

```
1 public class LengthFieldPrependerTest {
2
3     private ByteBuf msg;
4
5     @Before
6     public void setUp() throws Exception {
7         msg = copiedBuffer("A", CharsetUtil.ISO_8859_1);
8     }
9
10    @Test
11    public void testPrependLength() throws Exception {
12        final EmbeddedChannel ch = new EmbeddedChannel(new LengthFieldPrepender(4));
13        ch.writeOutbound(msg);
14        ByteBuf buf = ch.readOutbound();
15        assertEquals(4, buf.readableBytes());
16        assertEquals(msg.readableBytes(), buf.readInt());
17        buf.release();
18
19        buf = ch.readOutbound();
20        assertEquals(buf, msg);
21        buf.release();
22    }
```