

Evaluate OCL expression

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Result:

Buttons: Evaluate, Browser, Clear

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STUDENT

Matrnr : Integer
SName : String
Fach : String
SemAnz : Integer

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Result:

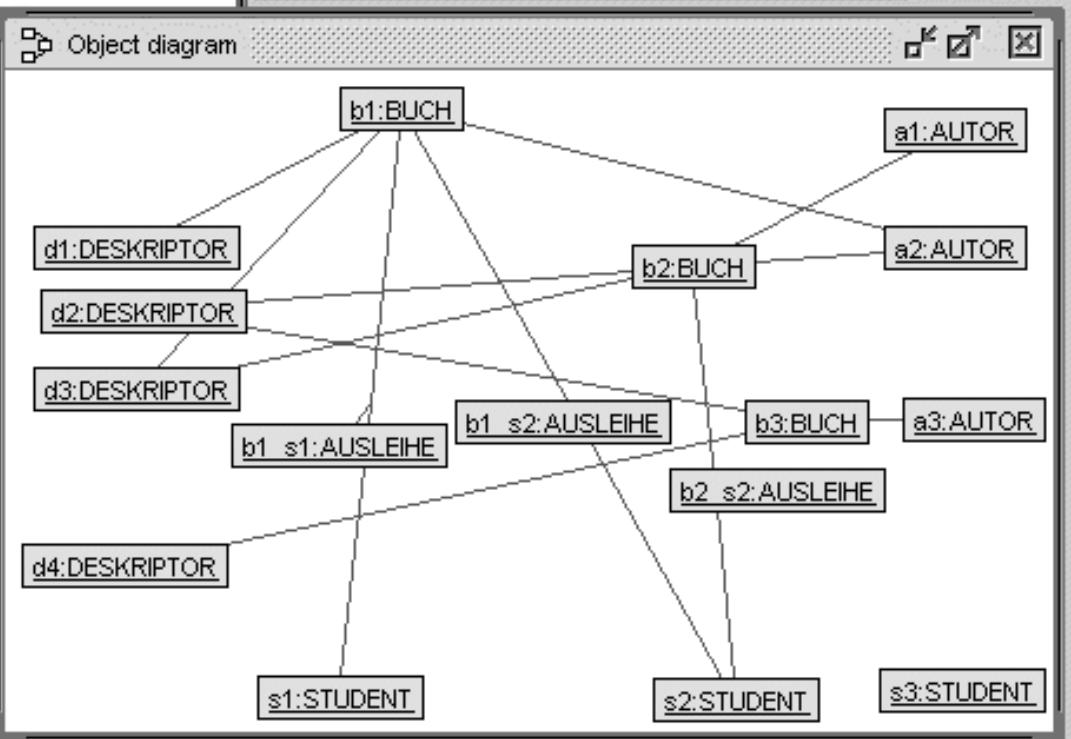
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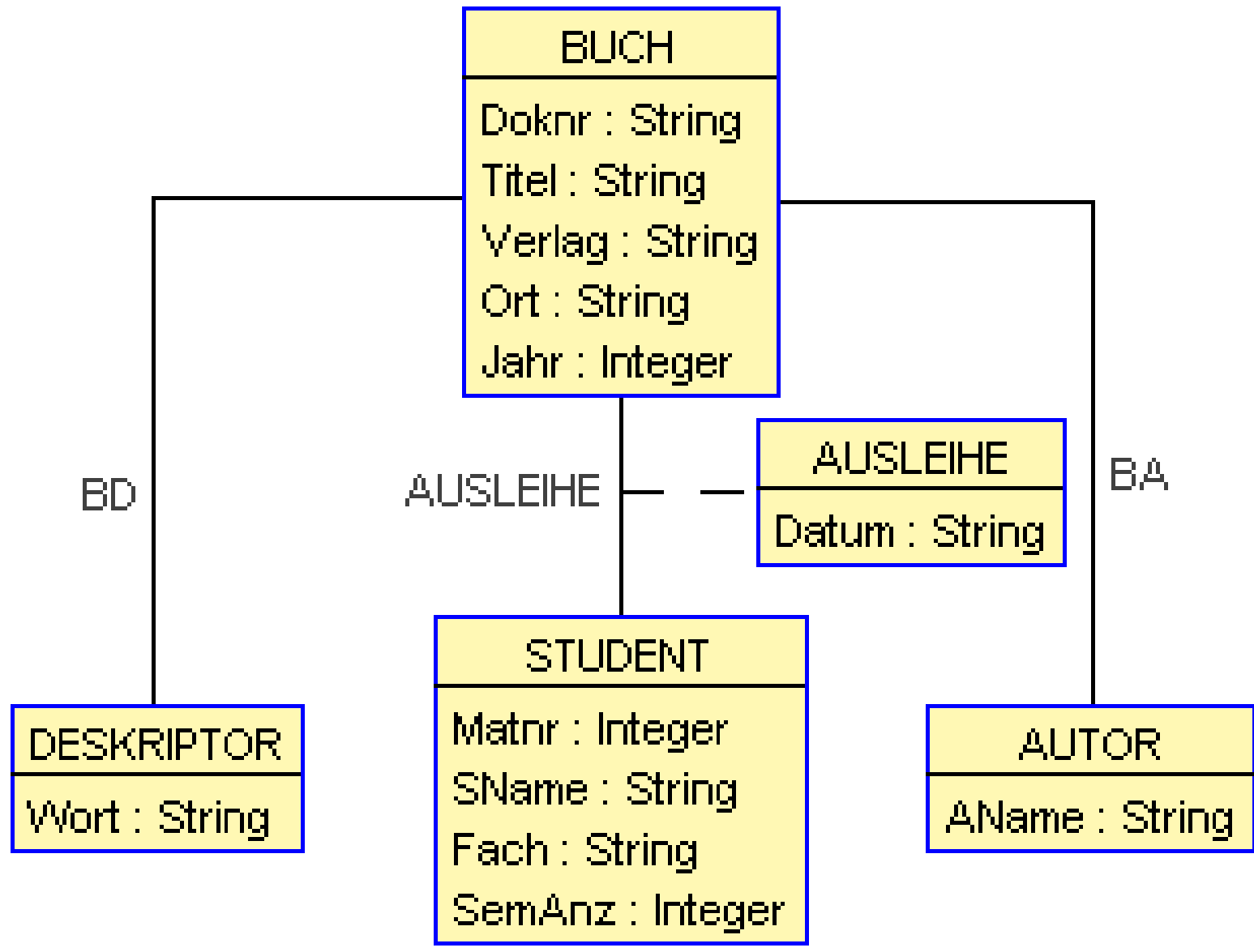
Result:

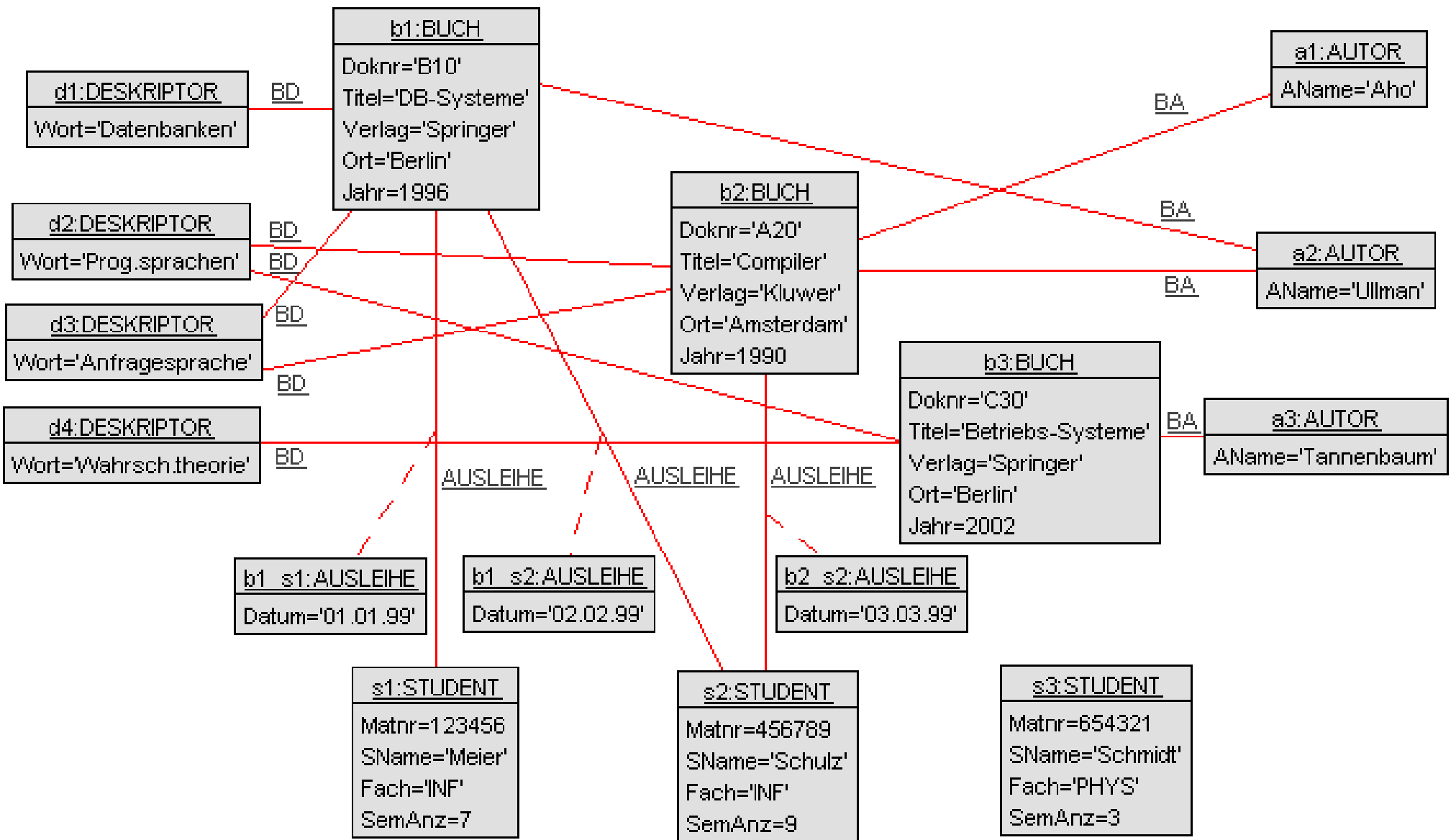
Buttons: Evaluate, Browser, Clear





Class diagram





```
class BUCH
attributes
  Doknr:String
  Titel:String
  Verlag:String
  Ort:String
  Jahr:Integer
end
```

```
class DESKRIPTOR
attributes
  Wort:String
end
```

```
class STUDENT
attributes
  Matnr:Integer
  SName:String
  Fach:String
  SemAnz:Integer
end
```

```
class AUTOR
attributes
  AName:String
end
```

```
association BD between
  BUCH [0..*] role buch
  DESKRIPTOR [0..*] role deskriptor
end
```

```
associationclass AUSLEIHE between
  BUCH [0..*] role buch
  STUDENT [0..*] role student
attributes
  Datum:String
end
```

```
association BA between
  BUCH [0..*] role buch
  AUTOR [0..*] role autor
end
```

```
!create s1:STUDENT
!set s1.Matnr:=123456
!set s1.SName:='Meier'
!set s1.Fach:='INF'
!set s1.SemAnz:=07

!create s2:STUDENT
!set s2.Matnr:=456789
!set s2.SName:='Schulz'
!set s2.Fach:='INF'
!set s2.SemAnz:=09

!create s3:STUDENT
!set s3.Matnr:=654321
!set s3.SName:='Schmidt'
!set s3.Fach:='PHYS'
!set s3.SemAnz:=03

!create d1:DESKRIPTOR
!set d1.Wort:='Datenbanken'

!create d2:DESKRIPTOR
!set d2.Wort:='Prog.sprachen'

...
```

...

```
!insert (b1,a2) into BA
!insert (b2,a1) into BA
!insert (b2,a2) into BA
!insert (b3,a3) into BA
```

```
!create b1_s1:AUSLEIHE between (b1,s1)
!set b1_s1.Datum:='01.01.99'
```

```
!create b1_s2:AUSLEIHE between (b1,s2)
!set b1_s2.Datum:='02.02.99'
```

```
!create b2_s2:AUSLEIHE between (b2,s2)
!set b2_s2.Datum:='03.03.99'
```