

Subject: Define the declared type of unlimited polymorphic entities
 From: Van Snyder

1 Introduction

The declared type of an unlimited polymorphic entity is not specified. This paper proposes that the declared type doesn't exist, and therefore it cannot be considered to be the same as the declared type of any other entity. This makes the specifications for `SELECT TYPE` at 153:27-34 work as expected (which it can't if we don't at least define the concept of "declared type of an unlimited polymorphic entity"), makes the description of `SAME_TYPE_AS` easier, and makes the semantics of `SAME_TYPE_AS` more similar to the semantics of `ASSOCIATED`.

2 Edits

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

14 An unlimited polymorphic entity is not declared to have a type. It is not considered to have 71:23+
 15 the same declared type as any other entity, including another unlimited polymorphic entity. New ¶

16 [Editor: "An ... object" ⇒ "Even though an unlimited polymorphic entity is not considered 71:24
 17 to have a declared type, it".]

18 [Editor: "If ... otherwise the" ⇒ "The".] 332:3-4