District of Columbia Interagency Data Team

September 16, 2021
2:00 PM – 3:30 PM
Office of Chief Technology Officer
Meeting Hosted via WebEx Events

Agenda

- ***Welcome Remarks with News & Updates***
  Michael Bentivegna, Data Visualization and Analysis PM, Office of the Chief Technology Officer

- ***Proposed Data Maturity Model***
  Barney Krucoff, Chief Data Officer, Office of the Chief Technology Officer

- ***Beginning the 2022 Enterprise Dataset Inventory***
  Eva Reid, Senior GIS Analyst, Office of the Chief Technology Officer

- ***MAR 2 API for Developers***
  Matthew Sokol, Big Data & Data Integration PM, Office of the Chief Technology Officer

- ***Data Report***
  Alexandre Santos, GIS IT Specialist, Office of the Chief Technology Officer

Visit https://octo.dc.gov/page/interagency-data-team for presentation and minutes.

Meeting Notes

Best attempt to capture notable comments and questions from attendees (paraphrased). For complete presentation visit: https://octo.dc.gov/page/interagency-data-team

Presenter: Michael Bentivegna (OCTO) – Systems & Training News

- Planning to upgrade Tableau Server to 2021.2.3 on October 14, 2021
- Our next quarterly Tableau Site administrators meeting will be the following week in October 21st.
- New StayDC Dashboard built with MicroStrategy.
- Planning to upgrade MicroStategy Version 2021 in October 2021.
- The next MicroStrategy stakeholder meeting will be October 28, 2021.
- ArcGIS Server currently at 10.8.1 for Maps2.
- GeoEvent Server at version 10.8.1 is now integrated with the Data Lake.

- OCTO has received the preliminary GIS orthophotography (aerial photo) flight that was completed on March 11, 2021. It is undergoing QC from OCTO GIS analysts with an expected release October 2021.
- Pictometry aerial flight – 100% of the city flown from January to March 2021. The data are available within Pictometry Explorer. Check http://octo.in.dc.gov/node/15706 (Intranet) for access.
- Big Data & Data Integration – we are supporting agencies by taking call trace records using the Data Lake. More information on the Data Lake at https://octo.in.dc.gov/node/47271 (Intranet).
- The Replica data subscription ended on September 1, 2021.
- Data In DC has been updated with the latest Enterprise Dataset Inventory.
- Cloudera upgrades are planned for September 25th, October 9th and October 10, 2021.
- The Data Anonymization tools have been launched.
- User Groups
  - DC GIS – next meeting scheduled for October 21, 2021 however we are looking for agency presenters. Please contact Eva.Reid@dc.gov if interested.
  - Data Science – to be determined until we identify a new user group lead. Contact Matthew.Sokol@dc.gov for now.
- GIS and BI Training - view the presentation and http://octo.in.dc.gov/page/gis-and-bi-apps-and-services (intranet) for all available dates.

Presenter: Barney Krucoff (OCTO) – Proposed Data Maturity Model

- Data maturity models are common and meant to set a standard of best practices, determine gaps, and identify areas for improvement. The assessment is designed to be taken by each agency annually to measure competencies. At the low end you are "data deprived" next is "data discovering" next is "data developing" and the highest level is "data driven."
- Data driven means that you trust the data so much that you make decisions based on the data.
- The assessment will measure competencies to come up with the agency's maturity level. Competencies include: Data and Business alignment, Data Coordination and Governance, Data Quality and Metadata, Data Sharing and Systems Integration, Data Culture and Personnel, and Open data and public engagement.
- OCTO's hope is that the results of the maturity model survey will create better alignment across agency competencies and needs.
- We are using ArcGIS Survey123 to build the data maturity model assessment.
- The survey will ask agencies to select a phrase that best describes their agency.
- Scores are then averaged across competencies to identify the maturity level.
- *Question:* What is the survey (data maturity model) going to be used for?
  - The objective is to give each agency a sense for where they stand and where they may want to invest.
  - There is no mandate around taking the survey. OCTO has drafted a model and will share it with agencies for feedback and see whether it is something of interest.
- OCTO is looking for a handful of agencies to take the data maturity model (assessment) and provide feedback

- *Comment:* Perhaps the assessment could be good to be deployed across teams within the agency to create a data mapping within the agency.
- *Comment:* We could do a 360 degree review and have another agency rate an agency to get an external perspective.

Presenter: Eva Reid (OCTO) – Beginning the 2022 Enterprise Dataset Inventory

- The Enterprise Data Inventory is the operational arm of the Mayor's Data Policy to take stock of the datasets that agencies use and update on an annual basis to make policy decisions.
- OCTO will be offering training on the EDI web application.
- Updated Agency Data Officer list available at http://octo.in.dc.gov/node/14551 (intranet). Any changes to an agency data officer should be emailed to edi.admin@dc.gov
- Schedule:
  - September 16, 2021 – the EDI is open for editing and ADOs must review all records in addition to inventorying new datasets.
  - January 3, 2022 – all new or edited inventory records must be approved by general counsel. Recommended date general counsels should begin.
  - January 17, 2022 – target for all agencies to complete inventory with general counsel approval. OCTO will review, make recommendations and prepare inventory for publication
  - March 10, 2022 – public distribution of final EDI
- Updates to Sensitivity Flags which require additional review. Go back and update previous records.
  - Expanded to level 2 (District Government Use) – in the past years level 2 data did not have sensitivity flags
  - New flags and definitions for PII and non-PII groupings
  - Even if sensitivity flags were approved last year, these records must be reapproved this year.
- Why the EDI?
  - The EDI is helpful for several reasons. For example, DC is renegotiating its biometric contract and by searching for biometric data in the EDI spreadsheet, the city was able to identify four agencies that keep biometric data.
  - Large agencies use the EDI to understand the landscape of the entire agency and understand what each team is working on and producing.
  - Analysts and Data Scientists use the EDI to find necessary data from other agencies.

CONTINUE NEXT PAGE

Presenter: Matthew Sokol (OCTO) – MAR 2 API for Developers

- Released a 1.0 version in beta with a planned release of 1.2 late September 2021.
- What is the difference between MAR 1 and MAR 2?
  - Web service type for 2 are REST
  - Data Format for 2 are JSON and GeoJSON
  - Maturity for 2 with planned quarterly releases
  - Backend for 2 is faster response by using ElasticSearch
  - Better managed access and control for 2 with an API key
- API functionality
  - Dynamic responses that gives developers the option to choose what parameters should be included in the output.
  - API keys allow OCTO to track developers and how they are using MAR 2
  - Built with .net Core for better performance
- Where to begin and learn more?
  - MAR 2 developer page: https://developers.data.dc.gov/
  - MAR viewer page https://developers.data.dc.gov/marviewer/home
- Do you need to migrate from MAR 1?
  - Recommended!
  - But, MAR 1 is not going away anytime soon
  - OCTO requests users start testing the MAR 2 and provide feedback
- Future plans for MAR 2 API.
  - Batch Geocode API endpoint
  - Support for SSL
  - Support for units
  - Better scoring
  - Batch Geocode Web Interface (December)
  - More samples integrating with other frameworks
  - Continuing agile development
  - Looking to have quarterly releases

Presenter: Alexandre Santos (OCTO) – Data Report

New Datasets in Open Data DC since last meeting May 24, 2021

- Census 2020 Data
  - Census Tracts, Blocks, and Block Groups
- Dockless Bike and Scooter Corral Locations National Mall
- Enterprise Dataset Inventory – 2021 Secure
- Public Bike Rack
- Ward 2012 with Census 2020 Data
  - Note, this layer will be retired when redistricting is complete and a new Ward boundary file is passed by DC Council
- 311 Scheduled Yard Waste

Other Datasets

- InfoUSA Licensed DC Gov Use Only Data (via DMPED). Contact OCTO for access.
  - Business Data – 2021.
  - Closed Businesses in 2021.
- ESRI Licensed DC Gov Use Only Data. Contact OCTO for access.
  - Consumer Expenditure Survey 2018-2020

Updated Datasets in Open Data DC since last meeting May24, 2021

- Adult Arrests
- Building Energy Performance
- Camera Enforcement Locations
- Capital Bikeshare Locations
- Clean Team Service Areas
- Cooling Centers
- Crash Locations and Details
- DC Circulator Routes
- DC Circulator Stops
- DC Property
- Dockless Bikes and Scooter Monument Map
- Integrated Tax System Public Extract (ITSPE)
- Land Boundary Changes
- Moving Violation
- National Highway System and Interstate Highways
- Office of Aging Lead Agency
- Parking Violation
- Parking Zones
- PASS Contracts
- Pharmacy Locations
- Public Schools
- Recreation Centers
- Residential Permit Parking (RPP) Blocks
- School Crossing Guard Locations
- Single Member Districts (SMD)

Data update notes:

Adult Arrests – added 2020 arrests
Building Energy Performance – added added MEET_BMPS and BEPS_PROPERTY_GROUP fields
Camera Enforcement Locations – updated locations from MPD
Capital Bikeshare Locations – new gbfs format for schema
Clean Team Service Areas – updated boundary from DSLBD
Cooling Centers – Update file from HSEMA
Crash Locations and Details - CRIMEID integer to text, PersonID: Int to Text type, VehicleType: length change to 25, and VehicleID: length change to 25
DC Circulator Routes and Stops – updated file from DDOT
DC Property – staff update geometry and attributes according to OTR

Dockless Bikes and Scooter Monument Map – updated file from DDOT
Intergrated Tax System Public Extract - ordered columns in map service specified by OCFO
Land Boundary Changes - added creation_dt field
Moving and Parking Violations – Monthly update
NHS and Interstate Highways – Repointed layers to new DDOT Roadway data
Office of Aging Lead Agency – updated URL for Terrific Inc.
Parking Zones – updated layer from DDOT
PASS Contracts - added contract_details_link field
Pharmacy Locations – updated file from DC Health
Public Schools - Benjamin Banneker HS address updated to 1600 9th St. NW
Recreation Centers – updated spray parks
Residential Permit Parking (RPP) - repointed layer to Roadway Block
School Crossing Guard Locations – new file from DDOT
Single Member Districts – updated representative names

END