THESEUS Texo

Business Webs in the Internet of Services

Motivation

• The second generation of web-based communities and hosted services (Web 2.0) has changed the ways software developers and end users are using the Internet
• Old problems of management and search on that information remain
• New tools are necessary which create the possibility to semantically annotate content and structures

Goal

• Provide businesses with an infrastructure for new web-based applications and services
• Company- and domain-independent solutions
• Create a flexible, semantics-driven interface between service providers and their customers
• Consider technical, economical, and legal aspects

Architecture

• UIMA based components wrapped into web services for integration with other partners
• Semantic service discovery using general-purpose knowledge sources
• Community mining uses statistical methods to identify opinion targets. Opinion words are found on the basis of a large lexicon

Results

• Components for detecting subjective, evaluative utterances in unrestricted text
• Components for semantic service search over standard WSDL files

Publications


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