



NEXOF-RA and semantics

Networking Session

Software-as-a-Service: On the Future of Semantics in SOA

Lyon, 25-27 November 2008

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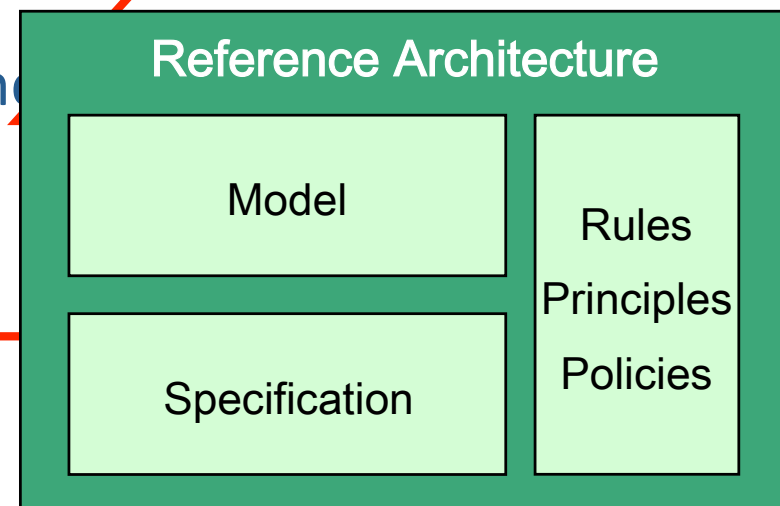
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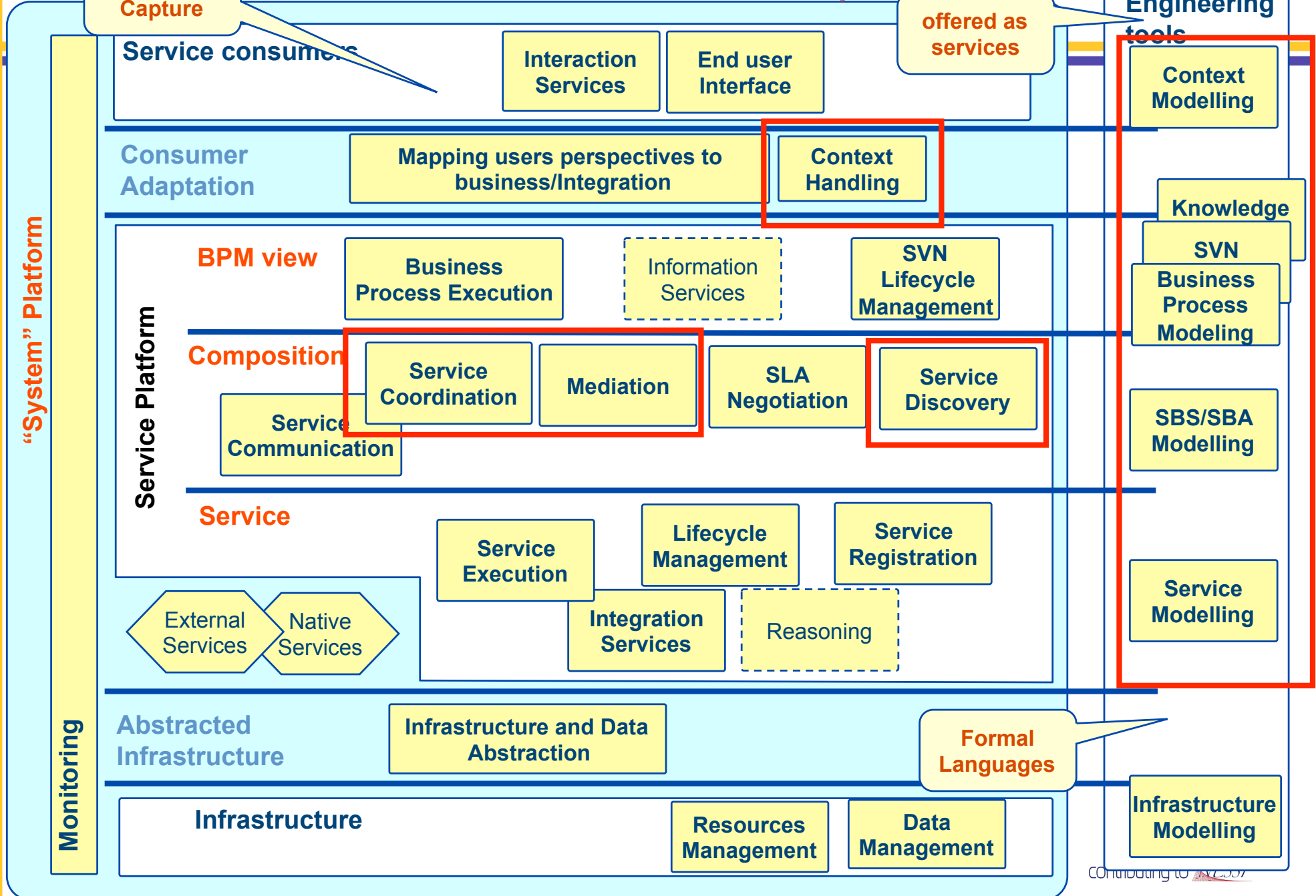


NESSI Open Service Framework

- Open Reference Model
→ Concept and Principles
- Open Reference Architecture
→ Standards
- Open Reference Implementation
- Conformance Test Suite
- Validation of NEXOF instances
- Proof-of-concept
- NEXOF Roadmap

NEXOF-RA





- **Core Service Framework Area**
 - Service Description (Piero) → 31
 - Design Time Service Composition (Yosu) → 35
 - Service Discovery (Yosu) → 33
 - Interoperability of Message-Based Service Interaction (Katharina) → 16
- **User Interaction Area**
 - Declarative Authoring Language for User Interfaces (Nikolaos) → 10
 - Context Model and Universal APIs (Jose Manuel) → 20
- **Infrastructure Area**
 - Definition of Infrastructure Services (Mike) → 32
- **Security Area**
 - Dynamic identity management for SOA (Pascal) → 13
 - Privacy Management in SOA (Daniel) → 10
- **Quality of Service Area**
 - Scalable Approaches to Service Oriented Infrastructures (Ricardo) → 25
 - Highly Availability for Multi-Tier Architectures (Ricardo) → 11

- Semantic description of non-functional aspects
- SLA and service negotiation
- Functional and non-functional characteristics of infrastructure services
- Access rights framework based on semantics
- Behaviour analysis and dynamic security in SOA