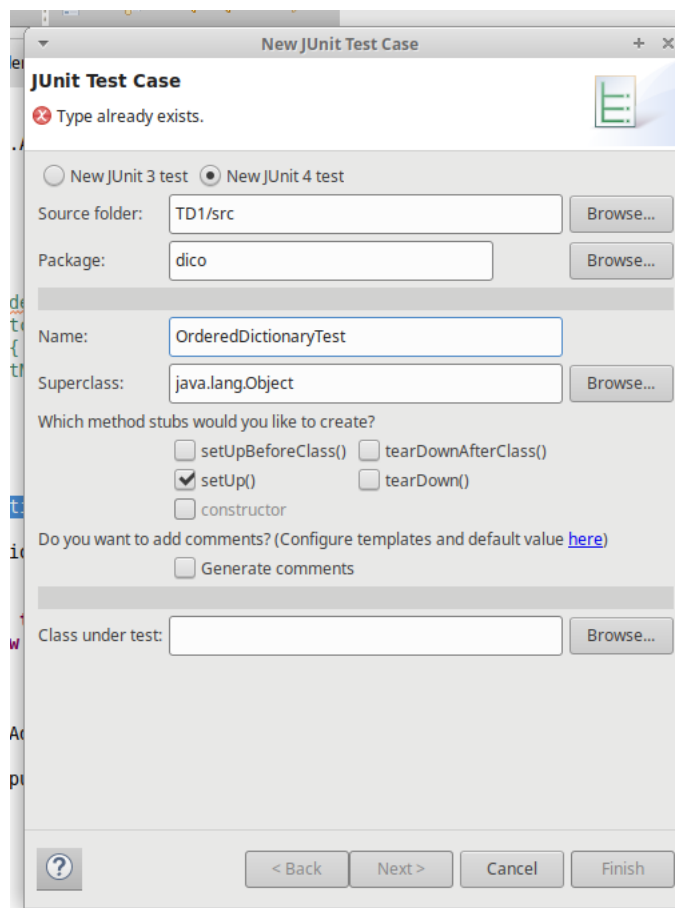# Tests et mocks

October 2, 2018

1 Première classe de test simple pour Ordered-Dictionary

1.1 Création de la classe de test

1.2 Environnement de test

```java
@Before
public void setUp() throws Exception {
    OrdereDico = new OrderedDictionary(1);
}
```

1.3 Une première méthode de test

```java
@Test
public void testAddOneElementToEmptyDico(Object key, Object value)
{
    OrdereDico.put(key, value);
    assertTrue(1==OrdereDico.size());
    assertTrue(OrdereDico.containsKey(key));

}
```

1.4 Fin de la classe de test pour OrderedDictionary

```java
public class OrderedDictionaryTest {

    private OrderedDictionary OrdereDico;

    @Before
    public void setUp() throws Exception {
        OrdereDico = new OrderedDictionary();
    }

    @Test
    public void testAddOneElementToEmptyDico(){
        OrdereDico.put("key","value");
        assertTrue(1==OrdereDico.size());
        assertTrue(OrdereDico.containsKey("key"));
    }

    @Test
    public void testisEmpty() {
        OrdereDico.put("key1","value1");
        assertTrue(!OrdereDico.isEmpty());
    }

    @Test
    public void testContainsKeys() {
        OrdereDico.put("key2","value2");
        assertTrue(OrdereDico.containsKey("key2"));
    }
}
```