Migrating Legacy Databases and Applications

Panel Discussion

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Over the next few decades a significant portion of current databases and applications could become obsolete. These databases and applications have to be migrated to new architectures and systems to take advantage of state-of-the-art hardware and software. Recently an evolutionary approach to legacy systems migration is being proposed. That is, the legacy systems are migrated incrementally subsystem by subsystem to new platforms. At the same time the migrated system has to interoperate with the legacy system until all of the components are migrated.

While significant developments have been made in legacy system migration, there are several challenges. The panelists will examine the developments as well as discuss the difficulties in migration. The use of object technologies including distributed object management systems and frameworks, replication technology, infrastructures, as well as the use of gateways will be discussed.

The panel consists of experts both from industry and academia. The goal of this panel is to identify the developments, challenges, as well as interesting research problems in legacy system migration.