

```
1 event = waitForEvent()  
2 mutex.wait()  
3     buffer.add(event)  
4     items.signal()  
5 mutex.signal()
```

or,

```
1 event = waitForEvent()  
2 mutex.wait()  
3     buffer.add(event)  
4 mutex.signal()  
5 items.signal()
```

```
1 items.wait()  
2 mutex.wait()  
3     event = buffer.get()  
4 mutex.signal()  
5 event.process()
```

or,

```
1 mutex.wait()  
2     items.wait()  
3     event = buffer.get()  
4 mutex.signal()  
5 event.process()
```