```java
 1 package net.wiredclub.translation;
 2
 3 import org.junit.jupiter.api.Test;
 4 import org.slf4j.Logger;
 5 import org.slf4j.LoggerFactory;
 6
 7 import java.io.IOException;
 8 import java.util.List;
 9
10 import static org.junit.jupiter.api.Assertions.assertEquals;
11 import static org.junit.jupiter.api.Assertions.assertNotNull;
12 import static org.junit.jupiter.api.Assertions.assertTrue;
13
14 class DeepLHelperTest {
15
16     private static final Logger LOG = LoggerFactory.getLogger(DeepLHelperTest.class);
17
18     private final DeepLHelper deepLHelper = new DeepLHelper();
19
20     @Test
21     void testUsage() throws IOException, TranslationJsonProcessingException {
22         DeepLHelper.DeepLUsage usage = deepLHelper.usage();
23
24         assertNotNull(usage);
25         LOG.info("Character count: {}", usage.characterCount());
26         LOG.info("Character limit: {}", usage.characterLimit());
27     }
28
29     @Test
30     void testSourceLanguages() throws IOException, TranslationJsonProcessingException {
31         List<String> sourceLanguages = deepLHelper.sourceLanguages();
32
33         assertNotNull(sourceLanguages);
34         LOG.info("Supported source languages: {}", sourceLanguages);
35         assertTrue(sourceLanguages.contains("en"), "EN must be part of source languages.");
36         assertTrue(sourceLanguages.contains("de"), "DE must be part of source languages.");
37         assertTrue(sourceLanguages.contains("fr"), "FR must be part of source languages.");
```

```java
38        }
39
40        @Test
41        void testTargetLanguages() throws IOException, TranslationJsonProcessingException {
42            List<String> targetLanguages = deepLHelper.targetLanguages();
43
44            assertNotNull(targetLanguages);
45            LOG.info("Supported target languages: {}", targetLanguages);
46            assertTrue(targetLanguages.contains("en-gb"), "EN-GB must be part of target languages.");
47            assertTrue(targetLanguages.contains("de"), "DE must be part of target languages.");
48            assertTrue(targetLanguages.contains("fr"), "FR must be part of target languages.");
49        }
50
51        @Test
52        void testTranslate() throws IOException, TranslationJsonProcessingException {
53            String translatedText = deepLHelper.translate("hello", "en", "de");
54
55            assertNotNull(translatedText);
56            assertEquals("hallo", translatedText);
57        }
58
59        @Test
60        void testWrapTextToTranslate() {
61            assertEquals("outside",
62                    deepLHelper.wrapTextToTranslate("outside"));
63
64            assertEquals("outside <donut>{{inside}}</donut>",
65                    deepLHelper.wrapTextToTranslate("outside {{inside}}"));
66
67            assertEquals("outside <donut>{{inside}}</donut> and <donut>{{ inside spaces }}</donut>",
68                    deepLHelper.wrapTextToTranslate("outside {{inside}} and {{ inside spaces }}"));
69
70            assertEquals("outside <donut>{{- and many things inside</br> }}</donut>",
71                    deepLHelper.wrapTextToTranslate("outside {{- and many things inside</br> }}"));
72        }
73
74        @Test
```

```java
75      void testWrapAndUnwrapTranslation() {
76          String text = "outside {{inside}} and {{- and <b>many things</b> inside </br> }}.";
77
78          String wrappedText = deepLHelper.wrapTextToTranslate(text);
79          LOG.info(wrappedText);
80          String unwrappedText = deepLHelper.unwrapTranslation(wrappedText);
81          LOG.info(unwrappedText);
82
83          assertEquals(text, unwrappedText);
84      }
85  }
86
```