**GenerateSecurityPolicyForElement** (sign:SignType, privileges:Privilege[*], e:Element, r:Role)
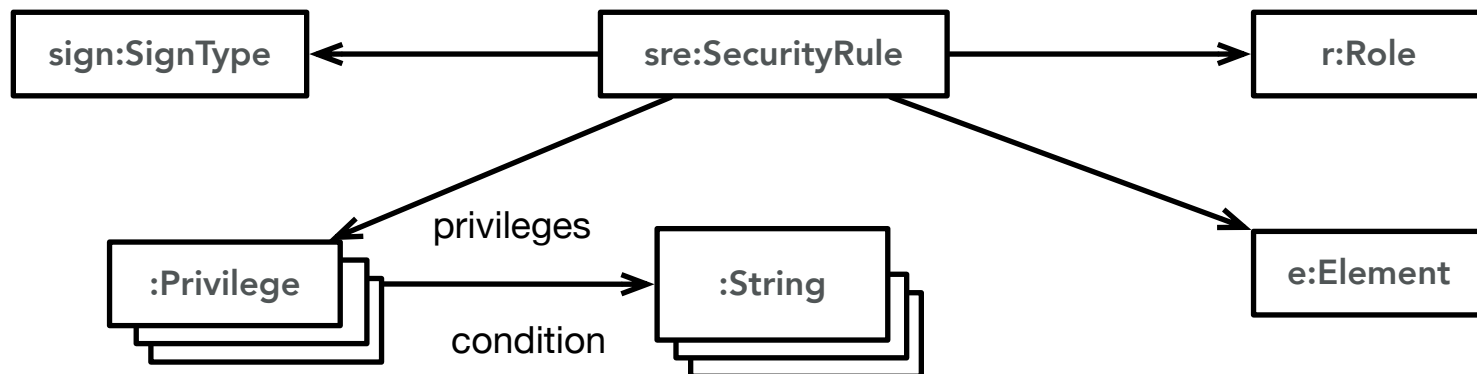


---

— where —

```
securitypolicy=null;
switch (sign)
  case '+': securitypolicy= "GRANT";
  case '-': securitypolicy = "DENY";

securitypolicy += "SET"

foreach p:Privilege in privileges:
  securitypolicy += p
  If (p.condition != null) securitypolicy += "= (" + p.condition + ")"

securitypolicy += "ON" + "database.class." + e + "TO" + r
return securitypolicy
```