Enterprise

A framework for enterprise modelling & integration

**Description:**

- Major UK initiative to promote use of knowledge based systems in enterprise modelling.
- Enterprise Toolset developed to support:
  - Capturing aspects of a business;
  - Planning of user tasks based on procedures;
  - Execution of process models;
  - Integration of off-the-shelf tools;
  - Standardised representation & communication.

**Further work:**

- Lloyds Register uses the Enterprise toolset for more effective modelling and re-engineering of business processes for strategic planning.
- Unilever used the toolset within its R&D activities.
- IBM UK used the Enterprise ontology in modelling its own internal organisation.
- The conceptual approach was carried forward into the Task-Based Process Management research project.

**Results:**

- Procedure Builder for capturing process models.
- Task Manager for integration, visualisation, and support for process enactment.
- Agent Toolkit to support development of agents in an agent-based architecture to support integration of COTS tools.
- Enterprise Ontology for standardised representation & communication.
- Bid Manager demonstrator developed jointly with Pilkington Optronics.

The Enterprise Procedure Builder

The Enterprise Task Manager