

```
1 package net.wiredclub.translation;
2
3 import com.fasterxml.jackson.databind.JsonNode;
4 import org.junit.jupiter.api.Test;
5
6 import java.io.IOException;
7
8 import static net.wiredclub.translation.TranslationStatusCode.STATUS_OK;
9 import static org.junit.jupiter.api.Assertions.assertEquals;
10 import static org.junit.jupiter.api.Assertions.assertNotNull;
11 import static org.mockito.Mockito.mock;
12 import static org.mockito.Mockito.when;
13
14 class TranslationToolTest {
15
16     public static final String TEST_TRANSLATIONS_DIRECTORY = "tools/src/test/resources/translations";
17
18     // @Test
19     void testMainWithValidArguments() {
20         String[] args = {
21             "-s", "en",
22             "-t", "de",
23             "-p", TEST_TRANSLATIONS_DIRECTORY,
24             "-r", ".."
25         };
26
27         assertEquals(STATUS_OK, new TranslationTool().run(args));
28     }
29
30     @Test
31     void testCreateDiffPatch() throws IOException, TranslationFileNotFoundException, TranslationJsonProcessingException {
32         String sourceLanguage = "en";
33         String sourceFile = TEST_TRANSLATIONS_DIRECTORY + "/" + sourceLanguage + "/main.json";
34
35         FileHelper fileHelperMock = mock(FileHelper.class);
36         when(fileHelperMock.readPreviousFileFromHistory("..", sourceFile, 1)).thenReturn("{}");
37         when(fileHelperMock.readFile(sourceFile)).thenReturn("{ \"f1\" : \"v1\" }");
```

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38
39     JsonHelper jsonHelper = new JsonHelper();
40     JsonNode sourceJson = jsonHelper.convertStringToJson(fileHelperMock.readFile(sourceFile));
41
42     TranslationTool tt = new TranslationTool(jsonHelper, null, fileHelperMock, null);
43     JsonNode patch = tt.createDiffPatch("..", sourceFile, sourceJson);
44
45     assertNotNull(patch);
46     assertEquals(1, patch.size());
47     assertEquals("add", patch.get(0).get("op").asText());
48     assertEquals("/f1", patch.get(0).get("path").asText());
49     assertEquals("v1", patch.get(0).get("value").asText());
50 }
51 }
52
```