AKTing for the Consumer

Knowledge management is all about delivering data to the right person at the right time and in the right format. Yet there are massive amounts of very valuable data stored in inaccessible databases, and written in machine-unreadable formats. The applications below attempt to unlock the potential of some of this data, and serve it back to the consumer.

Funded by the Office of Public Sector Information (OPSI) to demonstrate how Semantic Web technology can be used by government to unlock the potential of public sector information.

Show how information in existing government databases can be made available in scalable semantic knowledge bases.

Build no-frills, low-cost, ontologies to represent individual datasets.

Show how all the ontologies and knowledge bases can be mapped together to create an extended knowledge network.

Demonstrate what and where is the added value of using this technology.

Identify knowledge gaps between government agencies, and how such gaps can be filled using Semantic Web technology.

Increasing Public Awareness

A mashup as an example of added value: Camden’s Food premises database provides food hygiene check results, but it lack geographical coordinates.

This data can be mashed up with Ordnance Survey datasets to retrieve the missing information.

Result is a map with locations of food premises in Camden, coloured according to their total score of hygiene.