



GSIS Seminar

Date : September 27 (Monday), 2010 14:00 ~ 15:30

Place : The middle of lecture room, 2F,

Research Building of Information Science, Tohoku University

6-3-09 Aza-Aoba, Aramaki, Aoba-ku, Sendai 980-8579

Sponsored by : Advanced Information Sharing Technology KDDI endowed)

Applied Information Science,

Graduate School of Information Science

Co-sponsored by : Global COE Program

“Center of Education and Research for Information Electronics Systems”

Participation Fee : Free (Note: Pre-registration is not required.)

Lecture : Dr. Jans Aasman (President and CEO, Franz Inc.)

Title :

Using an RDF Triple Store in the Enterprise and in the Linked Open Data cloud

Abstract

Initially Semantic Web databases were primarily used for analytics. Users would dump data in their RDF database and then perform interesting analytics with rules, reasoners, and query languages like SPARQL. Nowadays enterprises are starting to consider RDF triple stores in their primary processes and they are rightfully worried about transactionality, recoverability, automatic backup, replication, automatic failover, concurrency, and more. Even more important, for many applications they need a steady stream of intermixed additions, updates, deletes and queries.

In this presentation, I will first cover how modern triple stores deal with all these issues. Then I will discuss use cases from several domains: CRM, Telecom, Finance and the Pharmaceutical industry. Finally I will discuss how triple stores deal with the new and upcoming Linked Open Data cloud. I will give various demos during my presentation, covering both enterprise and linked open data examples.

Biography:

Dr. Jans Aasman, Franz's President and CEO, a longtime customer, joined Franz from TNO Telecom based in The Netherlands. His previous experience and educational background include:



- KPN Research, the research lab of the major Dutch telecommunication company.
- Tenured Professor in Industrial Design at the Technical University of Delft. Title of the chair: Informational Ergonomics of Telematics and Intelligent Products.
- Carnegie Mellon University. Visiting Scientist at the Computer Science Department of Prof. Dr. Alan Newell.
- Researcher at the Traffic Research Center of the University of Groningen (The Netherlands).
- Experimental and cognitive psychology at the University of Groningen, specialization: Psychophysiology, Cognitive Psychology.
- Bachelors title Philosophy.