NOMADS: Mobility Support for the CoABS Grid

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Description:
- NOMADS Provides Mobile Agent Services for the CoABS Grid
- Supports Strong and Forced Mobility
- Supports Resource Control and Strong Security
- Supports Interoperability of Mobile Agents through GMAS (Grid Mobile Agent System)
- Integrates with KAoS to Provide Policy-based Control
- Provides the Aroma VM as an Experimental Platform

Results:
- Mobility Experiments Show Benefits of Mobile Agents
- Resource Controls Protect Against Denial-of-Service Attacks (CoAX 2000)
- Strong Mobility Improves Survivability of Agents (CoAX 2001)
- Interoperability Allows Disparate MA Systems to Exchange Agents (CoAX 2002)

Future:
- Apply in Military Domains / Contexts
  - FBEs
  - Army FCS
  - NAVSEA CSS
- Enhance FlexFeed Architecture
- Evolve NOMADS System into an Agile Computing Platform
- Enhance Aroma VM
  - Performance
  - Capabilities