Adopting Industry Proven Best Software Development Practices in Agent Oriented Development

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Agile Tropos: a Goal-Driven Software Development Process

Goal Design

Goal Implementation

Requirements Analysis and Business Modeling

Agent Orientation

A Lakatosian Research Program
- Agent: individual who can act
  - Autonomy, pro-active, adaptive
  - within & environment
- Software Agent
  - Environment: humans, machines, other software
  - Implemented within software technologies
  - agents, platforms.

Agent Rationale Characteristics
- Human beliefs, perceptions, understanding of the world
- Beliefs: collection of encoded world knowledge
- Goals or desires
- Intentions: executing plans

Risk & Quality Management

Time Management

Analysis Models Edition

Design Models Edition

Process Tailoring

Process Improvement

DesCartes Architect: a Fully Integrated CASE-Tool for Agile Tropos Application Development

CARSID: Steel Industry