Data Management & Integration (DMI) GIS

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Current Initiatives

● Development of new hosting platform
● Enhancements to nyc-lib library
● Interagency LiDAR Workgroup
DMI GIS in AWS

- Increase scalability of hosted applications and data services
- Provide more reliable and faster services for end users
- Simplify deployment workflows
- Increase productivity with continuous integration/continuous development

Figure 1 - from the Mind the Product blog
nyc-lib Enhancements

- Accessibility feature improvements (with MOPD)
- Integration with NYC Core Framework

Documentation: [https://maps.nyc.gov/nyc-lib/](https://maps.nyc.gov/nyc-lib/)

Examples: [https://maps.nyc.gov/nyc-lib/v1.3.66/examples/index.html](https://maps.nyc.gov/nyc-lib/v1.3.66/examples/index.html)

GitHub repo: [https://github.com/timkeane/nyc-lib](https://github.com/timkeane/nyc-lib)
Interagency LiDAR Workgroup

- 10+ Agencies
- Discuss and understand cost savings to the City with gathering citywide requirements and streamlining procurement
- Workgroup will help inform future data hosting and services for agency and public use
Future Initiatives: 2020 and beyond

- Publish new web feature services via GeoServer in EKS—à la WMTS, TMS, Vector Tiles, etc.
- 2020 Orthoimagery and update to tiling service
- Rewrite NYCityMap (oldie but a goodie)
- Remote Sensing data hosting
Additional Resources

We updated our DoITT homepage!
https://www1.nyc.gov/site/doitt/residents/gis-mapping.page

DMI GIS Data Metadata
https://github.com/CityOfNewYork/nyc-geo-metadata

geoclient (NYC geocoder) Code Repo
https://github.com/CityOfNewYork/geoclient
Thanks!

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