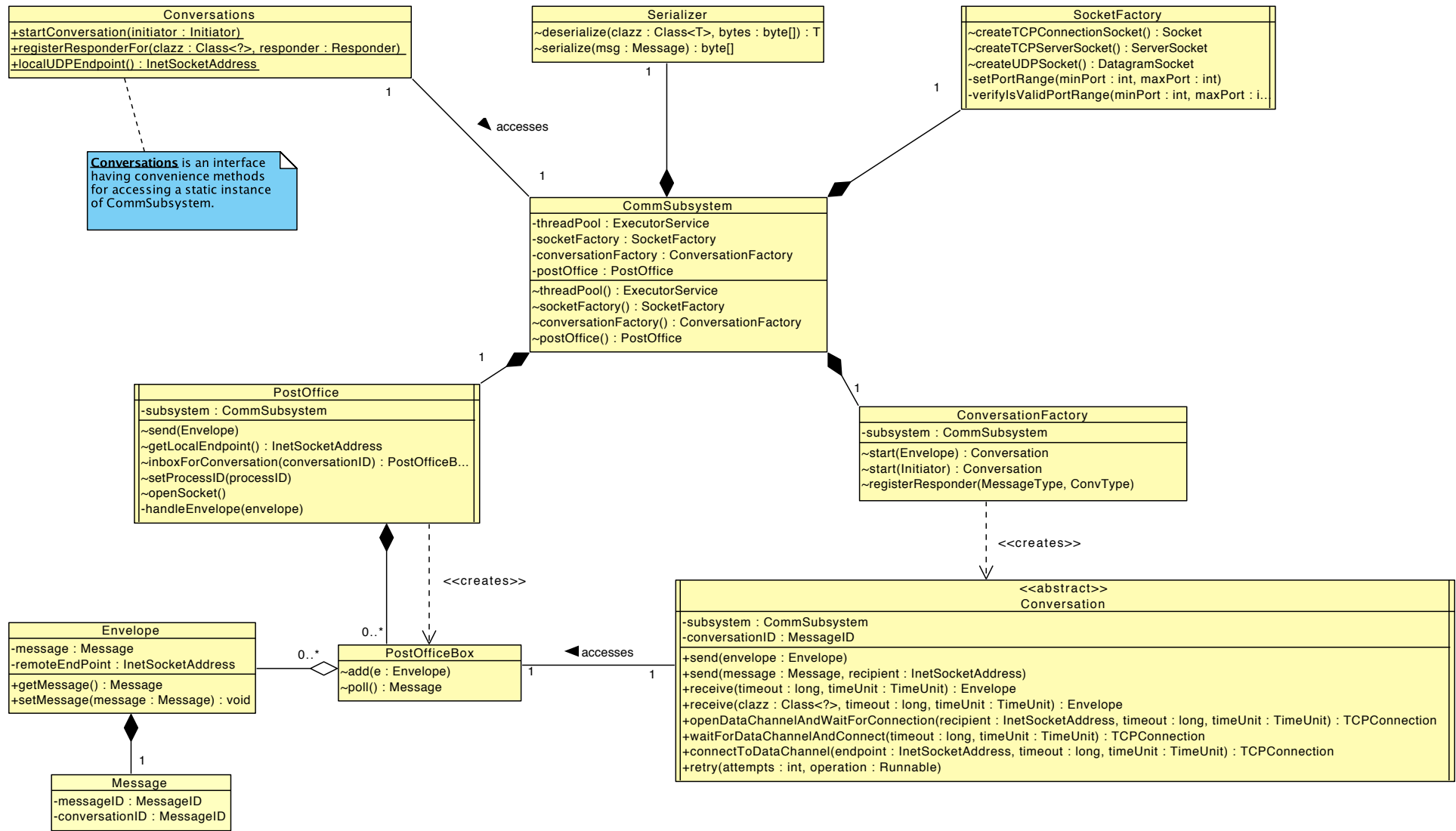
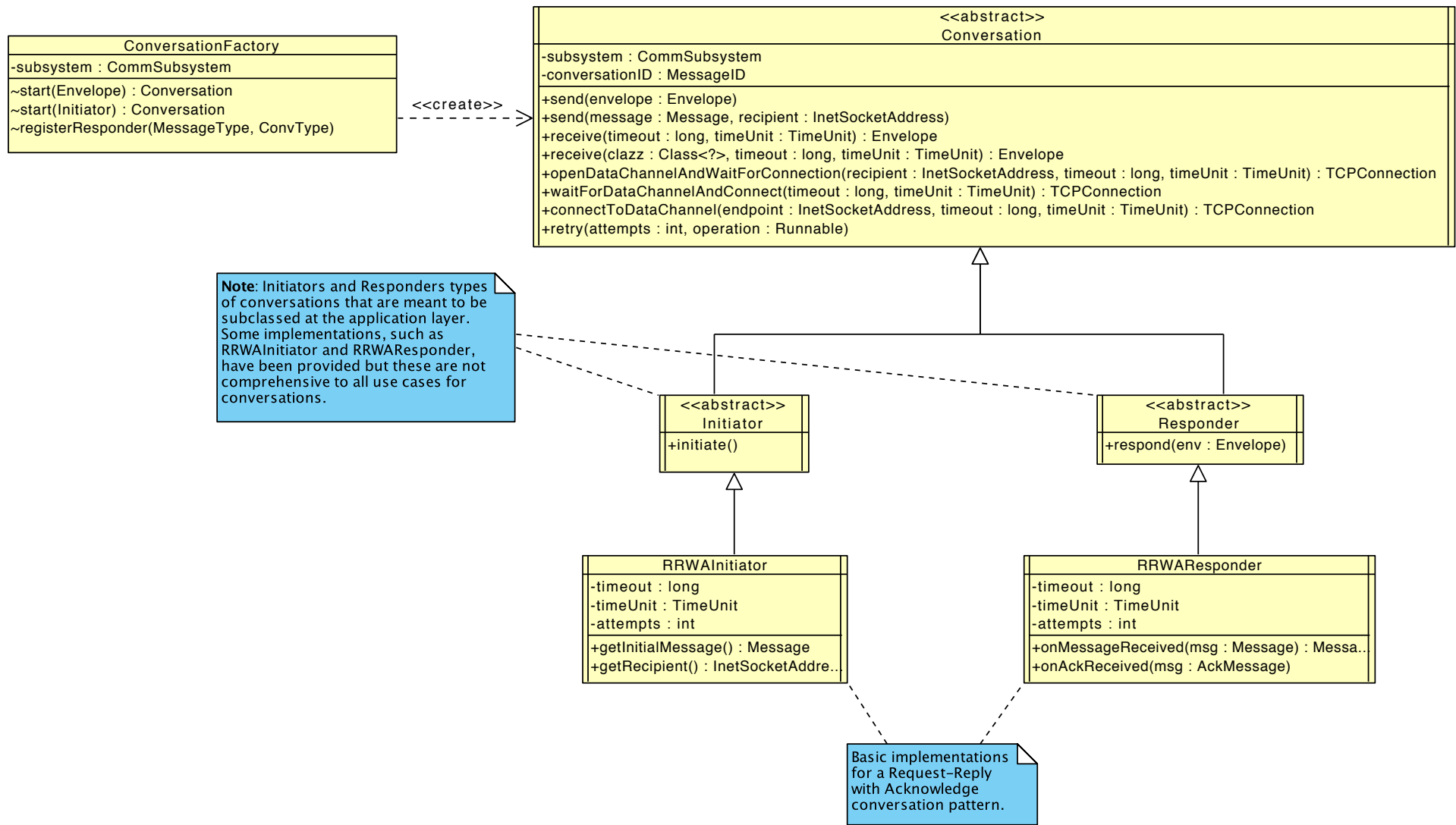


Basic Communication Subsystem



Conversations and Conversation Factories

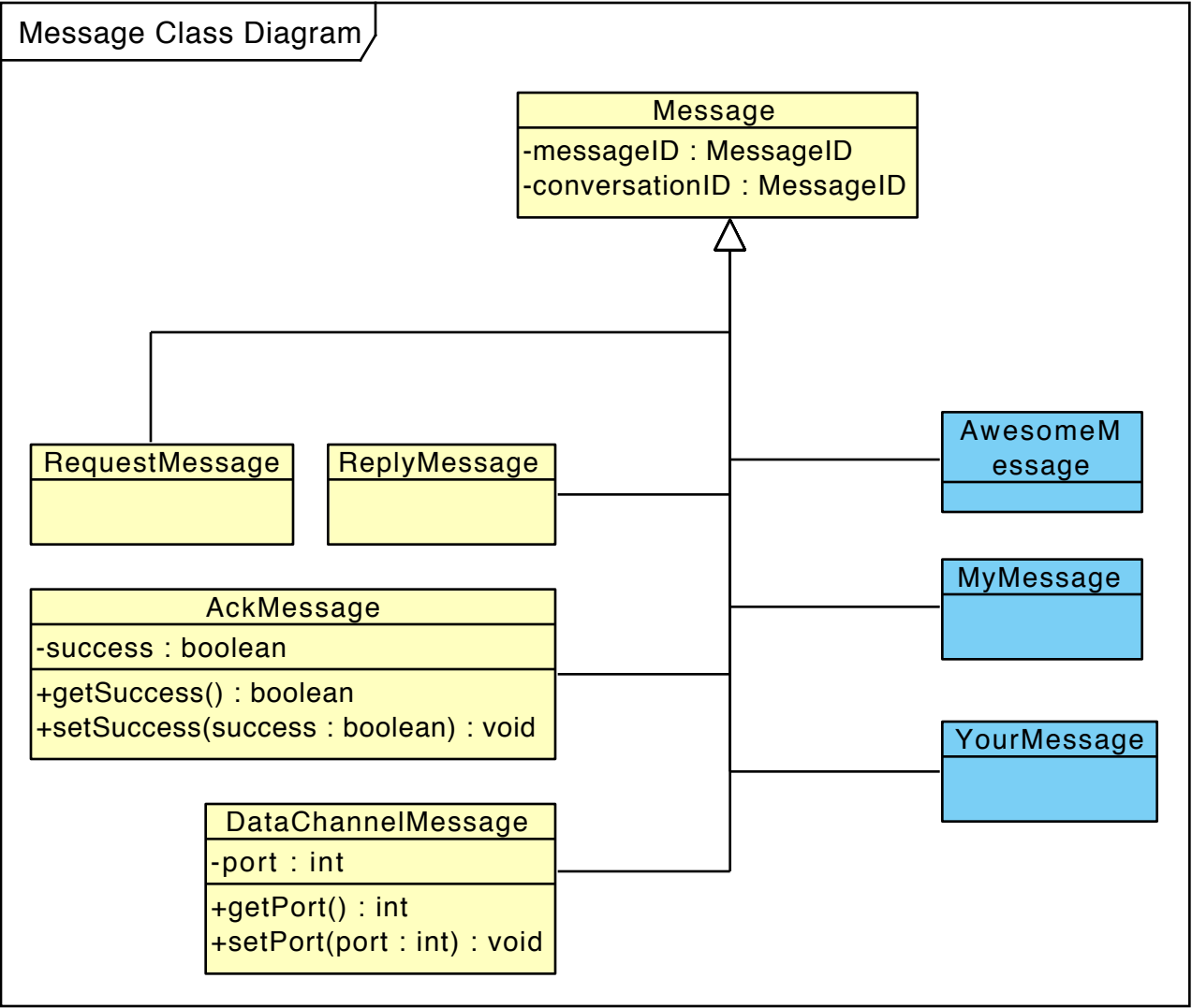


Shared Objects

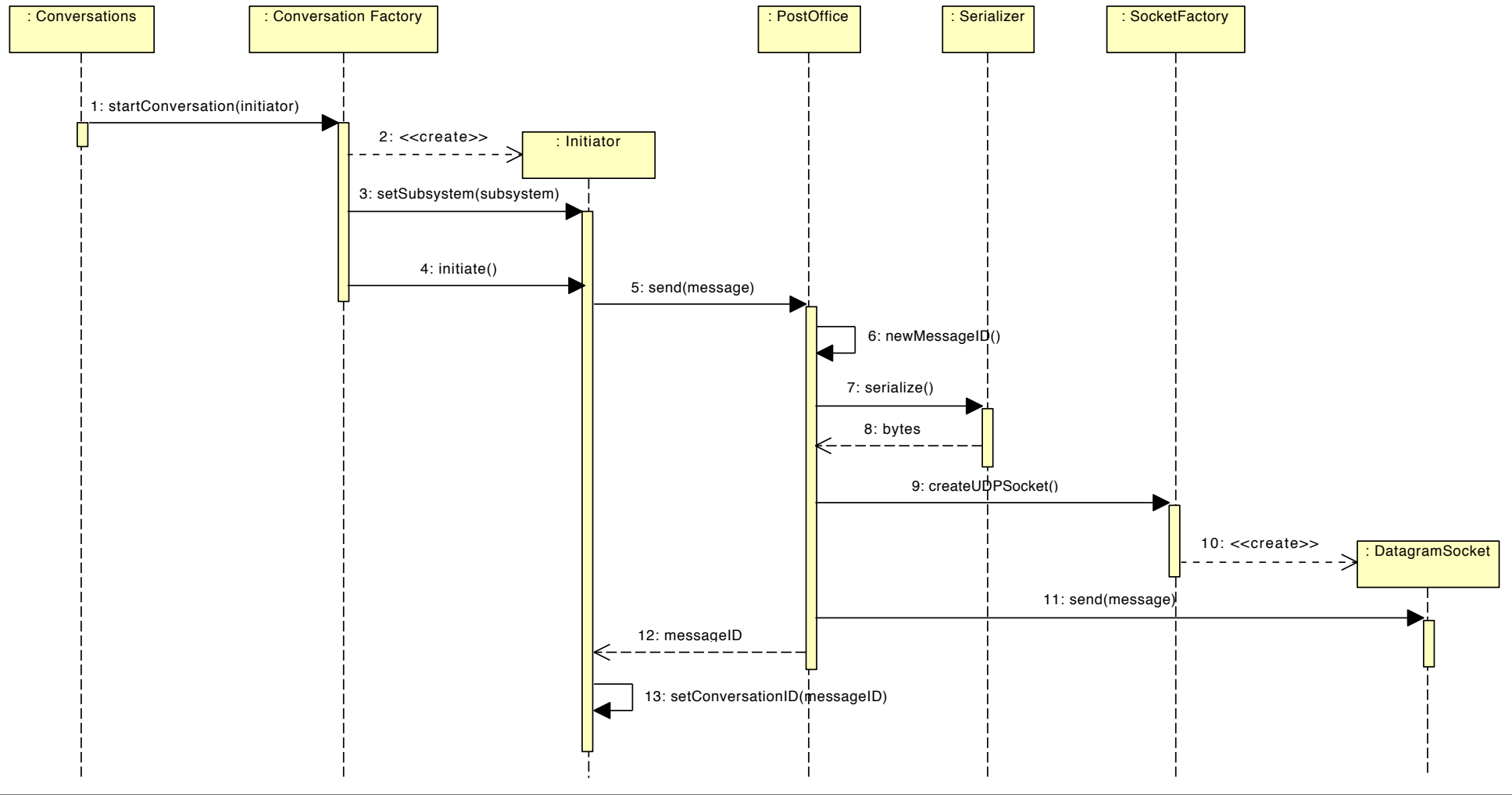
MessageID
-left : int
-right : short
+MessageID(left : int, right : short)
+MessageID(str : String)
+toString() : String
+getLeft() : int
+getRight() : short

TCPConnection
-socket : Socket
-serverSocket : ServerSocket
-in : DataInputStream
-out : DataOutputStream
+readUTF() : String
+read(bytes : byte []) : int
+readBoolean() : Boolean
+readByte() : byte
+readUnsignedByte() : int
+readShort() : short
+readUnsignedShort() : int
+readChar() : char
+readInt() : int
+readLong() : long
+readFloat() : float
+readDouble() : double
+read() : int
+write(i : int) : TCPConnection
+write(bytes : byte []) : TCPConnection
+writeBoolean(b : boolean) : TCPConnection
+writeByte(b : int) : TCPConnection
+writeShort(s : int) : TCPConnection
+writeChar(c : int) : TCPConnection
+writeLong(l : long) : TCPConnection
+writeFloat(f : float) : TCPConnection
+writeDouble(d : double) : TCPConnection
+writeBytes(bytes : String) : TCPConnection
+writeUTF(string : String) : TCPConnection
+flush() : TCPConnection
+close() : TCPConnection
+isConnection() : boolean

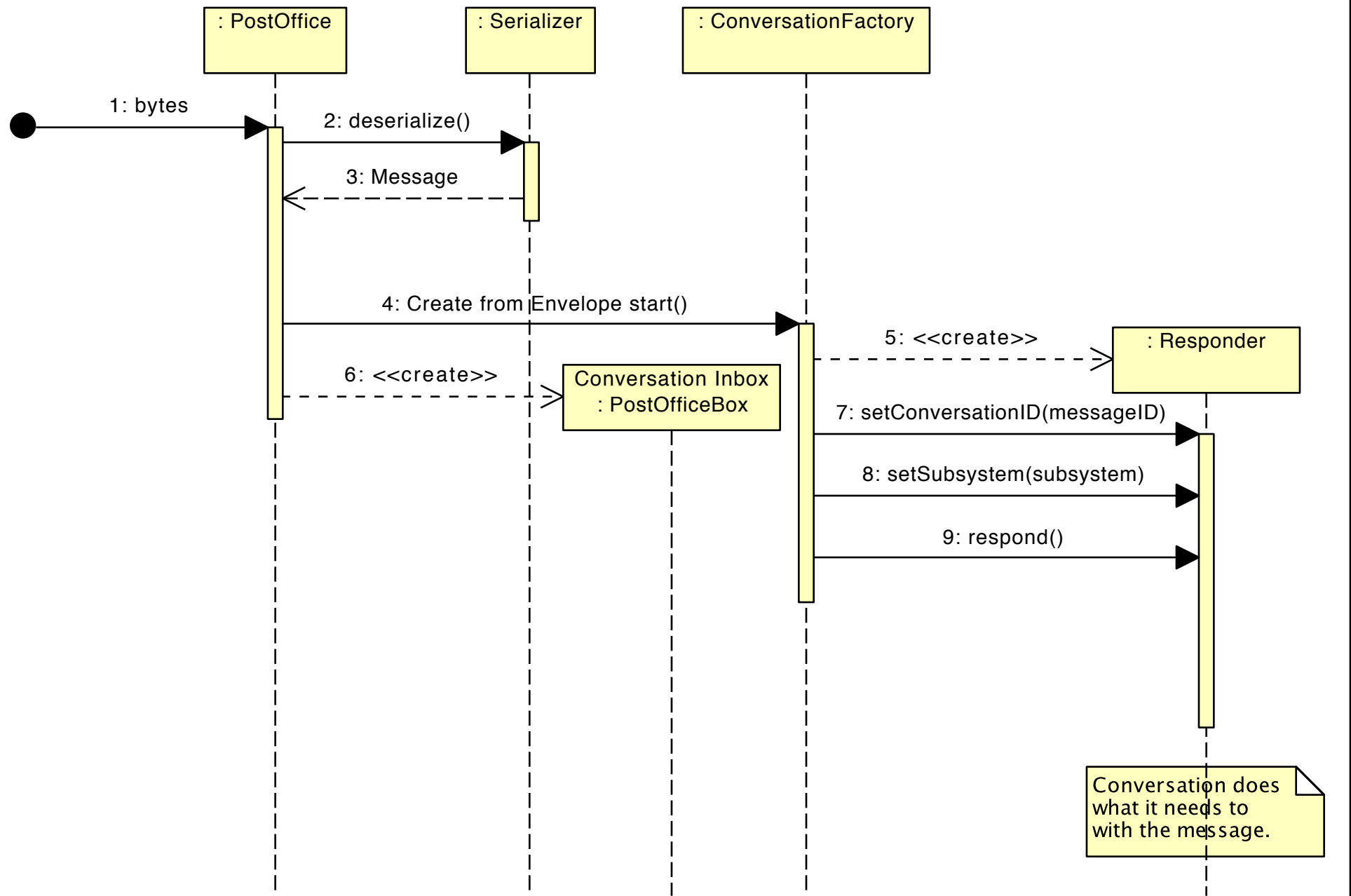
Message Class Diagram



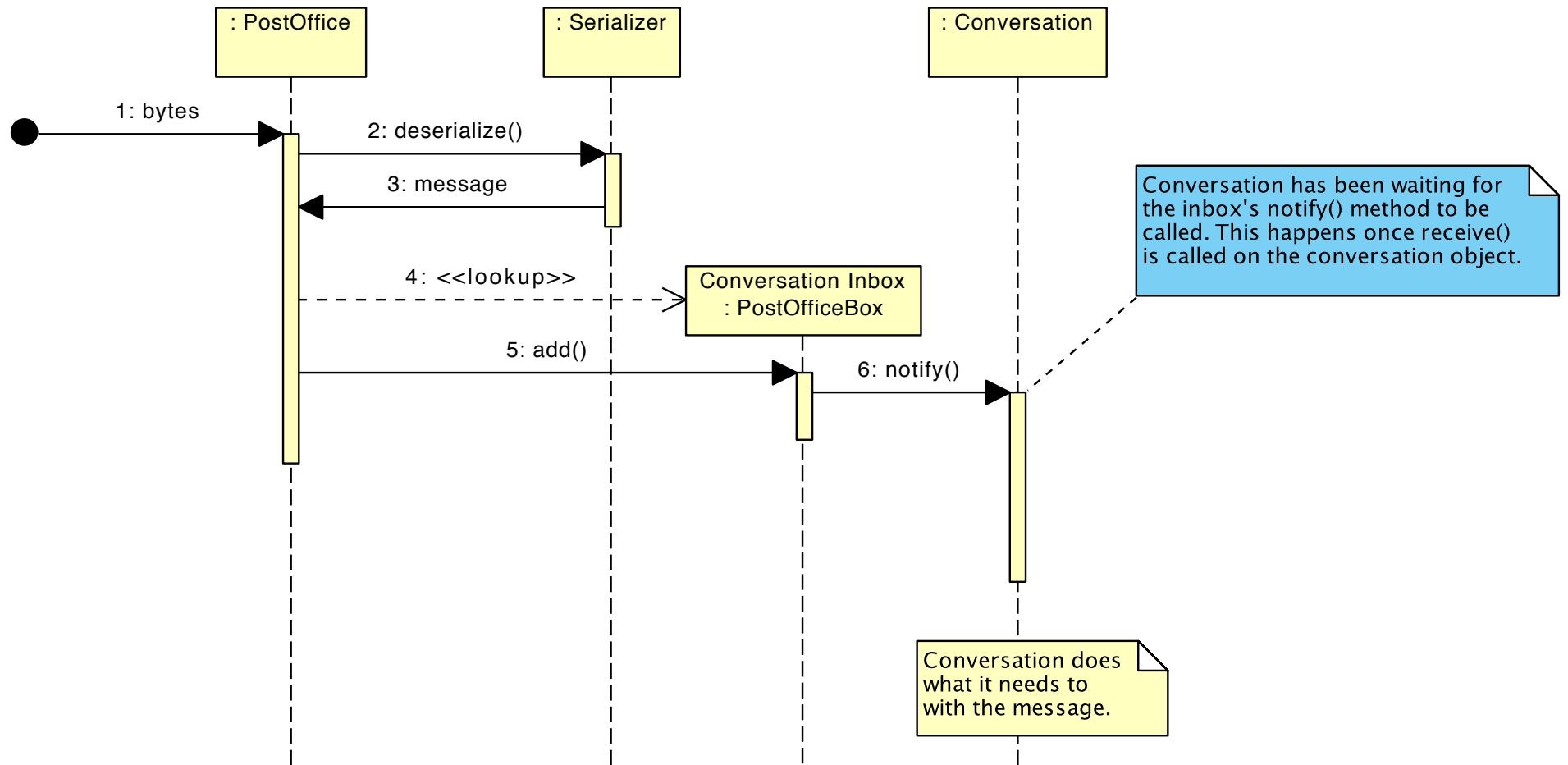
sd Application process starts a new conversation



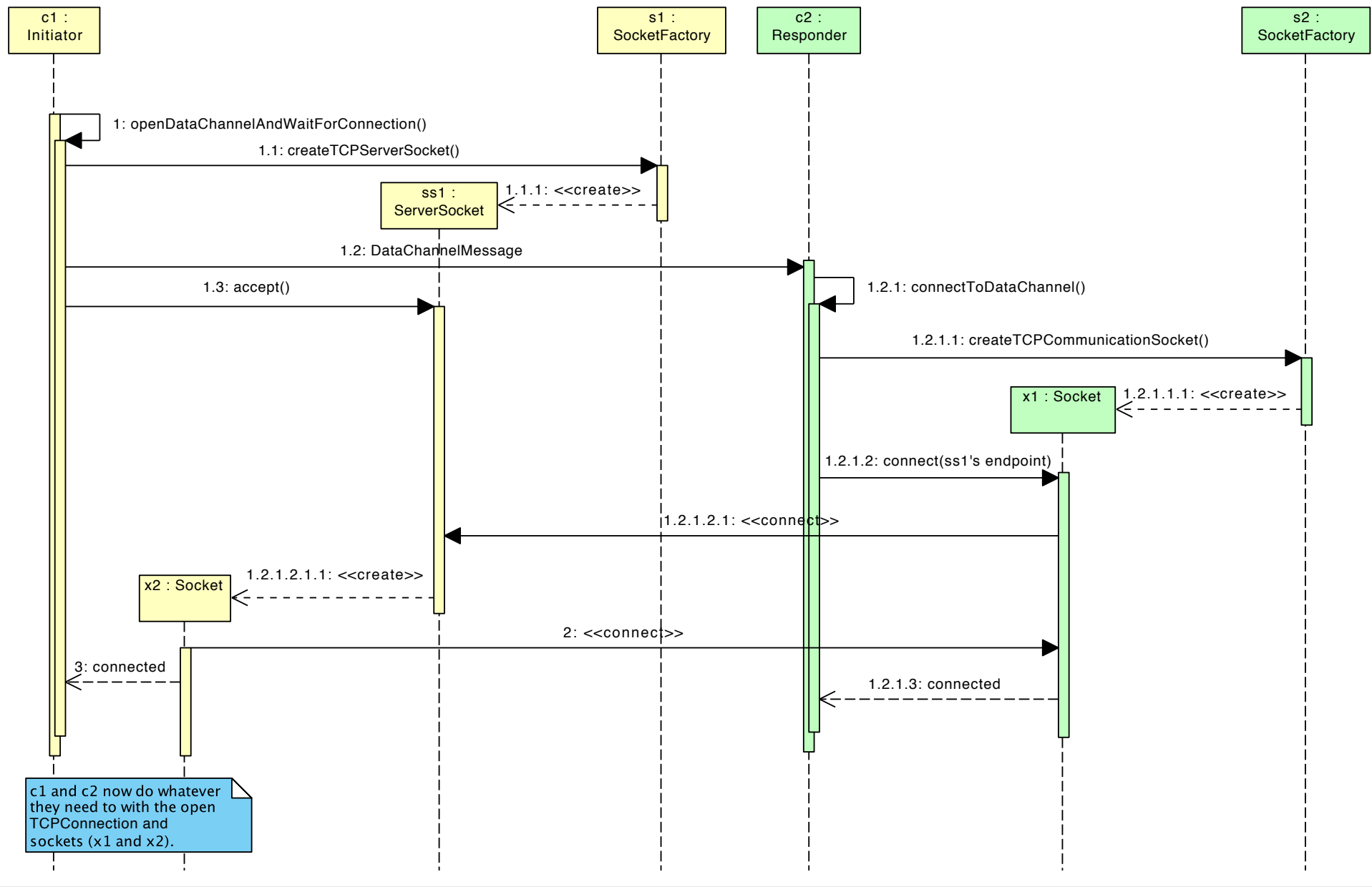
sd PostOffice receives a message for a new conversation



sd PostOffice receives a message for an existing conversation



sd Conversation involving a TCPConnection



Socket Creation

