MD iMap Updates

October 17, 2012

MD iMAP NEXT GENERATION

- Redevelop existing applications for multiple platforms (HTML5) pointing to new data
- Create new ArcGIS 10.1 environment
- Review all data and migrate to the new environment
  - Features Services
  - Web Mercator
- Portal Makeover
- Gradually migrate MD iMap to MD iMap NG
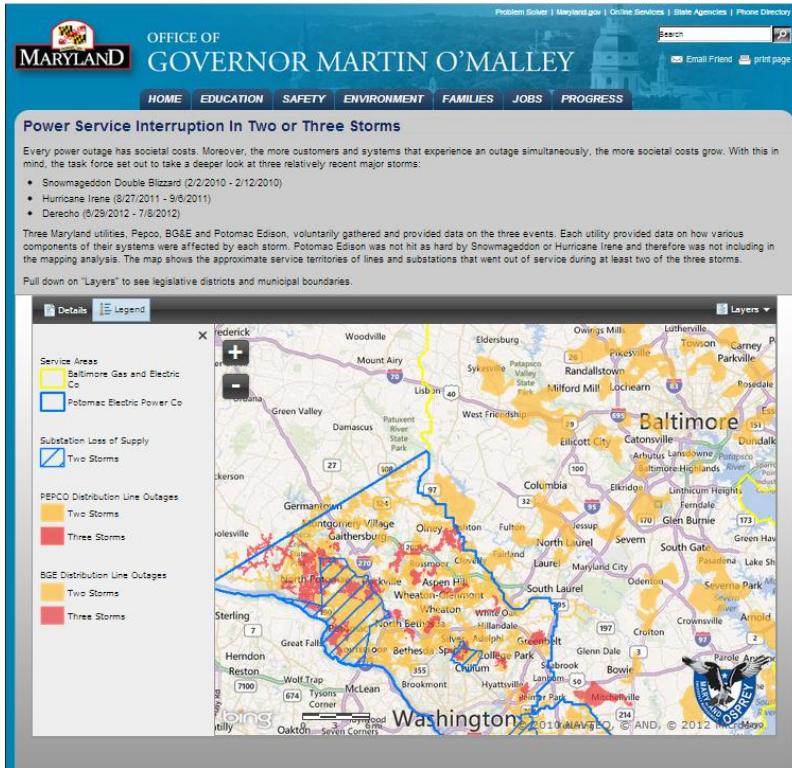
MD iMAP Next Generation

iMap

- AGS 10.0
- Towson CGIS
- Continues to operate
- Existing services only
- Variety of viewers
  - Flex, JavaScript, Silverlight
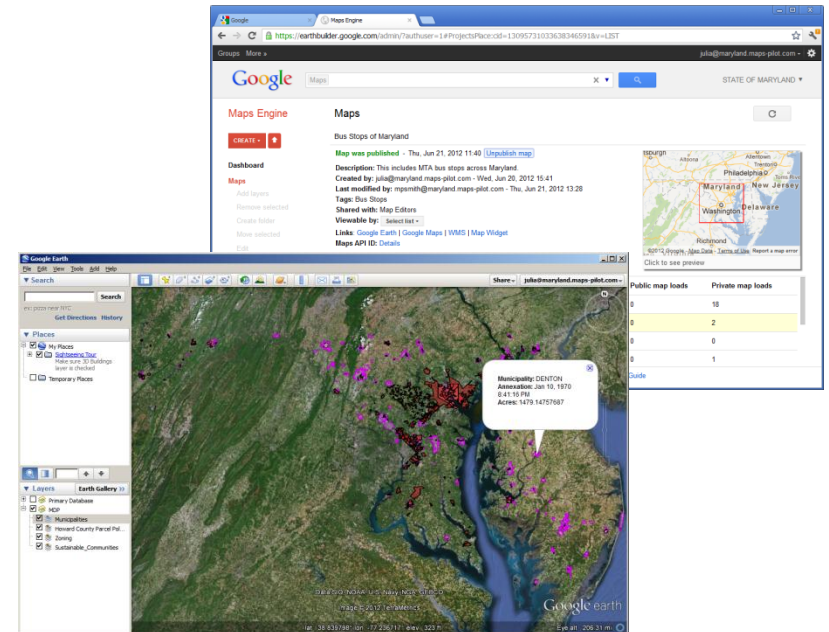- Shut down after conversion (~1 year)

iMap NG

- AGS 10.1
- Hybrid Approach
  - CGIS, Cloud, DoIT
- New Data Structure
  - Migrate select existing
  - New services
- HTML 5 / JavaScript viewers (cross platform)

DATA SHARING OPPORTUNITIES

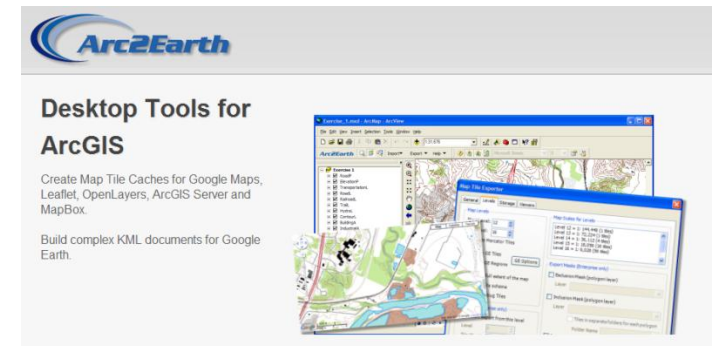## ArcGIS Online for MD

Google Maps Engine

http://imap.maryland.gov/ | **twitter** @MDiMap

DATA SHARING OPPORTUNITIES

Arc2Earth

- ArcMap extension which converts data to .kml

- Additional capabilities include:
  - Scale dependent rendering
  - Symbology
  - Enhanced pop-up generation

DATA SHARING OPPORTUNITIES

Socrata

- Data sharing portal for spatial and non-spatial data

- CGIS developing integration capability with REST endpoint

DATA UPDATES

Map Service News

- Updated Maps Services
  - Sustainable Communities
  - Priority Preservation Areas
  - Arts & Entertainment Districts
  - Unemployment Rates
  - Enterprise Zones
  - Bay Trust Fund
  - All MDP Services
  - Energy Conservation
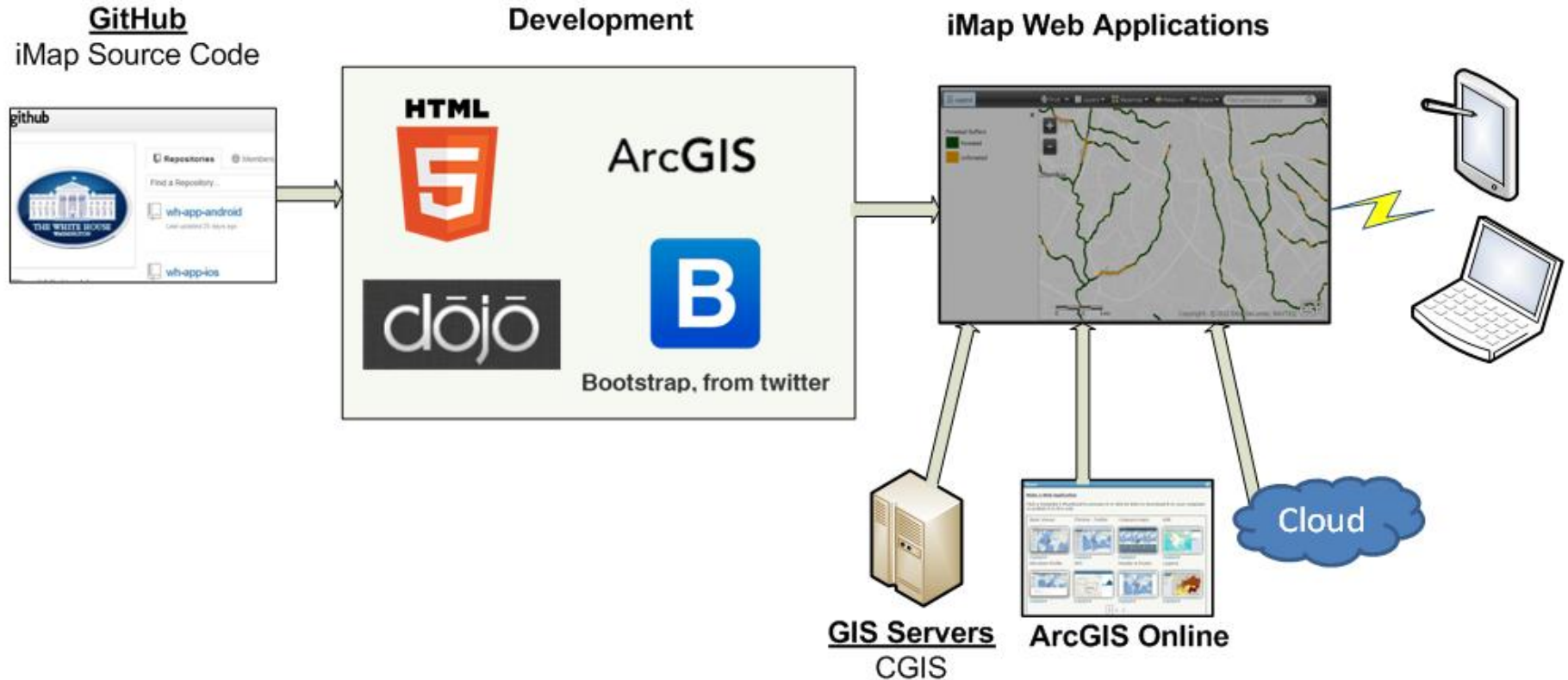
Application News

- New Applications:

APPLICATION UPDATES

- Programming language that works on Desktops, Tablets & Smartphones

- Developing web standards, no browser plug-ins

- MD iMap Templates

- Common set of tools

- ArcGIS Online capable

APPLICATION UPDATES

WFS Enabled Data

- Instructions and list of available map services provided on the Portal
    - Portal > Help

Instructions for Accessing Data from WFS-Enabled Web Services

1. Go to ArcGISToolbox > Conversion Tools > From WFS > WFS to Feature Class
2. Enter the full URL of the WFS Service
3. Click the dropdown for Select FEature Type to Extract to select the specific map service to extract
4. Enter the output location of the database for the data to be extracted
5. Enter the feature class name for the data to be extracted
6. Click OK

Please remember that the data to be extracted is a snapshot only. Check back periodically to make sure you are working with the most up-to-date and accurate version.
For a list of currently available WFS-Enabled Web Services, click here.

Folder Name	Service Name	Service URL
Boundaries	Community Legacy Areas	http://mdimap.us/ArcGIS/rest/services/Boundaries/MD.State.CommunityLegacyAreas/MapServer
Boundaries	Congressional Districts 2011	http://mdimap.us/ArcGIS/rest/services/Boundaries/MD.State.CongressionalDistricts.2011/MapServer
Boundaries	Designated Neighborhoods	http://mdimap.us/ArcGIS/rest/services/Boundaries/MD.State.DesignatedNeighborhoods/MapServer
Boundaries	Main Street Areas	http://mdimap.us/ArcGIS/rest/services/Boundaries/MD.State.MainStreetAreas/MapServer
Boundaries	Maple Street Areas	http://mdimap.us/ArcGIS/rest/services/Boundaries/MD.State.MapleStreetAreas/MapServer
Boundaries	Outer Continental Shelf Blocks	http://mdimap.us/ArcGIS/rest/services/Boundaries/MD.State.OuterContinentalShelfBlocks/MapServer
ClimatologyMeterologyAtmosphere	Ocean Wind Rose	http://mdimap.us/ArcGIS/rest/services/ClimatologyMeterologyAtmosphere/MD.State.OceanWindRose/MapServer
ClimatologyMeterologyAtmosphere	Ocean Wind Speed 100 meters	http://mdimap.us/ArcGIS/rest/services/ClimatologyMeterologyAtmosphere/MD.State.OceanWindSpeed100m/MapServer
ClimatologyMeterologyAtmosphere	Ocean Wind Speed 30 meters	http://mdimap.us/ArcGIS/rest/services/ClimatologyMeterologyAtmosphere/MD.State.OceanWindSpeed30m/MapServer
ClimatologyMeterologyAtmosphere	Ocean Wind Speed 50 meters	http://mdimap.us/ArcGIS/rest/services/ClimatologyMeterologyAtmosphere/MD.State.OceanWindSpeed50m/MapServer

PORTAL UPDATES

Migrate MD iMap Portal Website Timeline:

- Currently being redeveloped in SharePoint
- Re-launch anticipated early 2013
- Redesign phased in through remainder of 2013

COMMITTEE UPDATES

Executive Committee Meeting

- Tuesday, October 9th (9 – 2:30p.m.) @ MDOT
- Approximately: 45 attendees
- Topics Covered:

  o Ethics
  o Budget Review
  o Communication Plan
  o TUgis 2013 Conference
  o Eastern Shore Imagery

  o Executive Order Review
  o Technical Committee Update
  o Next Generation Plans
  o Addressing Initiative
  o Master Geospatial Services Contract

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COMMITTEE UPDATES

Next Technical Committee Meeting

- Tuesday, November 20th (1 – 3p.m.) @ MDE

(1800 Washington Blvd., Baltimore, MD 21230)

- Call-in Number: 410-537-4281

- Participation: Open & Welcome

- Meetings: 1st Tuesdays of the Month

- Contact: Julia Fischer (julia.fischer@maryland.gov) or Frank Siano (fsiano@mde.state.md.us)

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