**CoAKTinG**

**Collaborative Advanced Knowledge Technologies in the Grid**

### Description:

- Support e-Science collaboration by integrating tools for & demonstrating utility of:
  - Intelligent task-orientated messaging, collaborative planning, issue, activity and constraint management;
  - Peripheral awareness of the online presence, availability, attributes and location of colleagues, documents, & devices;
  - Real time conversational mapping of meetings, providing shared visual focus and group memory capture;
  - Multimedia meeting mark-up, replay & navigation.

### Further work:

- **BuddySpace**: Automatic maps, personal profiles, matchmaking services, zones of trust.
- **I-X**: Enrich exchange of concepts between I-X and Compendium and links between I-Space and BuddySpace to develop a ‘meeting ontology’.
- **Deal with issues supporting temporal, dynamic, and distributed resources**
- **Symbiosis with other ontologies and project**.
- **Inform meeting mark-up and personal presence using Smart Spaces (personal knowledge devices, etc.).**

### Goals and technologies:

- To integrate multiple modes of collaboration.
- To enable replay of recorded and asynchronous meetings, navigated using process and issue-based ontologies.
- **BuddySpace Instant Messenger (KMi/OU)**.
- **Compendium** for real time conversation mapping (KMi/OU).
- **I-X Process Panels/<I-N-C-A>** for task-oriented messaging, planning and management (AIAI, Edinburgh).
- **HyStream** for multimedia mark-up (IAM/Southampton).

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**AIAI, Open University and University of Southampton**

http://www.aiai.ed.ac.uk/project/coakting/