Abstract

Orchestrator is a middleware which coordinates the sequence of execution of distributed tasks. Numerous Orchestrators are available for different applications. A composite Orchestrator for the orchestration of matrix operations, robotic tasks and control systems is does not exist. The paper proposes the design and implementation of a composite Orchestrator. The proposed Orchestrator is orchestrating matrix operations, robotic tasks and tasks in control systems. It is implemented as a super class of the different Orchestrators. Multithreading and RMI in Java is used to implement the Orchestrator.

References

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**Index Terms**

Computer Science

Information Science

**Keywords**

Orchestrator matrix operations robots NCS.