Tabellen

```
professor:
    REF        || name        | firstname | fakultaet    | lastupdate
    haase      || "Haase"     | "Oliver"  | "Informatik" | new Date()

vorlesung:
    REF            ||   titel                  | lastupdate
    ProgTech       || "Programmier Technik"    | new Date()
    VerSys         || "Verteilte Systeme"      | new Date()
```

Referenzen

```
professor:
    REF        || name      | firstname | fakultaet    | lastupdate
    haase      || "Haase"   | "Oliver"  | "Informatik" | new Date()

vorlesung:
    REF        || titel                   | lastupdate
    ProgTech   || "Programmier Technik"   | new Date()
    VerSys     || "Verteilte Systeme"     | new Date()

haase haeltVorlesung ProgTech
haase haeltVorlesung VerSys
```

Scopes (test data scenario)

```
def testData = new TestData() {

    scenario zweiVorlesungen {

        professor:
            REF         || name        | firstname | fakultaet     | lastupdate
            haase       || "Haase"      | "Oliver"  | "Informatik" | new Date()

        vorlesung:
            REF         ||  titel                    | lastupdate
            ProgTech    || "Programmier Technik" | new Date()
            VerSys      || "Verteilte Systeme"    | new Date()

        haase haeltVorlesung ProgTech
        haase haeltVorlesung VerSys
    }

    scenario keineVorlesung {
        professor:
            REF         || name        | firstname | fakultaet     | lastupdate
            waesch      || "Haase"      | "Oliver"  | "Informatik" | new Date()
        }
    }
}
```

Demo Test

```
@Test
void addVorlesung() {
    def beforeTest = new Date()
    def vorlesung = new Vorlesung(name: "Verteilte Systeme")
    sut.saveVorlesung(vorlesung)
    def prof = sut.findProfessorWithId(testData.keineVorlesung.professor.id)
    prof.addVorlesung(vorlesung)
    sut.saveProfessor(prof)
    testData {
        scenario keineVorlesung {
            vorlesung:
                REF        ||  name                 | lastupdate
                VerSys     || "Verteilte Systeme"   | after(beforeTest)
            waesch haeltVorlesung VerSys
        }
    }
    assertDatabaseEquals(testData)
}
```