

## A Software Bus Based on the Grid Computing

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### ABSTRACT

Grid computing removes the fixed connections between applications, servers, databases, machines, storage – every component of the grid. By treating everything in the grid as a virtualized service, grid computing can optimize resource utilization and responsiveness. However, the great advantage of grid computing can also be used to offering high quality services to the great number of users in the Internet, that is SBG—A Software Bus based on the Grid Computing. This paper states the basic characters of SBG, describes its basic constitutes, its work modes, and its basic data structures.

**Key words:** grid, Internet, software service, SBG, MSC