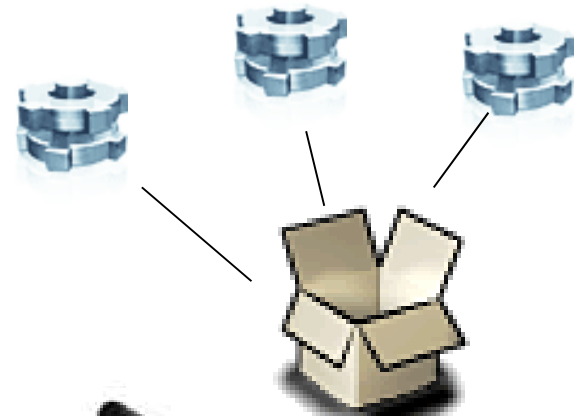


Pascal Bihler

Master Research Area

Service Description

- Distribution
- Management
- Content
- Meaning



Service Adaptation



Service Descriptions - Syntax

Distribution

- Different algorithms considered
 - Simple Flooding
 - Sparse Flooding
 - ...
- Experimentations needed to compare them

Management

- How to store the information in the pervasive system?

Service Descriptions - Semantic

Content

- What to store for which service?
- What do we really need, what not?

Meaning

- How to work with the service descriptions?
- Ontologies (OWL)
 - How to use them in a distributed network?

Service Adaptation

- How can a service adapt itself (it's interface) to the needs of another?
- Which common rules must exist?
- Which techniques do already exist?
- What is possible, what not?