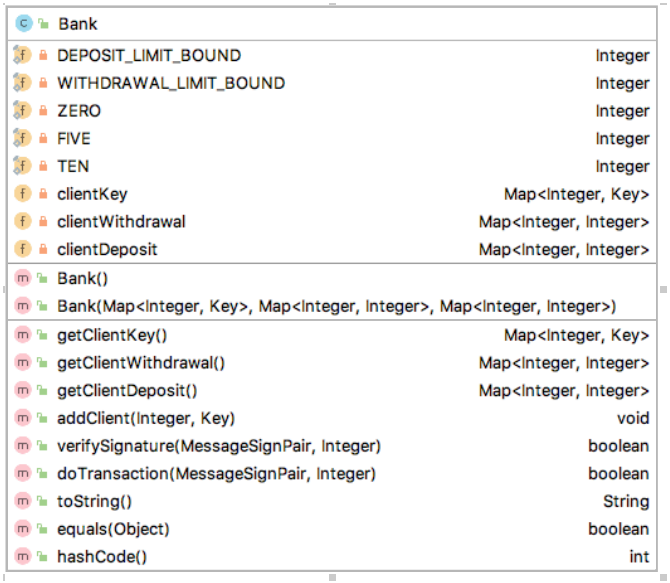
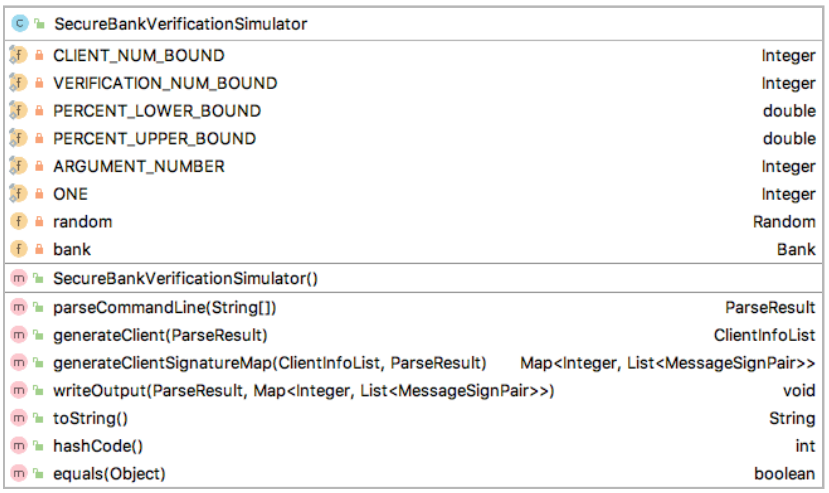
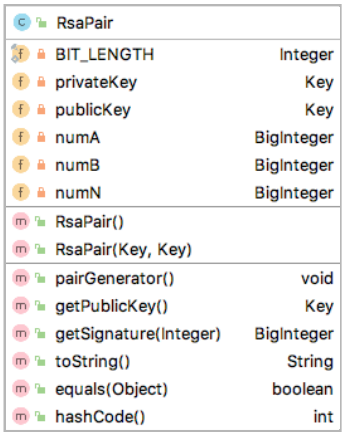
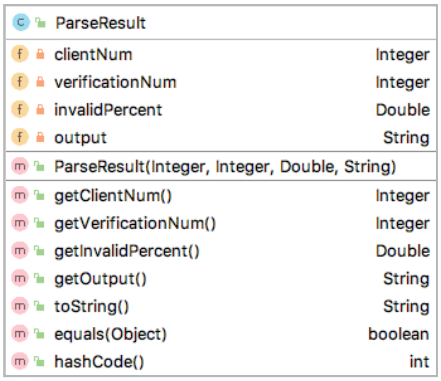
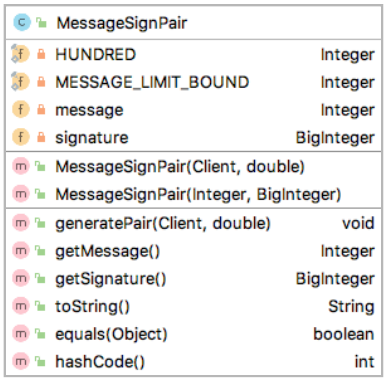
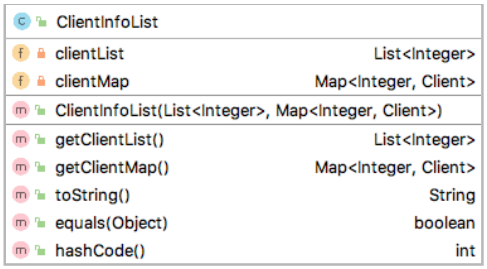

Bank
DEPOSIT_LIMIT_BOUND Integer
WITHDRAWAL_LIMIT_BOUND Integer
ZERO Integer
FIVE Integer
TEN Integer
clientKey Map<Integer, Key>
clientWithdrawal Map<Integer, Integer>
clientDeposit Map<Integer, Integer>
Bank()
Bank(Map<Integer, Key>, Map<Integer, Integer>, Map<Integer, Integer>)
getClientKey() Map<Integer, Key>
getClientWithdrawal() Map<Integer, Integer>
getClientDeposit() Map<Integer, Integer>
addClient(Integer, Key) void
verifySignature(MessageSignPair, Integer) boolean
doTransaction(MessageSignPair, Integer) boolean
toString() String
equals(Object) boolean
hashCode() int

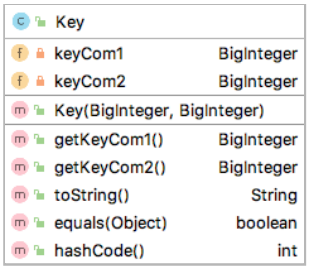

SecureBankVerificationSimulator
CLIENT_NUM_BOUND Integer
VERIFICATION_NUM_BOUND Integer
PERCENT_LOWER_BOUND double
PERCENT_UPPER_BOUND double
ARGUMENT_NUMBER Integer
ONE Integer
random Random
bank Bank
SecureBankVerificationSimulator()
parseCommandLine(String[]) ParseResult
generateClient(ParseResult) ClientInfoList
generateClientSignatureMap(ClientInfoList, ParseResult) Map<Integer, List<MessageSignPair>>
writeOutput(ParseResult, Map<Integer, List<MessageSignPair>>) void
toString() String
hashCode() int
equals(Object) boolean

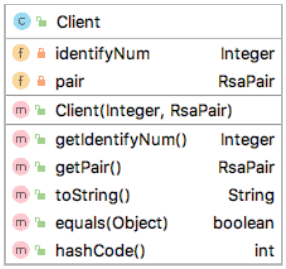

RsaPair
BIT_LENGTH Integer
privateKey Key
publicKey Key
numA BigInteger
numB BigInteger
numN BigInteger
RsaPair()
RsaPair(Key, Key)
pairGenerator() void
getPublicKey() Key
getSignature(Integer) BigInteger
toString() String
equals(Object) boolean
hashCode() int

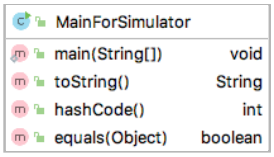

ParseResult
clientNum Integer
verificationNum Integer
invalidPercent Double
output String
ParseResult(Integer, Integer, Double, String)
getClientNum() Integer
getVerificationNum() Integer
getInvalidPercent() Double
getOutput() String
toString() String
equals(Object) boolean
hashCode() int

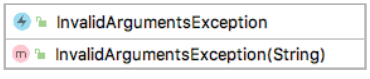

MessageSignPair
HUNDRED Integer
MESSAGE_LIMIT_BOUND Integer
message Integer
signature BigInteger
MessageSignPair(Client, double)
MessageSignPair(Integer, BigInteger)
generatePair(Client, double) void
getMessage() Integer
getSignature() BigInteger
toString() String
equals(Object) boolean
hashCode() int


ClientInfoList
clientList List<Integer>
clientMap Map<Integer, Client>
ClientInfoList(List<Integer>, Map<Integer, Client>)
getClientList() List<Integer>
getClientMap() Map<Integer, Client>
toString() String
equals(Object) boolean
hashCode() int


Key
keyCom1 BigInteger
keyCom2 BigInteger
Key(BigInteger, BigInteger)
getKeyCom1() BigInteger
getKeyCom2() BigInteger
toString() String
equals(Object) boolean
hashCode() int


Client
identifyNum Integer
pair RsaPair
Client(Integer, RsaPair)
getIdentifyNum() Integer
getPair() RsaPair
toString() String
equals(Object) boolean
hashCode() int


MainForSimulator
main(String[]) void
toString() String
hashCode() int
equals(Object) boolean


InvalidArgumentsException
InvalidArgumentsException(String)