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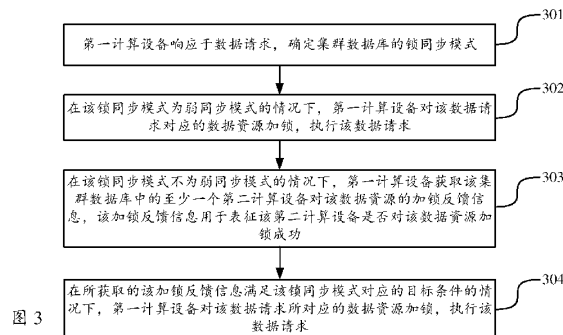
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(54) Title: REQUEST PROCESSING METHOD AND APPARATUS, COMPUTING DEVICE AND STORAGE MEDIUM

(54) 发明名称: 请求处理方法、装置、计算设备及存储介质



301 IN RESPONSE TO A DATA REQUEST, A FIRST COMPUTING DEVICE DETERMINES A LOCK SYNCHRONIZATION MODE OF A CLUSTER DATABASE
302 IN THE CASE THAT THE LOCK SYNCHRONIZATION MODE IS A WEAK SYNCHRONIZATION MODE, THE FIRST COMPUTING DEVICE LOCKS A DATA RESOURCE CORRESPONDING TO THE DATA REQUEST, AND EXECUTES THE DATA REQUEST
303 IN THE CASE THAT THE LOCK SYNCHRONIZATION MODE IS NOT THE WEAK SYNCHRONIZATION MODE, THE FIRST COMPUTING DEVICE OBTAINS LOCKING FEEDBACK INFORMATION OF AT LEAST ONE SECOND COMPUTING DEVICE IN THE CLUSTER DATABASE ON THE DATA RESOURCE. THE LOCKING FEEDBACK INFORMATION BEING USED FOR REPRESENTING WHETHER THE SECOND COMPUTING DEVICE SUCCESSFULLY LOCKS THE DATA RESOURCE
304 IN THE CASE THAT THE OBTAINED LOCKING FEEDBACK INFORMATION MEETS A TARGET CONDITION CORRESPONDING TO THE LOCK SYNCHRONIZATION MODE, THE FIRST COMPUTING DEVICE LOCKS A DATA RESOURCE CORRESPONDING TO THE DATA REQUEST, AND EXECUTES THE DATA REQUEST

(57) Abstract: A request processing method and apparatus, a computing device and a storage medium, which belong to the technical field of databases. By setting a plurality of flexible levels for a lock synchronization mode, in a weak synchronization mode, a data resource corresponding to a data request is directly locked, and the data request is executed, such that the data request can be preferentially pushed, and it is unnecessary to wait for the response of a second computing device, and in the case that the lock synchronization mode is not the weak synchronization mode, locking feedback information of each second computing device is obtained, and when

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the obtained locking feedback information meets a target condition, the data resource is locked and the data request is executed, and different lock synchronization modes are selected in different service scenarios, for example, a request for adding a parking space may be preferentially pushed on the basis of the weak synchronization mode in a smart traffic scenario, but a request for sharing a trip does not need to be preferentially pushed, thereby ensuring that the cluster database can meet the processing requirements of different service scenarios, and improving the processing capability of the cluster database system.

(57) 摘要: 一种请求处理方法、装置、计算设备及存储介质, 属于数据库技术领域。通过对锁同步模式设置灵活的多个级别, 在弱同步模式下, 直接对数据请求对应的数据资源加锁, 并执行该数据请求, 能够保证数据请求优先推进, 无需等待第二计算设备的响应, 而在不是弱同步模式下, 则获取各个第二计算设备的加锁反馈信息, 在所获取的加锁反馈信息符合目标条件的情况下, 对该数据资源加锁并执行该数据请求, 支持在不同业务场景下选取不同的锁同步模式, 如在智慧交通场景下可基于弱同步模式优先推进新增停车位的请求, 但无需优先推进分享行程的请求, 从而保证集群数据库能够满足不同业务场景的处理需求, 提升了集群数据库系统的处理能力。