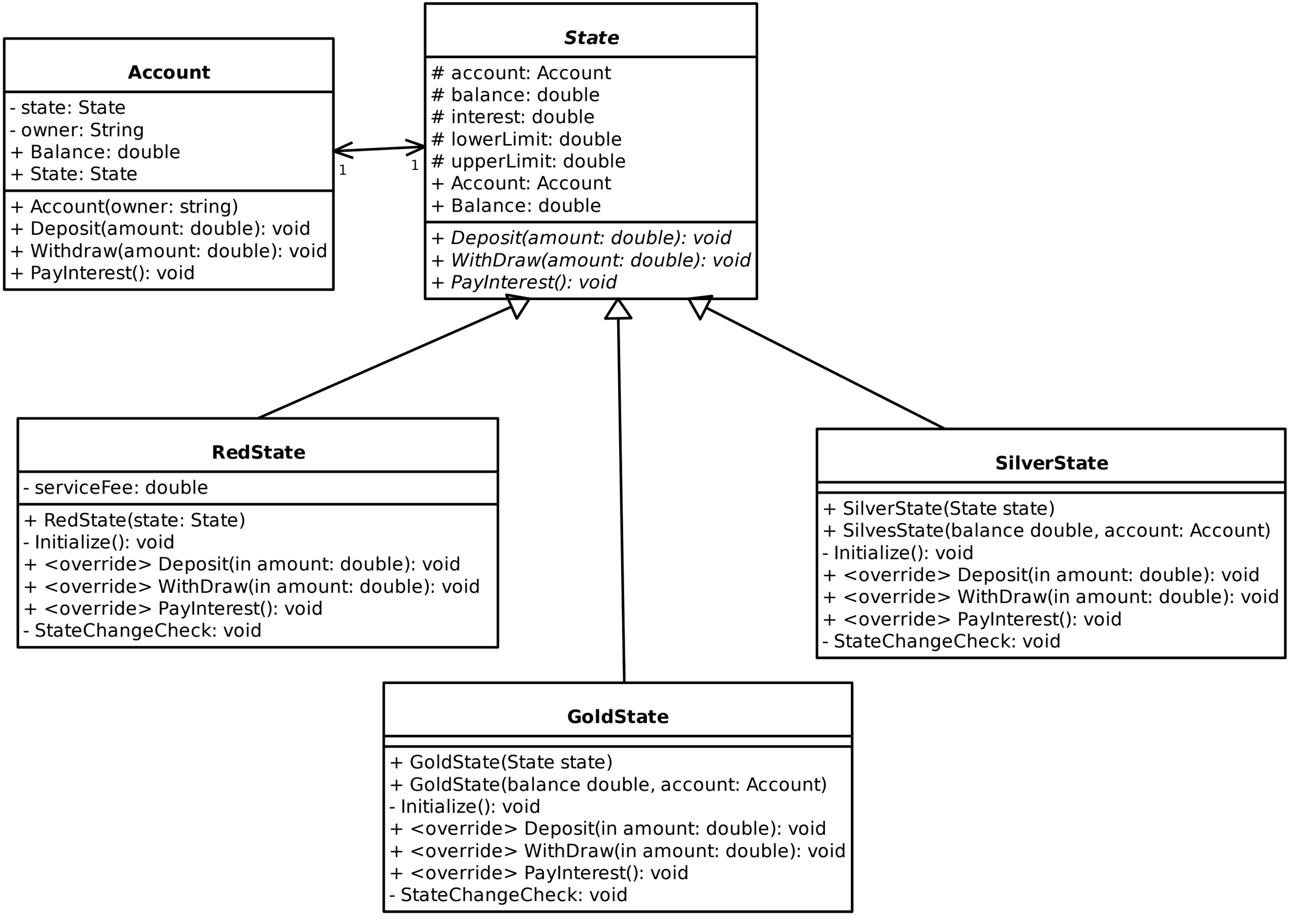
Account
- state: State
- owner: String
+ Balance: double
+ State: State
+ Account(owner: string)
+ Deposit(amount: double): void
+ Withdraw(amount: double): void
+ PayInterest(): void
1
1
State
account: Account
balance: double
interest: double
lowerLimit: double
upperLimit: double
+ Account: Account
+ Balance: double
+ Deposit(amount: double): void
+ WithDraw(amount: double): void
+ PayInterest(): void
RedState
- serviceFee: double
+ RedState(state: State)
- Initialize(): void
+ <override> Deposit(in amount: double): void
+ <override> WithDraw(in amount: double): void
+ <override> PayInterest(): void
- StateChangeCheck: void
SilverState
+ SilverState(State state)
+ SilvesState(balance double, account: Account)
- Initialize(): void
+ <override> Deposit(in amount: double): void
+ <override> WithDraw(in amount: double): void
+ <override> PayInterest(): void
- StateChangeCheck: void
GoldState
+ GoldState(State state)
+ GoldState(balance double, account: Account)
- Initialize(): void
+ <override> Deposit(in amount: double): void
+ <override> WithDraw(in amount: double): void
+ <override> PayInterest(): void
- StateChangeCheck: void