**（1） 使用thrift进行对象序列化**

//对对象object进行序列化，保存到str中

**template** **<** **typename** **Type>**

**void** **Object2String(Type& object, string &str) {**

**shared\_ptr<TMemoryBuffer> membuffer(** **new** **TMemoryBuffer());**

**shared\_ptr<TProtocol> protocol(** **new** **TBinaryProtocol(membuffer));**

**object.write(protocol.get());**

**str.clear();**

**str = membuffer.getBufferAsString();**

**}**

**（2）使用thrift进行对象反序列化**

**//对str中保存的对象进行反序列化，保存到object中**

**template** **<** **typename** **Type>**

**void** **String2Object(string& buffer, Type &object) {**

**shared\_ptr<TMemoryBuffer> membuffer(** **new** **TMemoryBuffer(**

**reinterpret\_cast** **<uint\*>(buffer.data())));**

**shared\_ptr<TProtocol> protocol(** **new** **TBinaryProtocol(membuffer));**

**object.read(protocol.get());**

**}**