CoAKTinG
Collaborative Advanced Knowledge Technologies in the Grid

Description:

- Support e-Science collaboration by integrating tools for & demonstrating utility of:
  - intelligent task-oriented 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.

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).
- HyStream for multimedia mark-up (IAM/Southampton).

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.).