

Subject: Correct a defect in intrinsic assignment
From: Van Snyder

1 Introduction

2 Suppose one has

```
3  real, allocatable :: A(:)
4  integer, allocatable :: B(:)
5
6  allocate ( a(10), b(5) )
7  b = 42
8  a = b
```

9 According to [158:21], A is deallocated before the assignment because the shapes differ, and then accord-
10 ing to [158:26] it is allocated with type integer. This is clearly absurd. At least in 06-007r1 the qualifier
11 “the variable is polymorphic and” was inserted before “the dynamic” at [158:29], but this doesn’t solve
12 the problem of trying to allocate A with type integer.

13 2 Edits

14 Edits refer to 06-007r1. Page and line numbers are displayed in the margin. Absent other instructions, a
15 page and line number or line number range implies all of the indicated text is to be replaced by associated
16 text, while a page and line number followed by + (-) indicates that associated text is to be inserted after
17 (before) the indicated line. Remarks are noted in the margin, or appear between [and] in the text.

18 [Editor: Insert “, if the variable is polymorphic,” before “with”.]

158:26