

EXPECTED o UTCo ME

We will develop process methodologies and incentive models for the creation of semantic data for different types of Web sources jointly exploiting human intelligence, community effects and automatic machine processing. These findings will allow us to develop a tool suite for authoring semantic content: ontologies, semantic annotations for textual resources, multimedia and Web services.

CASE STUDIES

The PGP case study:

Computer-animated virtual worlds

Media producers and companies face the lack of reliable metadata for the huge collections of assets they produce. In this case study, we will apply incentive methods to the virtual world “Tiny planets” to semi-automate the creation of descriptive metadata.

The seekda case study:

online marketplace for Web services

The lack of rich descriptions beyond their current syntactical interface hampers the automatic retrieval of Web services on the internet. The case study will apply INSEMTIVES technology to facilitate user-provided annotation of Web services.

The Telefonica case study:

Corporate Knowledge Management

In corporate environments, important information is often lost. Okenterprise is a social network for corporate knowledge management in Telefonica. We will apply INSEMTIVES technology to this network in order to generate and share new knowledge among co-workers.

PARTNERS



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MISSION

The objective of INSEMTIVES is to bridge the gap between human and computational intelligence in the current semantic content authoring R&D landscape. The project aims at producing methodologies, methods and tools that enable the massive creation and feasible management of semantic content in order to facilitate the world-wide uptake of semantic technologies.

IN A NUTSHELL

WHAT

Bridging the gap between human and computational intelligence. Providing incentives for users to contribute to semantic content creation.

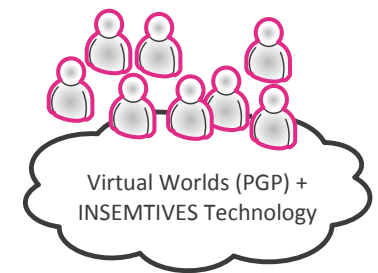
WHY

A critical mass of machine-understandable data is still missing and the natural limitations of automation in semantic content creation-related tasks are hampering the uptake of semantic technologies. Applications do not provide incentives and motivation for users to engage is manually creating this data.

HOW

INSEMTIVES optimally combines research with development and applications. The foundations are methods and guidelines facilitating semantic content creation in an incentives-driven manner. They underly the INSEMTIVES platform (backend) and various end-user tools for semantic content creation (front end). These technology components are used in three real-world case studies.

Applications

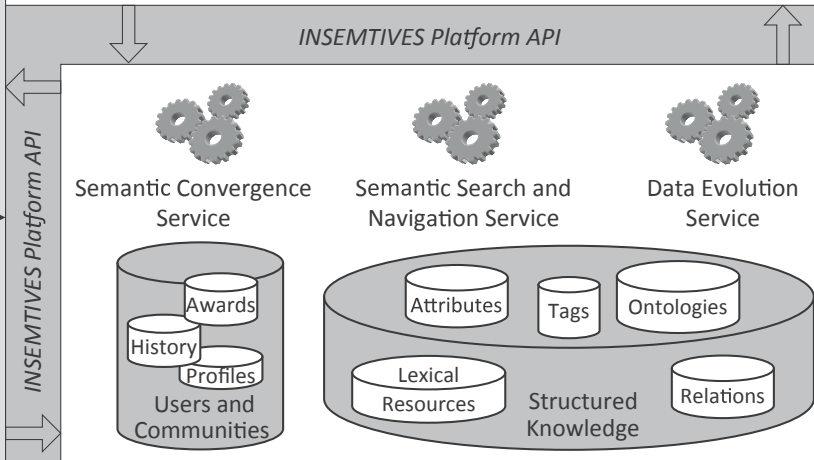


INSEMTIVES TECHNOLOGY

INSEMTIVES Toolkit (Frontend)



INSEMTIVES Platform (Backend)



INSEMTIVES Methodologies, Methods, and Guidelines

