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Aims:

- Building a distributed system for dynamic information search, organization and classification. Integration of information from multiple information systems.
- Interaction of different members (learners, tutors, teachers, content producers).
- Orient learners, within the subject domain, to build up their own understanding and conceptual association with value-adding activities.
- Achieve a new multidimensional of understanding.

Integrate knowledge and have information visualization

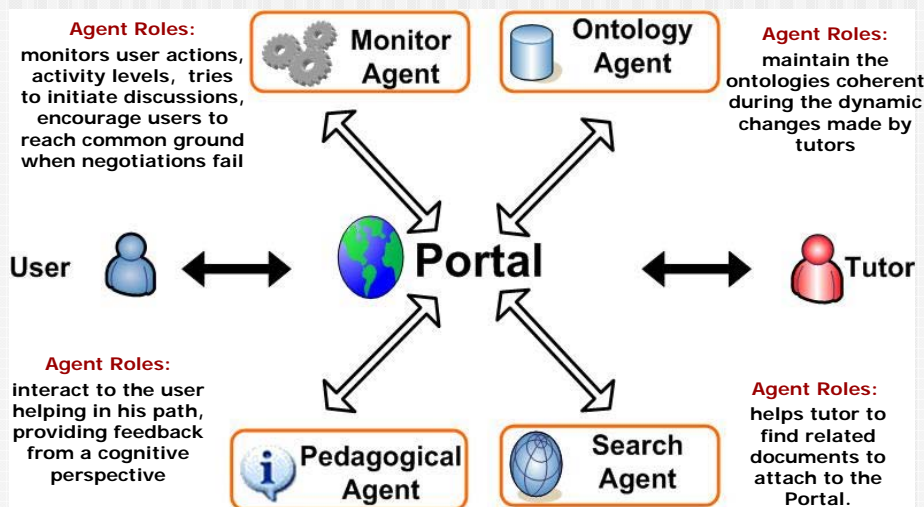
Methodology:

Technology
 Software agents.
 Ontologies.
 XML,RDF,OWL.
 Concept maps.

Semantic Web interoperability
 Web search for information retrieval.
 Reuse learning contents available in autonomous and heterogeneous information systems.

Cognitive
 Based on social constructivist theory.

High-level Architecture:



Future work:

- Building the system using rapid prototyping
- Organize information in a user and knowledge perspective
- Evaluating its effectiveness, usefulness and value proposition
- Deep analysis and bed tests
 - Reach critical mass

Additional information:

<http://paginas.fe.up.pt/~prodei/comic06/p10.pdf>