

A Wiki and SOA Endpoint for Rules in Open Vocabulary, Executable English

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There's a system on the Web that works as a kind of Wiki, and also as an SOA endpoint, for rules in open vocabulary, executable English.

As befits a Wiki, shared use is free. Just point a browser to www.reengineeringllc.com.

Since the rules are in English, Google indexes and retrieves them, acting as a kind of registry.

You can use your browser to specify applications in English, run them, and get English explanations of the results.

You can also use the system, Service Oriented Architecture style, as an advanced knowledge processing endpoint on the web. Please see www.reengineeringllc.com/iblClient1.java.

Examples that you can view, run and change in a browser -- or using your own SOA software -- include: Interoperability, FEA-RMO, End User Level RDF Querying with Explanations, Merging of Ontologies, Risk Analysis, Querying and Checking Taxonomies, Knowledge Based Data Mining, Business Intelligence, and Oil Industry Supply Chain Management. The demo will include some of these.

Unlike other Natural Language and Reasoning systems, this one does not need dictionary or grammar maintenance, yet the English and data semantics are strict. This is achieved via a trade off -- if an author wants the system to regard two different English sentences as having the same meaning, he or she must so state.

From a specification in the form of rules in English, the system can generate and run distributed networked SQL queries that would be too complicated to write reliably by hand, and it can explain the results, in hypertexted English in your browser, at the business or scientific level. You can also use the system to generate and capture complex SQL that you can then use elsewhere. Please see www.reengineeringllc.com/internet_business_logic_FAQs.html.