```
library libraryCompte
from Basic/Numbers get Rat
from Basic/SimpleDatatypes get Boolean
from Basic/CharactersAndStrings get String
spec COMPTE =
     Rat
and Boolean
and String
then sort Compte
    pred estCloture : Compte
     ops creer : Compte;
           crediter : Compte * Rat ->? Compte;
           debiter : Compte * Rat ->? Compte;
           cloturer : Compte ->? Compte;
           titulaire : Compte -> String;
           solde : Compte -> Rat;
forall c1, c2 : Compte; s1 : Rat; p1: String
     . def crediter(c1, s1) <=> not estCloture(c1)
     . def debiter(c1, s1) <=> not estCloture(c1)
     . def cloturer(c1) \langle = \rangle not estCloture(c1) / \backslash solde(c1)=0
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. not estCloture(creer)
. solde(creer) = 0

. estCloture(cloturer(cl))
. solde(cloturer(cl)) = 0
. titulaire(cloturer(cl)) = titulaire(cl)

. solde(crediter(cl, sl)) = solde(cl) + sl
. titulaire(crediter(cl, sl)) = titulaire(cl)

. solde(debiter(cl, sl)) = solde(cl) - sl
. titulaire(debiter(cl, sl)) = titulaire(cl)
```