A methodology for business services development and composition
Tai Nguyen, Manuel Kolp, Yves Wautelet

Problems

Business service composition scenarios
- The simple case: provider-based composition
- The intermediate case: client-based composition
- The advanced case: dynamic service composition

Limitations of actual solutions
- Fully functional composition (that we call the complete service composition)
- Do not pay attention to the global organizational architecture
- Only consider business services as whole architectures
- Have limited number of service composition

Agents and their benefits
- Agent: individual who can act autonomous, proactive, adaptive within its environment
- Software agent
- Multi-agent system
- Organizational Architecture Styles
- Agents and their benefits

Research goals

Applying agent technologies, we aim at introduce a new approach for service composition, called the service service composition, in which the requester can use only some services of business services in its composition. With this approach, we can have more compositions in comparison with the complete service composition from the same number given of business services. This approach will also pay attention to the global organizational architecture of the future system.