ALTERNATIVE SEARCH MECHANISM FOR WEB 2.0 RESOURCES

DÍAZ, L. NÚÑEZ-REDÓ, M. GONZALEZ, D. GIL, J. ARAGO, P. HUERTA, J

Manuela Núñez-Redó
Web 2.0 Broker = Discovery service, which provides an interoperable end-point to multiple web 2.0 services
OpenSearch Geo-Time Specification

- Defines an interface for searching and retrieving capabilities
- Based on minimal input, which can be extended, among others, with spatial or temporal criteria
- Wide-spread: OS used already by different Web 2.0 services to expose basic discovery capacities
Web 2.0 Broker & Open Search Specification

- The W2.0B provides access to a set of Web 2.0 services
Extending SDI Architecture

- Entry point
- New discovery service
- Content
EUROGEOSS: Discovery Broker and Web 2.0 Broker Integration
EUROGEOSS: Discovery Broker and Web 2.0 Broker Integration
EUROGEOSS: Discovery Broker and Web 2.0 Broker Integration
Multidisciplinary USE CASE: Forest fire and resources monitoring. MIJAS Forest Fire

- **Client:**

- **Service:**

Multidisciplinary USE CASE: Forest fire and resources monitoring. MIJAS Forest Fire

Multidisciplinary USE CASE: Forest fire and resources monitoring. MIJAS Forest Fire

Multidisciplinary USE CASE: Forest fire and resources monitoring. MIJAS Forest Fire

Multidisciplinary USE CASE: Forest fire and resources monitoring. MIJAS Forest Fire

Multidisciplinary USE CASE:
Forest fire and resources monitoring. MIJAS Forest Fire

Multidisciplinary USE CASE: Forest fire and resources monitoring. MIJAS Forest Fire

Multidisciplinary USE CASE: Forest fire and resources monitoring. MIJAS Forest Fire

Integration Examples: eHabitat
Integration Examples: Forestry
Integration Examples: Forestry
Integration Examples: Forestry
Integration Examples: GeoWIKI

• Example from the prototype at vgi.geo-wiki.org.
• BBOX in SE Asia (Thailand). Flickr content in this BBOX tagged “nature”
Integration Examples: GeoWIKI

- Example from the prototype at vgi.geo-wiki.org.
- BBOX in SE Asia (Thailand). Flickr content in this BBOX tagged “nature”
Conclusions

- The exploitation of massive amount of Web 2.0 content could help complement official sources.
- W20B offers an unique entry point to query web 2.0 Services through OS Geo and Time specification.
- W20B design facilitates scalability.
ALTERNATIVE SEARCH MECHANISM FOR WEB 2.0 RESOURCES

DÍAZ, L. NÚÑEZ-REDÓ, M. GONZALEZ, D. GIL, J. ARAGO, P. HUERTA,

Manuela Núñez-Redó