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| **CopyOnWriteArrayList** | **synchronizedList()** | **Vector** |
| We will get ThreadSafety because every update operation will be performed on separate cloned copy. | We will get ThreadSafety because at a time List can be accessed by only one thread at a time. | We will get ThreadSafety because at a time only one thread is allowed to access vector object. |
| At a time multiple threads are allowed to access/operate on CopyOnWriteArrayList | At a time only one thread is allowed to perform any operation on List Object. | At a time only one thread is allowed to operate on Vector object. |
| While one thread iterating List object, the other threads are allowed to modify and we won’t get ConcurrentModificationException | While one thread iterating List object, the other threads are not allowed to modify List otherwise we will get ConcurrentModificationException | While one thread iterating List object, the other threads are not allowed to modify Vector otherwise we will get ConcurrentModificationException |
| Iterator is Fail-Safe and won’t raise ConcurrentModificationException | Iterator is Fail-Fast and it will raise ConcurrentModificationExcetion | Iterator is Fail-Fast and it will raise ConcurrentModificationExcetion |
| Iterator can’t perform remove operaton otherwise we will get UnsupportedException | Iterator can perform remove operation. | Iterator can perform remove operation. |
| Introduced in 1.5 version. | Introduced in 1.2 version. | Introduced in 1.0 version. |