

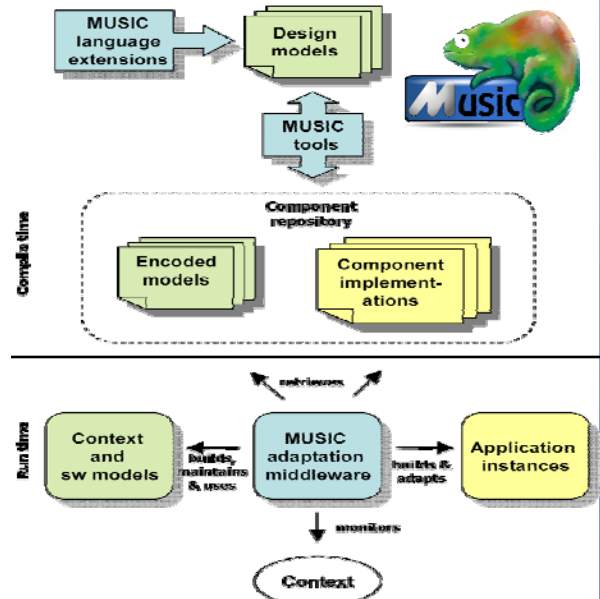


MUSIC

Self-adapting Applications For Mobile Users in Ubiquitous Computing Environments

- Addressing The Paradigm Of “Any Network, Any Device”
- Provide Open Platform To Develop Mobile Applications:
 - Context-aware
 - Self-adapting
 - Inherently Distributed
 - Aimed At Mobile Users
 - Secure And Trustworthy

Architecture Outline



FP6 Partners



Impact & Ongoing Evolution

- Increased Productivity For Developing Self-adapting Software
- Computing Resource Optimization
- Autonomous Runtime Services
- Increased End-user Satisfaction
- Open Source Strategy:
 - Establishment Of Community
 - Ensures A Continued Uptake



Open Platform Solution

- Context-awareness
 - Modeling, Sensing And Reasoning
 - Extending Context Ontologies
 - Creating UML Profiles
 - Dealing With Context Aging
 - Coping With Ambiguity & Uncertainty
- Adaptation Middleware Design
 - Support For Dependability
 - Adaptation Planning
- Model-driven Development
 - Methodology
 - Modeling Tools
 - Transformation Tools

