Reflection on Research Method to Study Architecting Methods

by Gerrit Muller        Buskerud University College

  e-mail: gaudisite@gmail.com
  www.gaudisite.nl

Abstract
The difficulties of doing scientific research on architecting methods, where many soft issues play a role, are shown. The importance of creating a scientific base is discussed.
The original research question, mostly soft

What **architecting methods** enable the creation of successful products in a dynamic market developed in a heterogeneous industrial context?

- satisfied customers
- thriving business
- in time within economic constraints
- uncertainty rules
- need for innovation
- agility required
- some poor,
- some excellent,
- mostly average

- normal distribution of engineering skills
- hard
- technology and software intensive
- views, stakeholders, applications, concerns, needs, expectations, interests
- functions, features, qualities, requirements, systems, technologies, standards, disciplines
- suppliers, sites, cultures, employees, educations, tools, legacy, other vendors, legislation
- soft