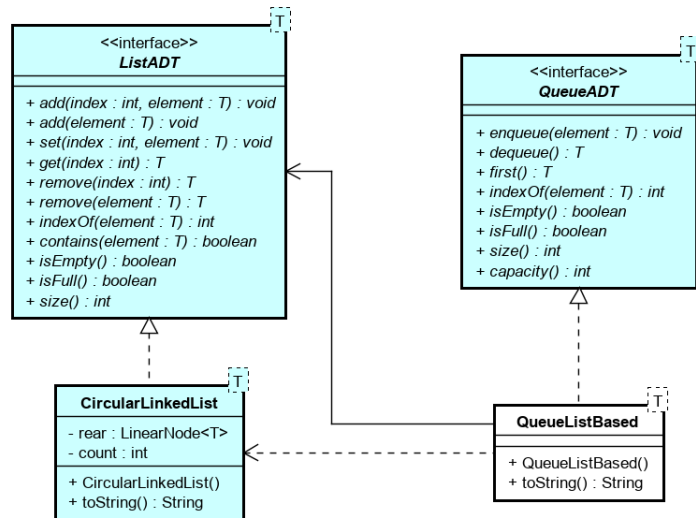


Exercise: QueueListBased – Adapter design pattern

The purpose for this exercise is to implement the adapter design pattern shown.

Note that the `enqueue` should call `add`, i.e. adding at the end (at index `size`) and `dequeue` should remove at index 0 to make the most efficient use of class `CircularLinkedList`.

Method `capacity()` may either return `Integer.MAX_VALUE` or `-1` to indicate that there is no limit.



Class `CircularLinkedList` and interfaces `ListADT` and `QueueADT` are all given here:

- MyCollection-1.1.jar: <http://ict-engineering.dk/jar/MyCollection-1.1.jar>
- javadoc for MyCollection: <http://ict-engineering.dk/javadoc/MyCollection/>