sd SendCoins

: Professor | ProfessorController | ProfessorRepository | StudentRepository | TransactionRepository | TransactionModel | SGBD

1: newBalance = sendCoins(coins, studentId, professorId, message) : Integer

1.1: professor = GetProfessor(professorId) : Professor

1.1.1: professor = GetProfessor() : Professor

professor

professor

1.2: student = GetStudent(studentId) : Student

1.2.1: student = GetStudent(StudentId) : Student

2: student = GetStudent(StudentId) : Student

student

student

1.3: registerTransaction(balance, from, to, message)

1.3.1: transaction(balance, from, to, message)

1.3.1.1: createTransaction(balance, from, to, message)

ok()

ok()

ok()

1.4: updateBalance(balance, student)

1.4.1: updateBalance(balance, student)

ok()

ok()

1.5: newBalance = updateBalance(balance, Professor) : Integer

1.5.1: newBalance = updateBalance(balance, Professor) : Integer

newBalance

newBalance

newBalance

sd getBalanceStudent

: Aluno   Student Controller   StudentRepository   SGBD

1: studentBalance = getBalance(studentId) : Integer

1.1: student = GetStudent(studentId) : Student

1.1.1: student = GetStudent() : Student

student

student

studentBalance