ahlmnt

VS.

(:lectures, rdfs:domain, :Faculty)

:crs1)

:Faculty) -

lectures,

rdf:type,

(:prs1,

(:prs1,

```
(:psr1, h, {"a.com"})
            (:prs1, l, {:crs1})
 tg_1 = \langle
            (:psr1, m, {"a@g.com"})
            (:psr1, n, {"a"})
            (:prs1, t, {:Person, :Faculty})
amnt
            (:psr2, a, {:u1, :u3, :u5})
           (:psr2, m, {"b@n.edu"})
          (:psr2, n, {"b", "bb"})
            (:prs2, t, {:Person, :Faculty})
            (:psr3, a, {:u2, :u4, :u6})
```

```
tg<sub>3</sub> = (:psr3, m, {"c@g.com"})
(:psr3, n, {"c", "cc"})
                                              (:prs3, t, {:Person, :Faculty})
                                           Schema
Applying an ent. rule "RDFS2"
                                                         (After)
                                                                      (:psr1, a, {:u2, :u3})
```

(:psr1, h, {"a.com"})

(:psr1, m, {"a@g.com"})

(:prs1, t, {:Faculty, :Person})

(:prs1, l, {:crs1})

(:psr1, n, {"a"})

```
:affWith
                                             rdf:type
               :name
                             :lectures
               :prs2 "b"
 :prs1 :u2
                               :prs1 :crs1
                                              :Faculty
               :prs1 "a"
 :prs2 :u3
                                               :prs1
 :prs3 :u2
                                               :prs2
                                             :Person
:mbox
                                               :prs1
 :prs2 "a.com"
                      :hpage
                                              :prs2
                       :prs1 "a.com"
 :prs1 "a@g.com"
   (proc. & relevant)
                           (proc. & irrelevant)
                                                    (not proc.)
```

 $stp_1 =$

{a, n, l, t_F}

Q. SELECT * WHERE {

?prs :**n**ame

(before)

 $tg_1 =$

(:psr1, a, {:u2, :u3})

(:psr1, h, {"a.com"})

(:prs1, l, {:crs1}) ___

(:psr1, n, {"a"})

(:psr1, m, {"a@g.com"})

(:prs1, t, {:Faculty, :Person})

?prs :affWith ?a.

?prs :lectures ?crs.

?prs rdf:type :Faculty.

?n1.

VP-based Storage Layout