Hello, Marie Blizzard

Thank you for contacting Telerik support team.

It will be a pleasure for me to help you with understanding implementation of Double-ended queue.

Double-ended queue is an abstract data type that generalizes a queue, for which elements can be added to or removed from either the front (head) or back (tail). It is also called a head-tail linked list, though properly this refers to a specific data structure implementation. There are at least two common ways to efficiently implement a deque: with a modified dynamic array or with a double linked list.

I made a simple project with implementation of Double-ended queue using **LinkedList<T>** and I documented every method diligent. The implementation with LinkedList does not place any limits on the number of elements.

I give you some sites where you can read more information about Deque:

* <http://www.c-sharpcorner.com/UploadFile/b942f9/implementing-a-double-ended-queue-or-deque-in-C-Sharp/>
* <http://en.wikipedia.org/wiki/Double-ended_queue>

I hope my information helps you. If you have more questions you can contact us.

It was pleasure for me to assist you.

Best regards,

Peter Jones