



# 情報科学研究科講演会

- 日時： 平成 22 年 9 月 27 日（月） 14:00 ～ 15:30  
会場： 東北大学大学院情報科学研究科 情報科学研究棟 2F 中講義室  
〒980-8579 宮城県仙台市青葉区荒巻字青葉 6-3-09  
主催： 東北大学大学院情報科学研究科 応用情報科学専攻  
先端情報共有技術論(KDDI)寄附講座  
共催： GCOE プログラム「情報エレクトロニクスシステム教育研究拠点」  
参加費： 無料、事前登録不要

講師： Jans Aasman 博士 (President and CEO, Franz Inc.)

演題：

## Using an RDF triple store in the enterprise and in the linked open data cloud

### <概要>

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.

<略歷>:

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.