

Distributed Mutual Exclusion Algorithms: A Comparison of Central Server, Ring Token and Multicast

COMPSYS 725: Distributed Cyber-Physical Systems

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Index Terms—central server, ring token, multicast, mutual exclusion, distributed systems

I. MUTUAL EXCLUSION ALGORITHMS

A. Overview

Some algorithms do some things other algorithms do other things.

B. Central Server

C. Ring Token

D. Multicast

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II. COMPARISON OF ALGORITHMS

TABLE I
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REFERENCES

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- [1] George F. Coulouris, Jean Dollimore, Tim Kindberg and Gordon Blair, "Distributed Systems: Concepts and Designs", 5th ed, Boston, Massachusetts, Addison-Wesley; Pearson Education, 2011, pp. 41-49.