

Subject: Comments on Section 5  
 From: Van Snyder  
 References: 02-163, dereference 02-177

## 1 Introduction

2 There is nothing here that was in 02-177. The present content was inspired by remarks from  
 3 the Editor in 02-163. Here's what the Editor had to say:

4 The para in 5.1.1.8 about "type-compatible" sure reads strangely for something  
 5 that is supposed to be a definition of the term. "Even though..." seems like a really  
 6 strange way to start a definition. I think the problem is that the paragraph presents  
 7 things in 100% the wrong order. It starts with the strangest case - one strange  
 8 enough that it feels it needs to introduce it with "Even though". It ends with the  
 9 most straightforward case. I'd reverse it. First define type-compatible for non-  
 10 polymorphic entities; that's the obvious, simple one that serves well to introduce  
 11 the concept. Then define it for polymorphic types. Finally, mention the special case  
 12 of unlimited polymorphic. (The last sentence in the para is about entities instead  
 13 of types; it could stay last).

## 14 2 Edits

15 Edits refer to 02-007r1. Page and line numbers are displayed in the margin. Absent other  
 16 instructions, a page and line number or line number range implies all of the indicated text is to  
 17 be replaced by associated text, while a page and line number followed by + (-) indicates that  
 18 associated text is to be inserted after (before) the indicated line. Remarks are noted in the  
 19 margin, or appear between [ and ] in the text.

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20 A nonpolymorphic entity is **type compatible** only with entities of the same type. A poly- 75:32-36  
 21 morphic entity that is not an unlimited polymorphic entity is type compatible with entities of  
 22 the same type or any of its extensions. Even though an unlimited polymorphic entity is not  
 23 considered to have a declared type, it is type compatible with all entities of extensible type.  
 24 An entity is said to be type compatible with a type if it is type compatible with entities of that  
 25 type.