

Lock Manager

This page outlines the distributed lock manager.

Interactions with the distributed lock manager

Typical pseudocode for interactions with the lock manager are

```
try {
    acquire lock foo
    ...
    acquire lock bar
    ...
}
finally {
    release all locks
}
```

Example

Adding an item to a partitioned cache

```
try {
    LockManager lockManager = ...;
    ResourceController controller = ...;

    lockManager.acquire(resourceID);

    controller.put(key, value);
}
finally {
    lockManager.releaseAllLocks()
}
```