WP4 Overview

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Outline

1. Overview

2. Activities from M0 to M6

3. Planning until M12
1 Overview

2 Activities from M0 to M6

3 Planning until M12
**WP4 Timeline - Present**

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- **D4.1.1** Initial release spatial-semantic exploration component (M12)
- **D4.2.1** Spatial authoring widget set (M20)
- **D4.3.1** Concept for public-private Co-Evolution (M20)
- **D4.4.1** Subscription and notification service (M20)
WP4 Timeline - Future

- **D4.1.2** Final release spatial-semantic exploration component (M26)
- **D4.2.2** Spatial curation interface (M30)
- **D4.3.2** Public-private Co-Evolution (M30)
- **D4.4.2** Open-social API for GeoKnow Generator (M34)
- **D4.5.1** Initial release of the mobile spatial-semantic visualization, exploration and authoring tool (M24)
- **D4.5.2** Final release of the mobile spatial-semantic visualization, exploration and authoring tool (M36)
- **D4.6.1** Quality assessment services for the GeoKnow Prototype for Exploratory Spatiotemporal Analysis (M24)
- **D4.6.2** Advanced GUI for GeoKnow Prototype for Exploratory Spatiotemporal Analysis (M32)
Outline

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Facete

- Generic faceted browser for HTTP SPARQL endpoints. Supports nested facets and client side pagination. No pre-processing necessary. Tested with up to 10K spatial objects. Goal is to get it to work on DBpedia and LinkedGeoData.
Challenge: Bridge from a developer view to an end-user one.
A set of widgets aimed at simplifying editing of properties of a set of resources.
Outline

1. Overview

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Starting tasks

- T4.2 Adaptive spatial-semantic authoring and curation (InfAI)
- T4.5 Mobile spatial-semantic visualization, exploration and authoring (IMP, InfAI)
Task 4.1 Spatial-semantic visualization and exploration (InfAI)
- Overall progressing well now.
- Planned features (ODP): Geo-path detection and suggestion, Customizable Facets, Perma-Links
- Planned features (LOD2): Heatmap View (x, y, intensity), Orri’s input.

Task 4.2 Adaptive spatial-semantic authoring and curation (InfAI)
- Facete’s “portlets” are inspired by the code base of the Widget Choreography (which in turn is based on jQuery-UI)
- Integrate the widget choreography
- Note: Support for batch/mass editing is target of D4.2.2 (M30)
  - But we should start thinking whether and how RDF transformation/enrichment components could be integrated, e.g. GeoLift (in the GeoKnow Git).
Task 4.3 Public-private spatial data co-evolution (Unister)
- Finally settle a telco to discuss scenarios with Unister

Task 4.4 Spatial social networking (Ontos, BROX)
- [...] first we integrate a subscription and notification service [...], which will enable users to subscribe to arbitrary information adhering to certain spatial or semantically defined filter criteria.
Mobile client and analytics

- Task 4.5 Mobile spatial-semantic visualization, exploration and authoring (IMP, InfAI)
  - Discuss whether / how Facete could be turned into a mobile app.
  - Currently I see it like this: Facete could be used as a Generation tool, which compiles either code or a config for a mobile client.

- Task 4.6 GeoKnow Prototype for Exploratory Spatiotemporal Analysis (IMP)
  - different levels of granularity
  - standard representation of data
  - special quality assessment services will be developed
  - spatial analysis of different statistical indicators → advanced GUI will be developed that will allow drill-down style online access to highly granular data
End - Discussion/Questions

http://geoknow.eu