Memory Cache Class Diagram

CacheManager

(m) CacheManager(KWaySetAssociativeCache<K, V>)

(P) cache   KWaySetAssociativeCache<K, V>

1

1

Set

(m) add(K, V)   void
(m) remove(K)   void
(m) get(K)   V
(m) empty()   void

(P) readLock   Lock
(P) writeLock   Lock
(P) currentSize   Integer

KWaySetAssociativeCache

(m) getSet(K)   Set<K, V>
(m) get(K)   V
(m) add(K, V)   void
(m) remove(K)   void

*   1

MRUCache

(m) MRUCache(int)

(m) get(K)   V
(m) add(K, V)   void

LRUCache

(m) LRUCache(int)

«create» «create»

LRUKWaySetSetAssociativeCache

(m) LRUKWaySetSetAssociativeCache(int, int)

(m) getSet(K)   Set

MRUKWaySetSetAssociativeCache

(m) MRUKWaySetSetAssociativeCache(int, int)

(m) getSet(K)   Set

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