

Retooling the Thought Process

Township of
Langley



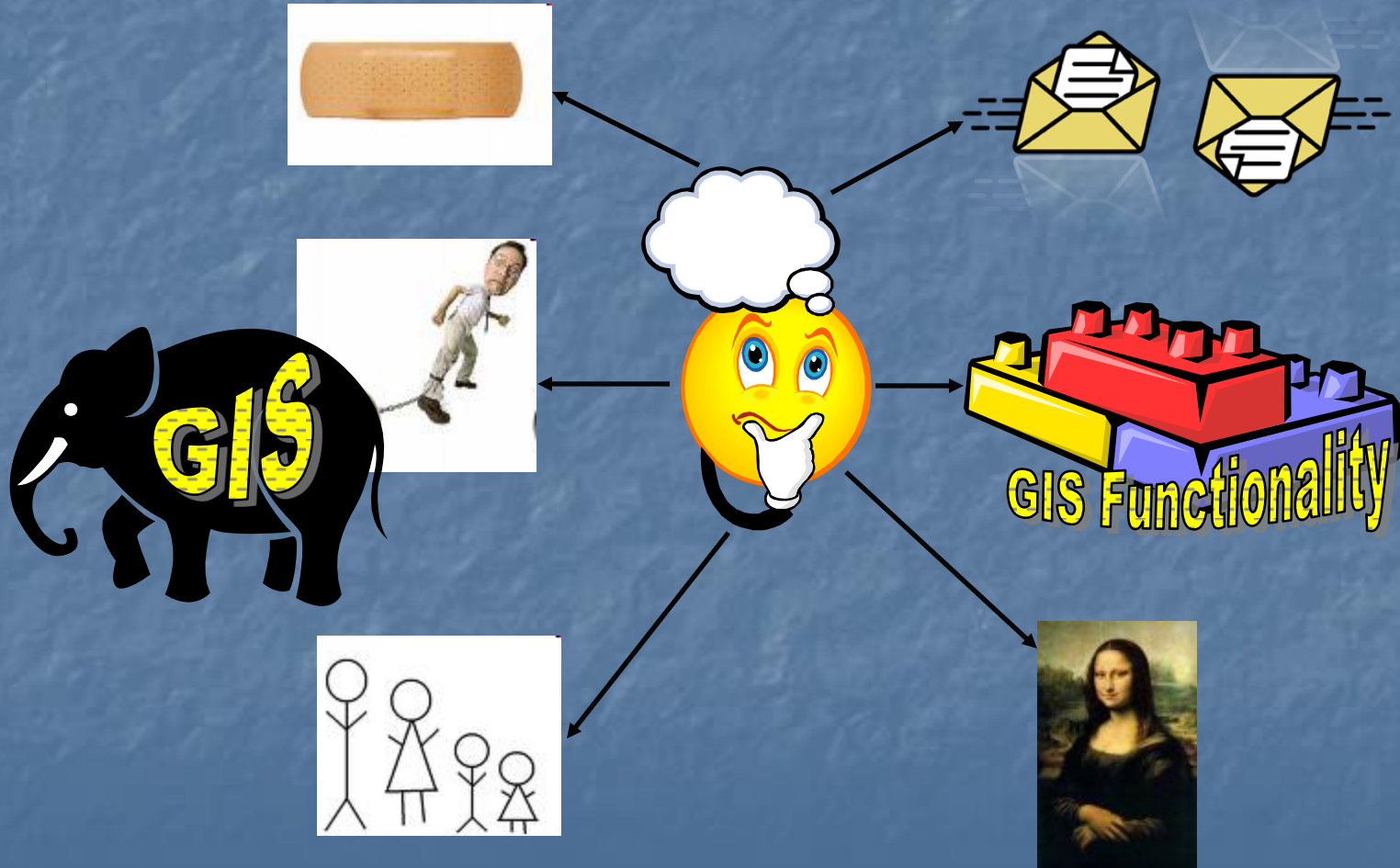
Est. 1873

Township of Langley (TOL)

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Manager Geomatic Services

What's the Thought Process



Are you good with Lego?



- Functionality as building blocks not the entire GIS
- Pick and choose what meets the end user requirements – Size Doesn't Matter
- Hybrid solutions by combining components from GIS and mainstream IT (identify what is a GIS function and what doesn't require GIS processing)
- Leveraging Agile Development methodology
- Careful design to allow for code refactoring in the future (process of changing computer program's internal structure without modifying its external functional behaviour or existing functionality, in order to improve internal quality attributes of the software)

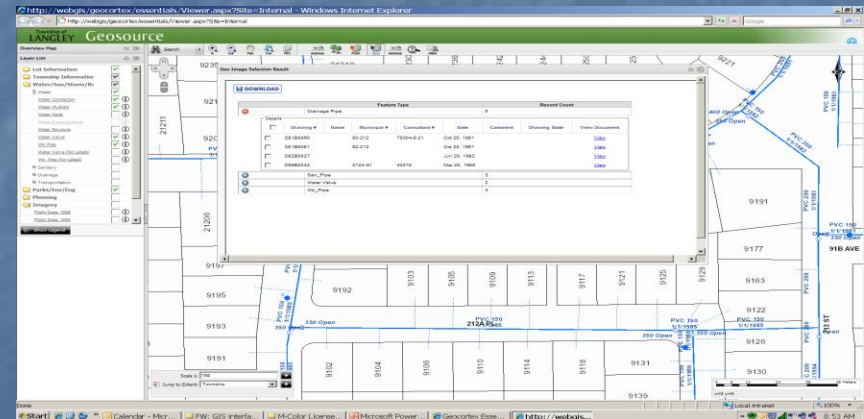
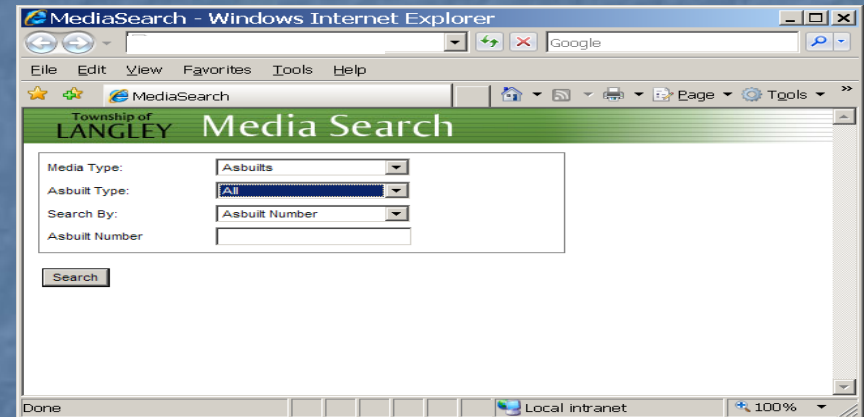
No more Band Aids and Stick Men



- Integration through IT Web based architecture and protocols
- Standardize Symbology
- Be creative in Symbolization
- Present information with least amount of interaction
- Be creative in application design
- Caveat – don't get stuck on the masterpiece like da Vinci

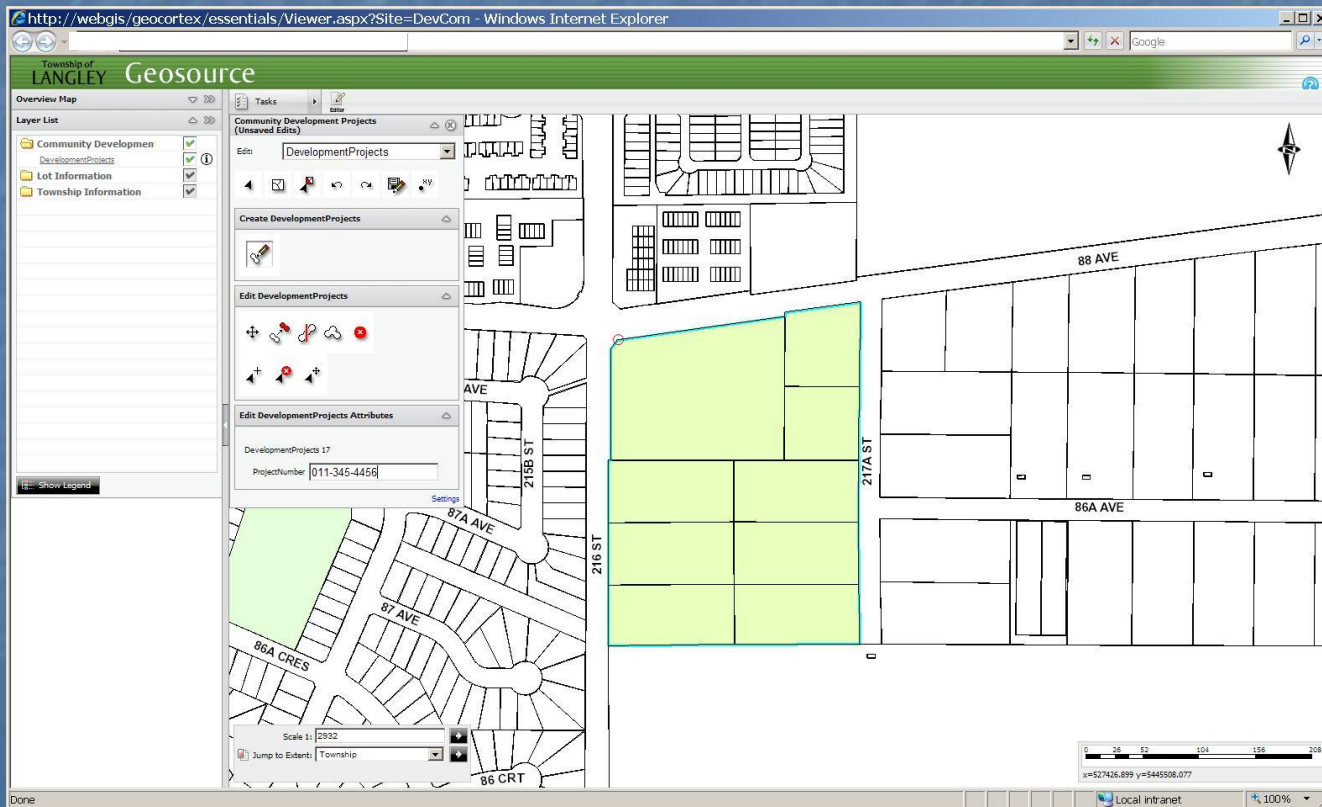
TOL Example – IT and GIS

- Media Search Tool
- Mechanism to search for media (asbuilts, CCTV – currently being standardized, legal etc) is a c# application
- Deeply integrate stand alone search tool and results to the GIS interface



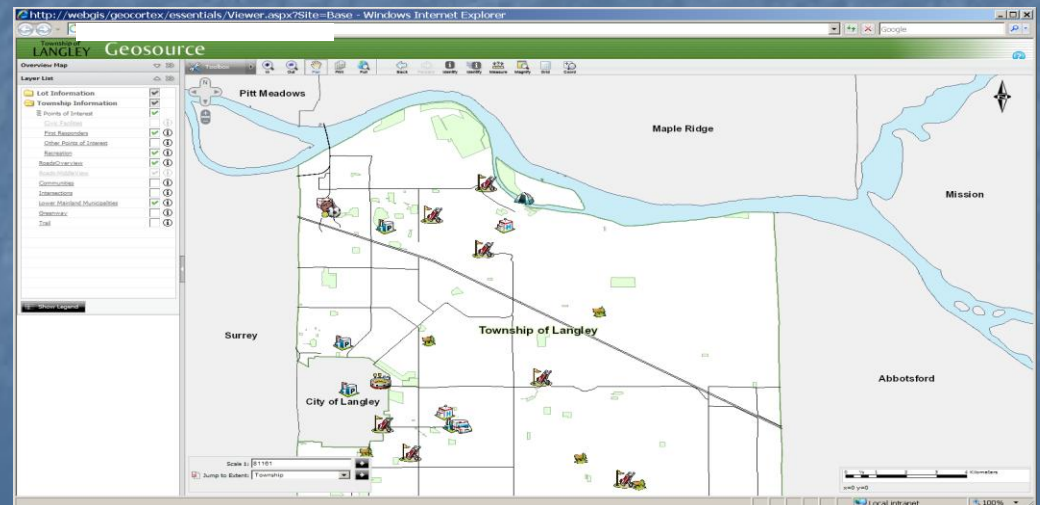
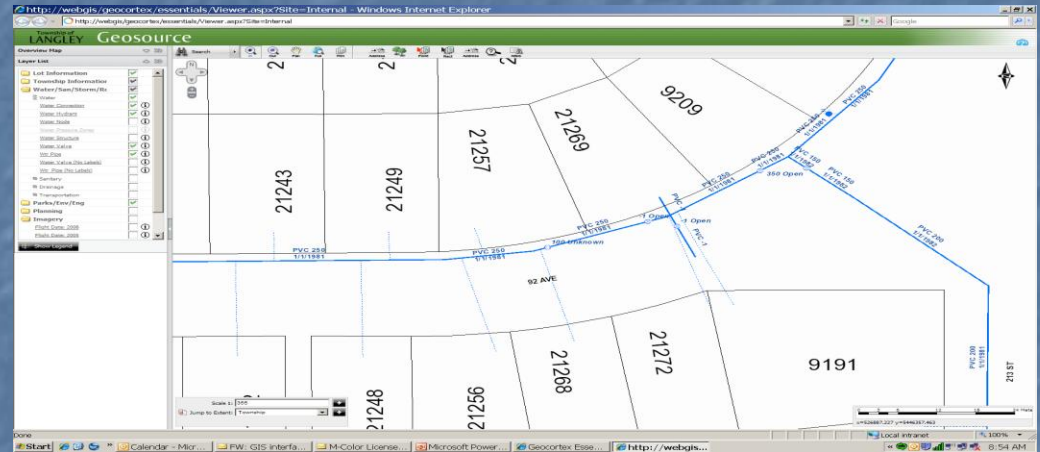
TOL Example – Easy to Add Functionality

- Simple Internal Web Mapping App – Data Editing



TOL Example - Symbology

- Use standard symbology throughout the organization (how about across organizations)
- Information appears when required
- On features where there is more freedom to symbolize... be creative



Future is to be Googlized? Resistance is Futile

- ~~GOOGLE search~~
- GEO-GOOGLE (already available via Google)
 - Location and Subject
 - Returns all geo-related maps/data as search results
 - Makes geomatics available to everybody – fluid, adaptable and flexible

Questions

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