

Fostering Social Technologies sharing through open Knowledge Space: a Brazilian case study of Knowledge Network

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Agenda

- Introduction
- RTS
- Guigoh
- Conclusion

Introduction

- **Centrality of information** and knowledge is no longer the means for the information society to generate knowledge or produce and distribute new goods and service
- Knowledge is considered the **driving factor for the economical, cultural and political growth** in contemporary societies.
- Information and communication technologies have an effect on **coordination, communication and control** in all societal networks and communities.
- The objective of this work is to **share an experience about the adoption of Information and Communication Technologies (ICT)** in order to support knowledge networks focused on disseminating technologies and experiences for socioeconomic development in Brazil.
- Background: *Projeto Cultura Digital* (Digital Culture Project) that had the intention of **encouraging people to register and share** their local cultural expressions to make their community stronger and sustainable

Redes de Tecnologias Sociais (*Social Technologies Networks*)

- Social Technologies are considered products, techniques and methodologies that are **replicable and developed in interaction with local communities** and that represent effective solutions for social transformation
- The adoption of *Guigoh* OKS by RTS intends to amplify the **possibilities of sharing and searching of solutions** by stimulating the members to publish their technologies
- RTS knowledge community **runs over a customized version** of *Guigoh*

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Agendas

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Sobre o autor
Nome: João Pedro Almeida
Instituição: Nome de Instituição
Endereço:

Sobre a Tecnologia Social

- > Tema: Nome do tema
- > Qual é o problema enfrentado pela Tecnologia Social?
- > Quais são os objetivos principais dessa Tecnologia Social?
- > Descrição da Tecnologia Social.
- > Ambiente favorável à reaplicação dessa Tecnologia Social.

Comentários

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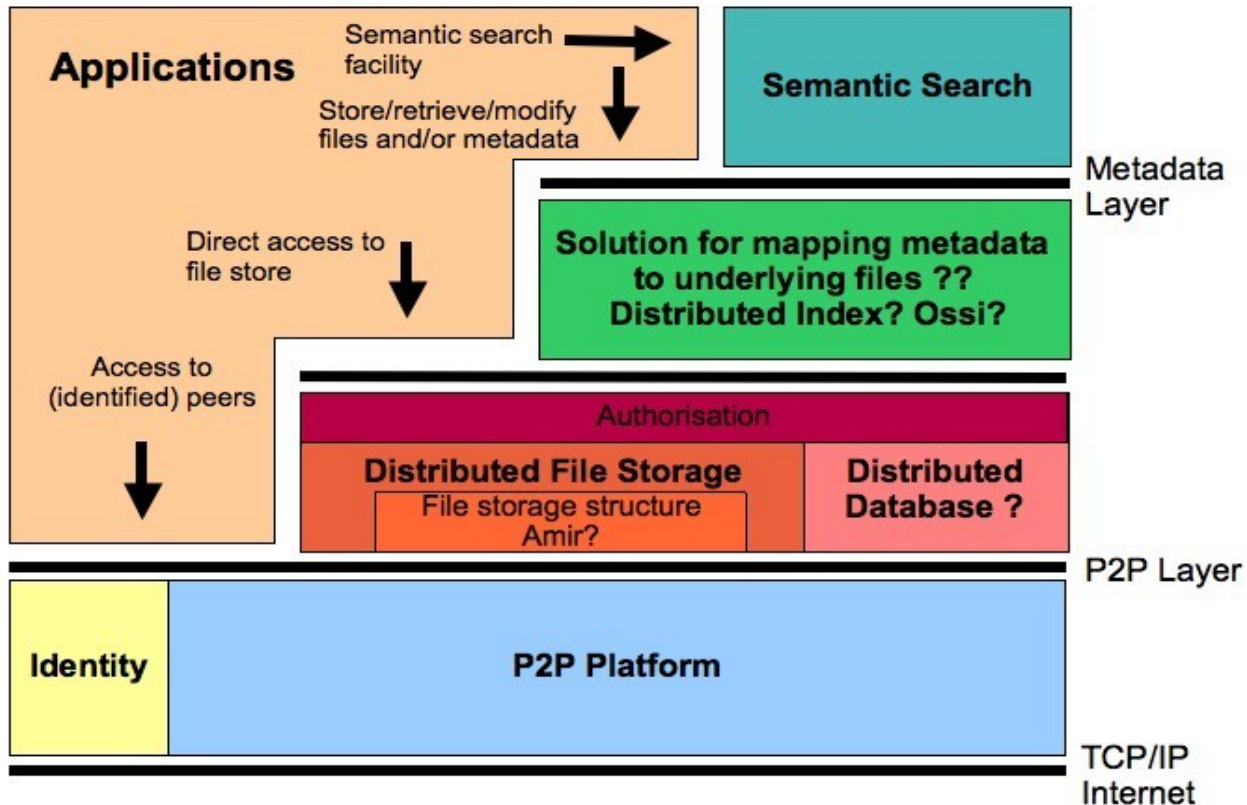
Social Technology home page

Guigoh OKS

- **Easy to use** and a complete environment for knowledge sharing and management
- Offers **four main tools**: Document Editing; Conference; Multimedia Publishing Environment; Social Network Analysis
- Incorporate OPAALS outcomes and some new tools (blog, georeferencing, discussion lists, SAC)
- **Built on top of a social network system** developed by IPTI team, called Primata
- Developed in **Java**
- All services are accessed through the Representational State Transfer (**REST**) architecture and the requests are responded using **JSON** syntax
- Uses technologies: JSP, AJAX, and PostgreSQL database
- **Supports the principles and goals of Digital Ecosystems**, except for the non single point of failure / control one

Initial OKS Architecture Diagram

Based on computer science discussion after the OPAALS review.



Final DE Architecture Diagram

Conclusions

- The main business benefits of this project is the perspective of **improving social and economical development** by a process of a network stakeholders sharing their innovative solutions generated to face local problems
- RTS is a very **active knowledge network** it is expected that the web environment can quickly became active, including Latin America
- The intention of this project is that this system **will be able to be adopted** by open projects focused on building knowledge communities.