

Shared visualisation and virtual environments for co-operative learning



Collaborative Virtual Environments

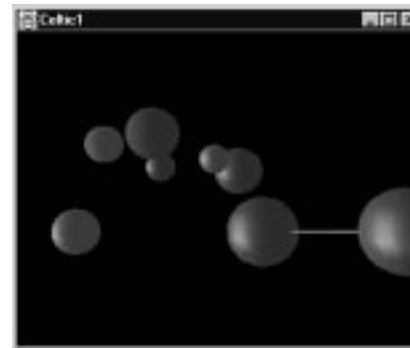
Information Visualisation

Educational Applications

use of 3D facilities to improve information visualisation for sharing workable knowledge representations as a collective artefact construct

main research for the PhD:

- model a workable set of parameters to represent useful knowledge representations, for an information visualisation design that use 3D facilities;
- develop an usable set of 3D symbols to serve as demonstrators for supporting the 3D information space as an information visualisation design;
- select an application where the Celtic system can be tested. The model will set-up a learning environment to support / generate workable knowledge representations as information visualisations;
- use an enabling set of technologies to prototype the 3D information space for (i) individual control and (ii) for sharing by several users.

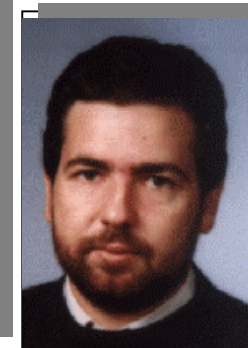


a screenshot of the information visualisation part I (Java3D)

Information Visualisation
Collaborative Virtual Environments
Open and Distance Learning
Technologies for Education Support
Telecommuting and Telework
in general, techs & apps for reinventing time-space constructs

Technologies

Java
Java 3D
Java RMI
Web support



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