Hello,

Marie Blizzard,

The easiest way to implement a Deque data structure is to use the build in methods form the LinkedList class. Here is a short list of what you may use:

* For the **push operations** you cloud use the **AddFirst() and AddFirst()** methods.
* For the **pop operations** you cloud use the **First() and Last() methods** to get the element **and the RemoveFirst() and RemoveLast()** methods to remove the element.
* For the **peek operations** you could use the **First() and Last() methods** to get the elements.
* For the **contains logic** could use the **Contains()** methods.
* And for the **clear and count logic** you could use the build in property **Count and the method Clear()**.

You could see the MSDN articles about [LinkedList<T>](http://msdn.microsoft.com/en-us/library/he2s3bh7%28v=vs.90%29.aspx) class and all its [members](http://msdn.microsoft.com/en-us/library/h64606bk%28v=vs.90%29.aspx).

I hope this helps. Please let me know if I can assist you any further. Thank you in advance.

Regards,

John Doe,

Company X