

Add to the end of section 8.17

When applied to a class handle (i.e., an object) the streaming operator shall stream the contents of the object, and not the handle itself. Class items are streamed in declaration order; extended class items shall follow the items of their super-class. Embedded class handles are streamed as other aggregate types: they are recursively traversed in depth-first order until reaching integral types. A null class handle shall be ignored (not streamed), and a warning may be issued. Null handles are skipped by both the pack and unpack operators; therefore, the unpack operation shall not create class objects. If a particular object hierarchy is to be reconstructed from a stream, the object hierarchy into which the stream is unpacked must be created before the streaming operator is applied. The result of streaming an object hierarchy that contains cycles shall be undefined, and an error may be issued.