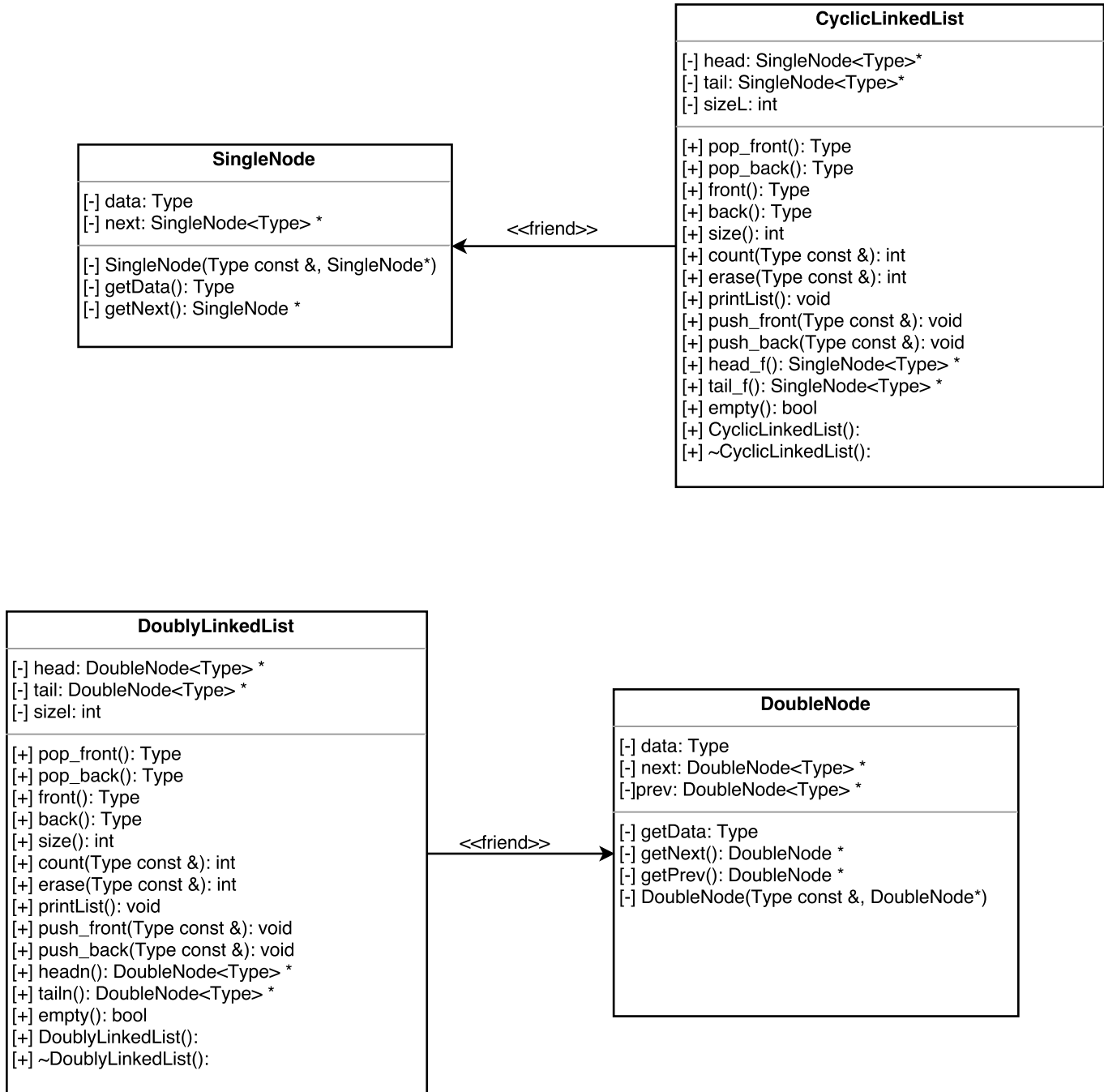


UML Diagram



SingleNode is a templated class that creates a node object, which holds that node's data and a pointer to the next node in the list. CyclicLinkedList is also a templated class that creates linked list with each node pointing to the next node in the list. CyclicLinkedList is a friend of class SingleNode which allows class CyclicLinkedList to store, create, delete, retrieve, and manipulate the information stored in the node objects. At the end of the program all of the nodes in the linked list are deleted by the destructor starting from the head.

DoubleNode is a templated class that creates a node object, which holds that node's data and a pointer to both the next and previous node in the list. Doubly Linked List is also a templated class that created a linked list with each node pointing to the next and previous node in the list. DoublyLinkedList is a friend class of class DoubleNode which allows DoublyLinkedList to store, create, delete, retrieve, and manipulate the information stored in the node objects.