



eGIS Applications Development Working Group Meeting #2, September 23, 2009

MINUTES

Welcome and Introductions

- Meeting was well-attended in person and via GoToMeeting
- Mix of GIS and programmers

Review of Group Mission and Resource Page

- Quick look at the [ADWG Resource Page](#), which now has links to four production applications, two that are still under development and links to participant-recommended learning tools and resources
- Contact Nick Franchino at nfranchino@planning.lacounty.gov for the password

Map Services Discussion

- Discussion covered desirability of a standard look and feel for County applications that would provide a shell for rapid development and customization – needs further discussion
- Part of rapid deployment would be a collection of services grouped by, perhaps, business need or the layers' interrelationship – needs further discussion. Departments may still develop custom services as necessary for their own applications, but the standard services are for sharing
- Proposed services:
 - o Imagery
 - o Parcels
 - o Elevation and hillshade (terrain in Google/Bing terminology)
- Discussion regarding cached vs. dynamic services covered issues relating to trade-offs in speed of loading and cache maintenance
 - o Client patience for load time is decreasing
 - o Scripts are now available to recreate cache tiles for updated data only
 - o Re-building cache need not tie up any ESRI licenses
 - o Decision when to use cached or dynamic driven by purpose of application
 - o Need to determine where shared services will reside
- No one noted a need to cache 2003 or 2006 imagery
- If departments intend to overlay cached data on Google maps, then a set of caches using their datum/projection (WGS84/Mercator) must also be created and maintained

Map Scales Discussion

- Reminder that symbology has to be examined at every scale level for appearance
- Scale dependencies to show or hide a given layer help keep the map clean and informative
- Reviewed a spreadsheet showing the current rendering of County basemap layers at various scales and a side-by-side comparison of Google/Bing scale levels, ArcGIS scale levels, existing County basemap scale levels and a few proposed schemes
 - o Tentative decision was reached to match the Google/Bing range from the largest scale (1:1,128,497,176) down to approximately 1:2,000,000 and to add one more level that is exactly twice as large as the largest Google/Bing scale.
 - o Note that these levels only approximate many of the most commonly used scales in some departments and the units are not readily translated for ease of understanding in the field

Follow Up:

- Mark will create imagery caches at the levels used by Google & Bing Maps
- Next meeting will be scheduled for 4-6 weeks from today
- Prior to the next meeting, participants should at least experiment with the sample applications with one of the APIs
- Participants should continue adding links to their projects to the Resource Page
- DPW will create a PDF of the PowerPoint presentation made at the latest eGIS meeting and link to it from the Resource Page
- Code sharing from the Resource Page:
 - o DPW will contribute code from some of their six applications (Google mashups)
 - o DRP will contribute the Street View and Bing Maps tools (from the Flex viewer)