分布式数据库控制协调体系结构的研究与实现

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摘　要：应用协调学相关理论，针对分布式数据库系统的控制协调，给出一种基于内存缓存、面向执行实体的协调模型 EOCC(Executing Entity Oriented memory Cache based Coordination model).该协调模型支持用户配置和自定义规则，有更好的灵活性、动态性、自适应性和可配置性.并实现了基于该模型的协调软件开发框架 CSF(Coordinator Software Framework)，从而验证了模型的正确性.最后，给出系统更新协调过程的实例及与其他协调模型的比较.

关键词：分布式数据库；实体；软件框架

Research and Implementation on the Control-Coordination Architecture of Distributed Database

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Abstract： Aiming at coordination of executing entity of distributed database, a coordination model named EOCC(Executing Entity Oriented memory Cache based Coordination model) is put forward based on coordination theory. This model supports user configuration and customized rules, which is more flexible, dynamic, adaptive and configurable. And CSF (Coordinator Software Framework) is realized based on the model so that the correctness of the model is verified. At last, an example which shows how to update and coordinate and the comparison with other models are put forward.

Key words： scoordination; distributed database; entity; software Framework

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基于演化硬件的多目标进化算法的研究