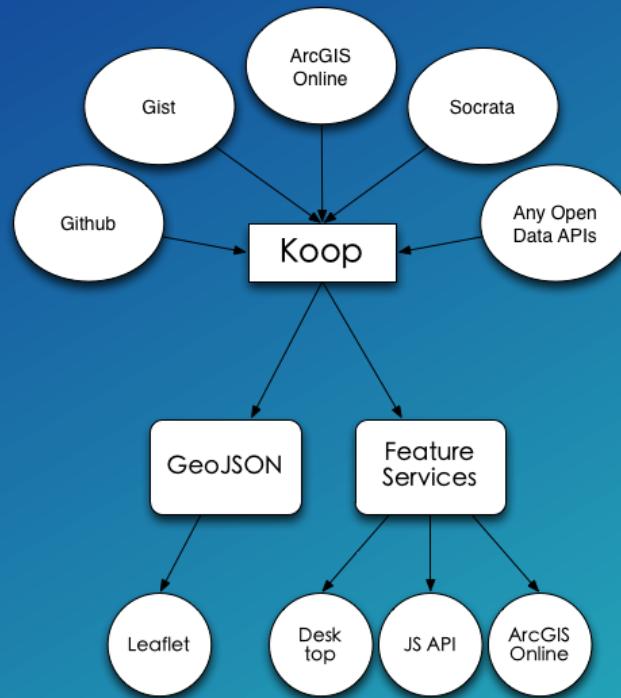
## What you need

- Open Data Group(s)
- Open Data Site
- Organization info
- An installation of CKAN
- CKAN DCAT Extension
- CKAN Harvester Extension

# CKAN: Step-by-step

- Install CKAN
- Install CKANEXT DCAT
- Install CKANEXT Harvest
- Start CKAN
- Start CKAN Harvesters
- Add new harvest source

# Koop



# Koop Providers

ArcGIS Online	npm v1.0.0	build passing
GitHub	npm v0.1.12	build passing
GitHub Gist	npm v1.0.0	build passing
Socrata	npm v0.4.1	build passing
CKAN	npm v0.0.9	build unknown
American Community Survey	npm v0.2.12	build unknown
OpenStreetMap	npm v0.0.5	build unknown
GeoCommons	npm v0.0.1	build unknown
VRBO	npm v0.0.2	build unknown
Cloudant	npm v0.0.3	build unknown
GeoJSON file	npm v2.0.0	build unknown
MongoDB	npm invalid	build unknown
Citybikes	npm invalid	build inaccessible
Decennial Census Data (info)	npm v0.0.2	build unknown
Yelp	npm v0.0.2	build unknown
Zillow	npm v0.1.7	build unknown



# Koop-Socrata

- Tabular data
- Uploaded shapefiles
- Examples
  - <http://geo.wa.gov>
  - <http://data.pf.opendata.arcgis.com/>
- Resources:
  - <https://gist.github.com/dmfenton/7d9203e47d9bac7e9e95>

# Socrata: Register Entire Site

1. Register a Socrata host on your Koop Instance
2. Create an Open Data group and get the id
3. Edit registerSocrata.rb
4. Run the script
5. Refresh datasets in Admin Data Report where necessary

# Additional Resources

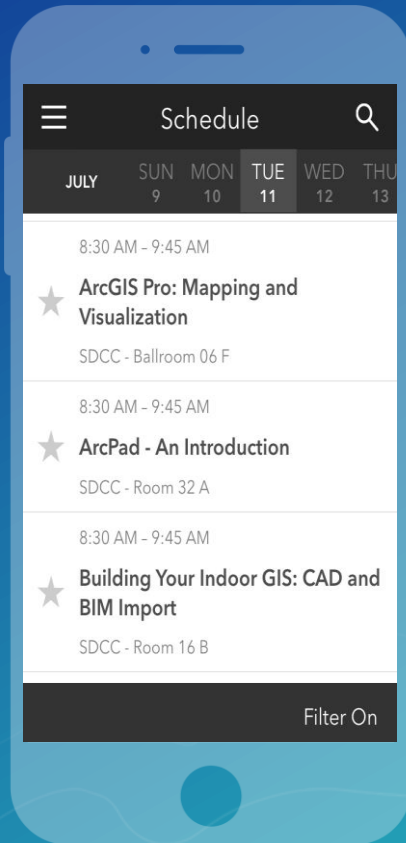
- <http://bit.ly/1lhvzfT>
- [\*\*Github.com/koopjs\*\*](https://github.com/koopjs)
- [\*\*Koopjs.github.io\*\*](https://koopjs.github.io)
- <https://doc.arcgis.com/en/open-data/provider/federating-with-ckan.htm>
- <https://github.com/dmfenton/ckan-docker>
- <https://gist.github.com/dmfenton/7d9203e47d9bac7e9e95>

# Please Take Our Survey on the Esri Events App!

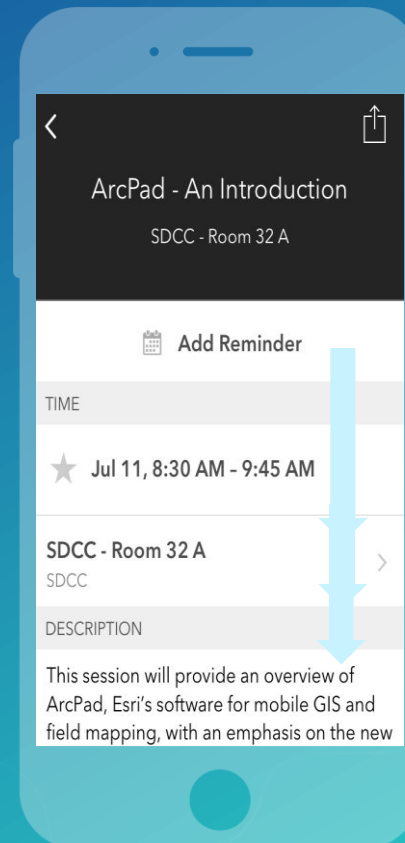
**Download the Esri Events app and find your event**



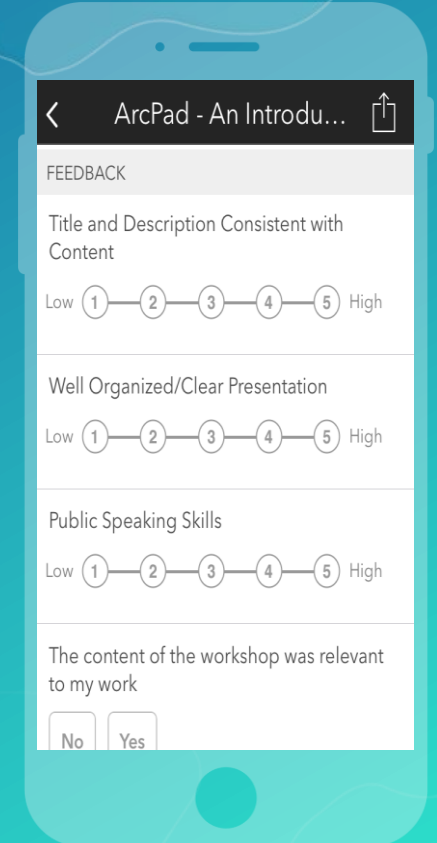
**Select the session you attended**



**Scroll down to find the survey**



**Complete Answers and Select "Submit"**







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