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| --- | --- | --- |
| Method | Vector.cs | Mecrosoft .Net framework |
| Count() | O(1) | O(1) |
| Capacity() | O(1) | O(1) |
| Add() | O(1) if count< capacity O(n) if count>= capacity | O(1) if count< capacity O(n) if count>= capacity |
| IndexOf() | O(n) | O(n) |
| Insert() | O(n) | O(n) |
| Clear() | O(n) | O(n) |
| Contains() | O(n) | O(n) |
| Remove() | O(n) | O(n) |
| RemoveAt() | O(n) | O(n) |