

A Semantic Web-Based Rich Media Groupware Solution for Collaborative Product Development

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With the adoption of Semantic Web techniques and Web 2.0 tools in global organisations such as BAE Systems, employee interaction with content and collaboration with other users will become increasingly important.



Research Aim

The aim of this research is to develop rich media archiving and retrieval groupware with interoperable functionality to facilitate collaborative product development in a global enterprise environment.

Research Objectives

The step-by-step research objectives are:

1. Assess the need and opportunities for a rich media archive and retrieval groupware within the business
2. Complete a survey to acquire the in-depth knowledge to design an effective prototype
3. Assess and confirm that the concept and prototype will make an original contribution to Industrial practices and academic learning
4. Design, develop and evaluate the working prototype
5. Demonstrate and introduce the Rich Media Archive and Retrieval system to agreed users
6. Evaluate the system with the industrial collaborators and disseminate the results of the research to academics and industrialists