Seeding the Ideas of Cloud Computing in Libraries

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Abstract

The initial hype of any development can eclipse its practical applications. The present paper aims to foster discussions and issues on Cloud computing from libraries purview. Although a lot of work has been done on Cloud computing yet none of the works has been dedicated to the cause of libraries. The paper deals with intellectual challenges over Cloud computing, debate revolving around the Cloud element of Cloud computing, Cloud models and the implications of Cloud computing in the libraries.

Keywords

Cloud; Cloud computing; Cloud models; libraries; library Cloud initiatives

Full Text:

Distributed Computing for PCL. We are looking for an expert to adapt some of our algorithms to run on a cluster. We are thinking of using technologies such as Hadoop, or any other open-source implementations of distributed computing libraries. The end result should be a cluster of machines running point cloud processing services such as large dataset registration, feature extraction, object recognition etc. This is a rather involved project, and expertise in the field of distributed computing is necessary. We recommend to discuss with the GSoC mentors on the mailing list for a more in-depth v Cloud computing is an emerging paradigm computing concept that enables both information technology infrastructure and software to be delivered directly over the internet as a service. List of Niche ideas Within the Cloud Computing Business That You Can Specialize in. Cloud computing as a whole is a hosted infrastructure; it uses the internet in order to deliver IT services, thus eliminating capital expenditure (CAPEX) on infrastructure. It also helps in ensuring consumption-based billing, and is witnessing increasing adoption in a number of end-use sectors including government organizations. This is expected to be the key driving force for the market in the coming years. Cloud Computing is a very broad, and often misunderstood, topic. There are numerous applications of Cloud Computing for personal use and in libraries that many of us already take advantage of. This presentation will give a brief introduction to the idea behind Cloud Computing and offer some examples of ways for libraries to take advantage of its power.Image Credit: http://www.flickr.com/photos/20353608@N04/3081046647/. So, what is cloud computing? Well, I like to think of it like a lump of clay, or really play-dough....