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| **HashMap** | **ConcurrentHashMap** |
| It is not threadsafe | It is thread safe |
| Relatively performance is high because threads are not required to wait to operate on HashMap | Relatively performance is low because some time threads are required to wait to operate on ConcurrentHashMap |
| While one thread iterating HashMap the other threads are not allowed to modify Map objects otherwise we will get RuntimeException saying ConcurrentModificationException | While one thread iterating CocurrentHashMap the other threads are allowed to modify Map objects in safe manner and it won’t throw ConcurrentModificationException. |
| Iterator of HashMap is Fail-Fast and it throws ConcurrentModificationException | Iterator of ConcurrentHashMap is Fail-Safe and it won’t throw ConcurrentModificationException |
| Null is allowed for both keys and values | Null is not allowed for both keys and values otherwise we will get NullPointerException. |
| Introduced in 1.2 version | Introduced in 1.5 version. |