# *Empowering City Developers with Federal Data*

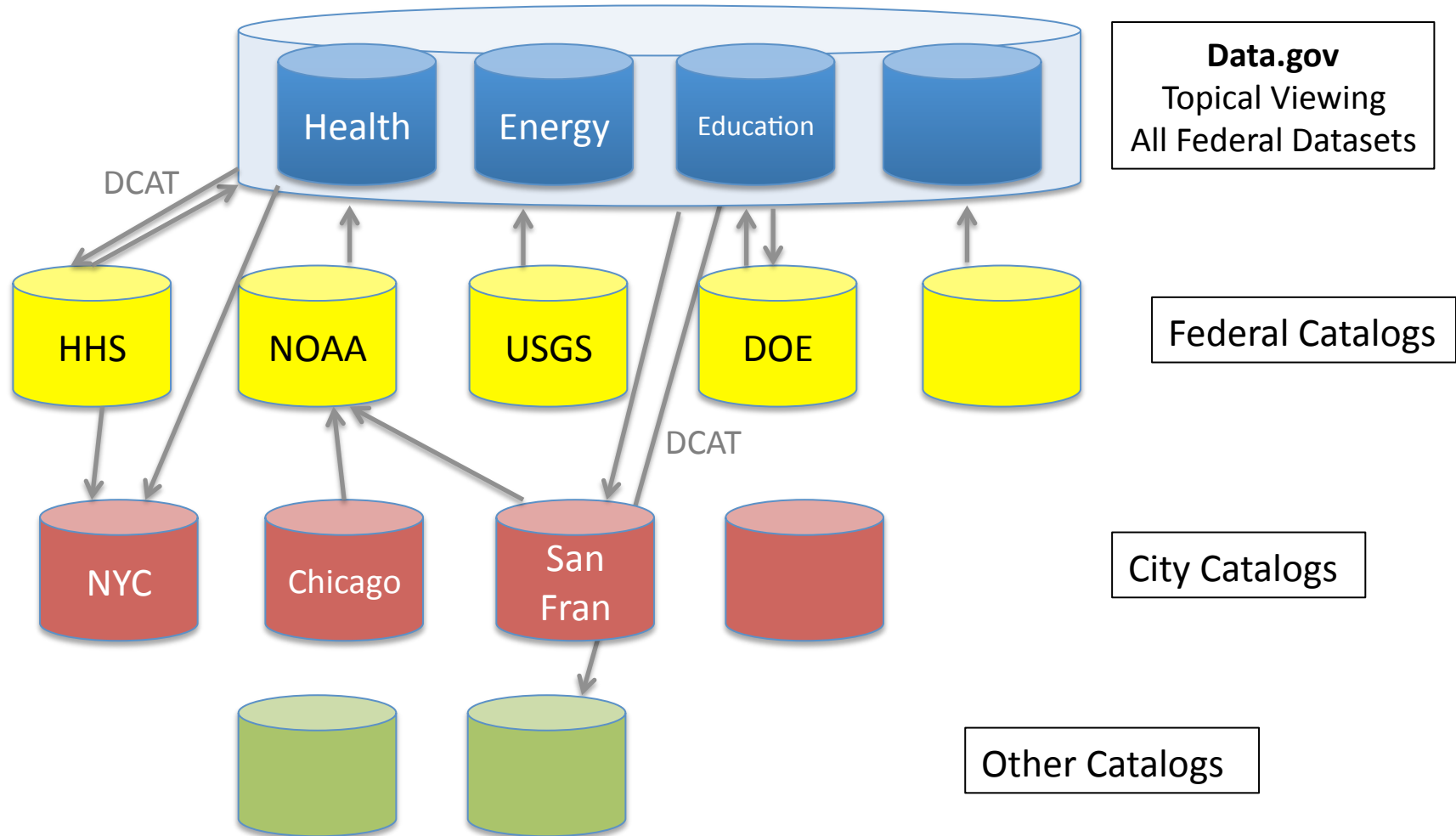Presented By: Chris Musialek

10 May 2012

# Data.gov Capabilities Today

- Dataset Management System
  - Workflow engine and metadata editor
  - How data gets onto Data.gov
- Search
  - Keyword
  - Filtering by basic metadata facets
- Vocab.Data.gov
  - Vocabulary publishing engine
  - Way for agencies to publish their schemas in a Linked Data way
- Geo
  - Search – keyword with geospatial relevancy
  - Harvesting mechanism (Also how data gets onto Data.gov)
  - Map visualizations through www.geoplatform.gov

# *Future of Data.gov – Peer-to-Peer*



Data.gov
Topical Viewing
All Federal Datasets

Health  Energy  Education

DCAT

HHS  NOAA  USGS  DOE

Federal Catalogs

DCAT

NYC  Chicago  San Fran

City Catalogs

Other Catalogs

# Open Government Platform
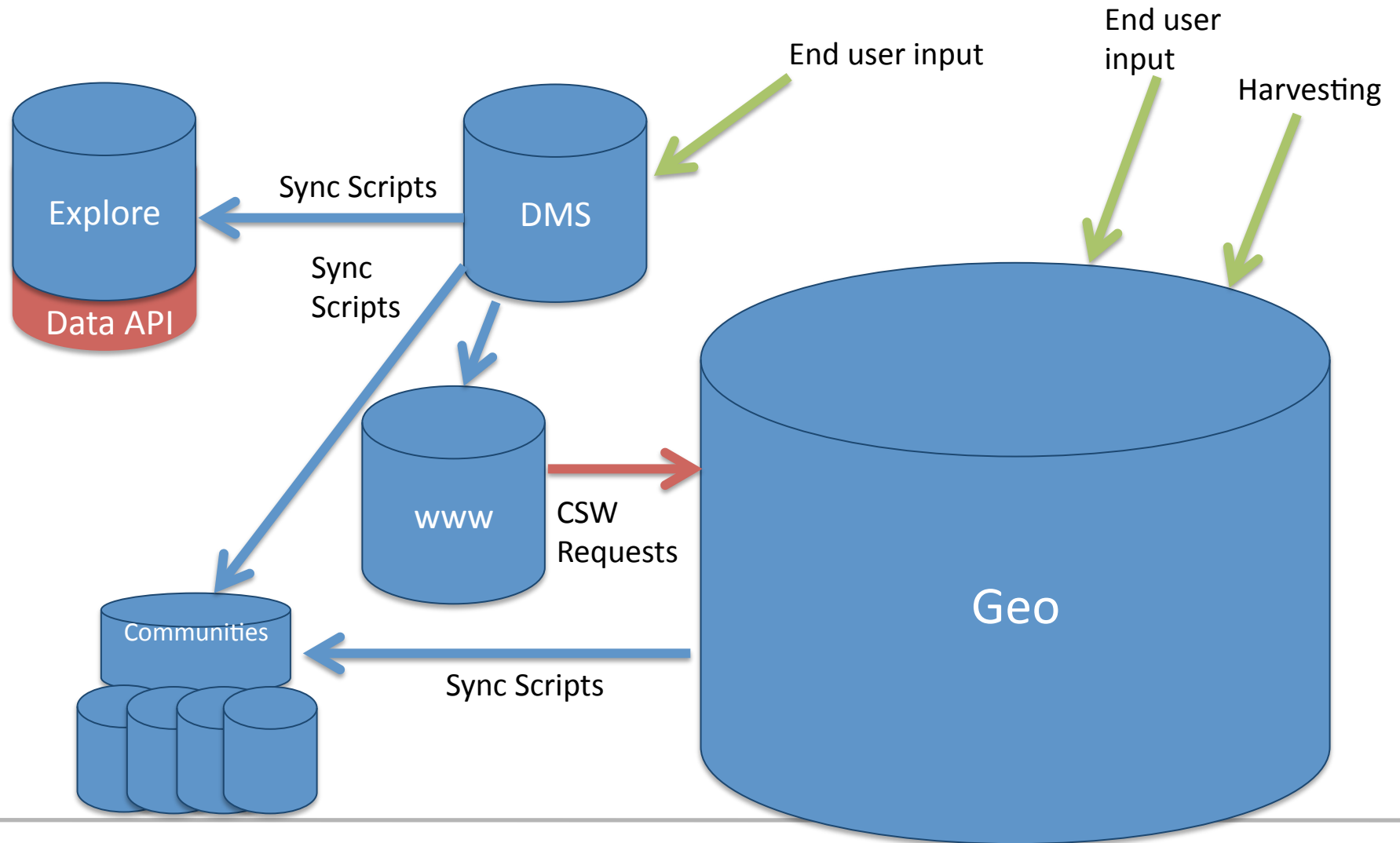
- [www.opengovplatform.org](www.opengovplatform.org)
- Bilateral partnership with Government of India's National Informatics Centre
- Open source version of Data.gov
- Government participation in Open Source Software

# *Open Government Platform (cont'd)*

- Public commits on Github

- Public bug tracker

- Public mailing list where discussion happens


- GET INVOLVED!
  - Source code on Github – Invitational until later this month
  - https://github.com/opengovtplatform

# Developer's Community

- We're revamping our community site

- [http://www.data.gov/communities/developer](http://www.data.gov/communities/developer)

- Data.gov's source code

- Helpful data tools (e.g. useful screen scrapers)

- Connect with others

- Calendar of challenges

- List of APIs and documentation

- Register once, use everywhere across the Federal government

- Ideas on the table:
  - Documentation and guidance
    - templates and reference standards
  - Basic API Key Auth
    - Central Proxy capability
    - Key validation service
  - Basic application statistics

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