

Subject: Allow TYPE (*intrinsic-type-spec*)
From: Van Snyder
Reference: 03-258r1, section 2.2.1, 04-161

1 **1 Number**

2 TBD

3 **2 Title**

4 Allow TYPE (*intrinsic-type-spec*).

5 **3 Submitted By**

6 J3

7 **4 Status**

8 For consideration.

9 **5 Basic Functionality**

10 Allow TYPE (*intrinsic-type-spec*).

11 **6 Rationale**

12 For regularity and symmetry, allow TYPE (*intrinsic-type-spec*).

13 **7 Estimated Impact**

14 Trivial. Estimated at meeting 169 to be at 3 on the JKR scale.

15 **8 Detailed Specification**

16 Allow TYPE (*intrinsic-type-spec*) to declare entities of intrinsic type.

17 **8.1 Suggested edits**

18 The following suggested edits illustrate the magnitude of the project.

19 [Use TYPE(INTEGER) as well as INTEGER. Similar changes for the other intrinsic types — including 36:21
20 DOUBLE PRECISION — and some examples.]

21 [Editor: Replace R502 by] 71:9-12

22 R502 *declaration-type-spec* **is** *intrinsic-type-spec*
23 **or** TYPE (*type-spec*)
24 **or** CLASS (*derived-type-spec*)
25 **or** CLASS (*)

26 [The only difference to the existing definition of R502 is the revision of the second right-hand side.]

27 [Editor: After “specifier” insert “that specifies *derived-type-spec*”. Add another sentence at the end of 75:7
28 the paragraph:]

29 A TYPE specifier that specifies *intrinsic-type-spec* is used to declare entities of intrinsic type.