

# 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.

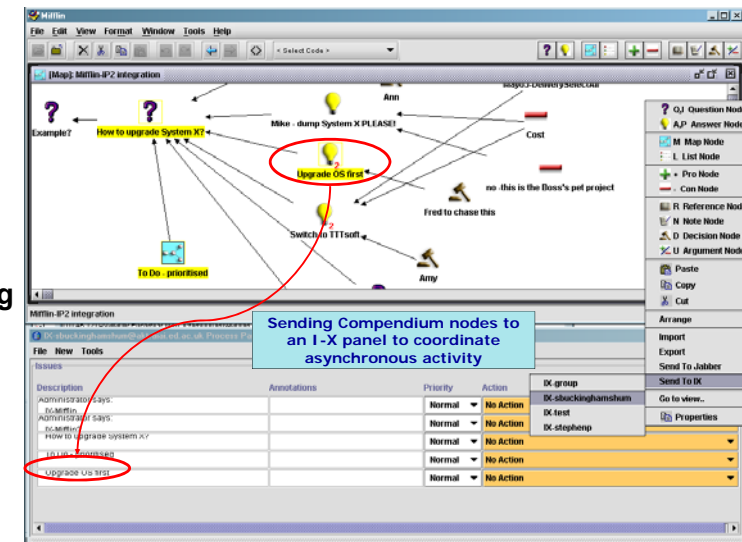
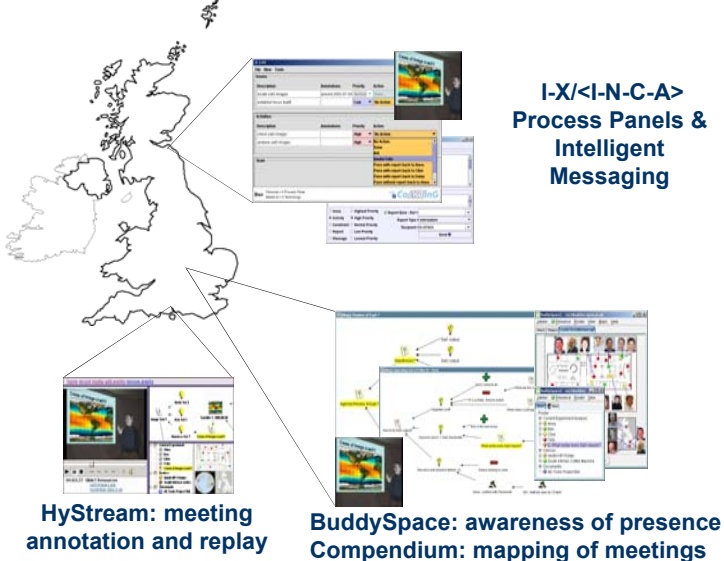


### Further work:

- ◆ 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).



AIAI, Open University and University of Southampton  
<http://www.aiai.ed.ac.uk/project/coakting/>

