

1

Documentation:

What is being tested?
Expected behaviour?

Classification:

List of features of the test case

```
/** Test for changing a person's full name (where another person with
 * the same name exists).
 * Expected: first name of the corresponding member and their family
 * name must be changed. As no fitting family exists, a new family must be
 * created and the member moved to this new family (as the father of this family).
 * Features: bwd, attribute, corr-based, structural, runtime */
```

```
@Test
```

```
public void testFullNameChangeOfNonUniquePerson() {
```

2

**Initiate Synchronisation
Dialogue**

```
tool.initiateSynchronisationDialogue();
```

3

**Synchronisation Dialogue
to Establish Precondition**

```
util.configure().makeDecision(Decisions.PREFER_CREATING_PARENT_TO_CHILD, true)
    .makeDecision(Decisions.PREFER_EXISTING_FAMILY_TO_NEW, true);
tool.performAndPropagateTargetEdit(helperPerson::createSimpsonsWithTwoBarts);
```

4

Assert Precondition

```
util.assertPrecondition("Pre_MemberNameChangeOther", "Pre_PersonNameChangeOther");
```

5

**Synchronisation Dialogue
to Establish Postcondition**

Runtime Configuration

```
//-----
util.configure().makeDecision(Decisions.PREFER_CREATING_PARENT_TO_CHILD, true);
tool.performAndPropagateTargetEdit(helperPerson::fullNameChangeOfOtherBart);
//-----
```

Update Propagation

6

Assert Postcondition

```
util.assertPostcondition("MemberFullNameChangeOther", "PersonFullNameChangeOther");
}
```