

UML Class Diagram

Doubly Linked List

Size: int
Head: DoubleNode
Tail: DoubleNode
Size()
empty()
Head()
Tail()
Front()
back()
Count()
Push-Front()
push-back()
Pop-Front()
erase()
Display()

Double Node

data: T
next: DoubleNode
Previous: DoubleNode
getData()
getPrevious()
getNext()
Display()

Cyclic Linked List

Size: int
Head: SingleNode
Tail: SingleNode
Size()
empty()
Head()
Tail()
Front()
Back()
Count()
push-front()
Push-back()
Pop-Front()
erase()
Display()

Single Node

data: T
next: SingleNode
getData()
getNext()
Display()