
Subject: Re: Initialization for Buffer<T>

Posted by [mirek](#) on Fri, 09 Oct 2015 15:34:33 GMT

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Actually, it is guaranteed.

```
typedef T *Iterator
```

Iterator type. Iterator is guaranteed to be of T* type.

```
operator T*()
```

Returns non-constant pointer to elements.

```
operator const T*() const
```

Returns constant pointer to elements.

I agree that more clearly worded guarantee should be given here (this is sort of implicit). Updating docs now...

Buffer indeed is replacement of situation

```
byte *buffer = new byte[N];
```

```
...
```

```
delete[] buffer;
```

but adding GetCount() would mean it is less efficient than this raw code. In the situation when you need GetCount, overhead of Vector is so small that you should perhaps use it instead (it only stores 'alloc' in addition to 'count').
