Abstract

With the advancements in the fields of computing, communication and control, the collaborative e-Learning services are rapidly gaining popularity all over the world. Today, we have tools and technologies that enable rapid design and implementation of many of the abstract ideas/concepts needed for the successful realization of such services. The collaborative e-Learning services can be categorized as generalized services or need specific services. While it is easy to construct need specific services with the help of sophisticated tools available today, it is increasingly complex to build generalized collaborative e-learning services. Among many of the challenging issues present in the design and implementation of generalized services, the major ones are e-Resources discovery, scheduling, security and overall management and administration. This paper presents a grid based resource management model for generalized collaborative e-Learning environments. The model
proposes ways to discover, store, extract, protect and manage e-Resources in an effective and interoperable way. The implementation is going on in open source technologies using Linux, Apache, MySQL and PHP.

Reference

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Index Terms

Computer Science  Distributed Systems

Key words
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e-Resource discovery

security and management