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What is LouisianaMAP 2.0? (beta)

This map serves as a proof of concept—and a look at things to come.

The map provides the foundation for additional map services being developed on this site.

Return often as new abilities are added...
What is LouisianaMAP 2.0? (beta)

- Official Geospatial Web Portal of Louisiana Government
  - Web Mapping Applications
  - Data Services
  - Geospatial Resource
A brief history lesson

- 2003 – LouisianaMap (v1.0)
- Louisiana Technology Innovation Fund
  - Deliver Louisiana-centric Maps
  - Intuitive Web Services
  - Eliminate Redundancy
Lessons learned...

The Good:

• Data interoperability is possible
• Public interested in mapping services
• On-demand data interoperability

The Bad:

• Development stalled
• User expectations exceeded capabilities
• Wait for technology
The Next Generation...

• Broaden interoperability between various data contributors
• Embrace robust Web services
• Provide a more dynamic & rich user interface
• Utilize a common development framework
• Intuitive & user friendly
• Meaningful to all users
The Geospatial Vision of Web 2.0

• A new way to deliver Web based applications
  – Yahoo!, Google, and Microsoft
• Collection of Internet technologies that have had a HUGE impact on the Web

Dynamic
Responsive
SoA
Social Networks
RSS
XML
Mobil
Vlogs
AJAX
Video on Demand
REST
Design
Safe
Audio on Demand
DHTML
Content
embedded blogs
engaging
FireTrust
Content Management
Blog-o-sphere
Atom
Video on Demand
XHTML
MOBILITY
Distributed Hosted Services
Open API
WSDL
Blog
XML
API
Interoperability & Open Standards

Web Services
- Simple Objects Access Protocol (SOAP)
- Extensible Markup Language (XML)

Mapping Applications
- Microsoft .Net ADF
- JavaScript
- Representational State Transfer (REST)

Data Standards
- LSDI
- Shapefiles & XML-GML-XML
- Open WMS
Where 2.0®
Louisiana Map

MAP 2.0
Live Demo

- Boat Launch & Marinas Locator
- New Orleans Recovery Schools
- Desktop Connections
- Data Catalog
Beta means I don’t have to say I’m sorry

- LouisianaMap 2.0 *(beta)* will be released soon
- Volunteer beta-testers needed
- New applications in development
  - Louisiana Services Locator
  - Louisiana-One-Map
  - GeoRSS New Locator
LouisianaMap 3.0?

Future Development of LouisianaMap

• *Web Mapping Services*
  – Enhanced functionality
  – Mobile & Location Based Services

• *Interoperability*
  – More Open Services
  – Broader Content Providers
  – Better integration with 3rd parties
  – Distributed Security Framework

• *Scale-Up*
  – Web Services
  – Data Storage
  – Distributed Network Infrastructure
Conclusion

LouisianaMap 2.0 (beta)
http://map.la.gov

Louisiana Geographic Information Center
http://lagic.lsu.edu