

Subject: Allow a local name to be the same as a module name
From: Van Snyder
Reference: 03-258r1, section 2.14.3

1 **Number**

2 TBD

3 **Title**

4 Allow a local name to be the same as a module name.

5 **Submitted By**

6 J3

7 **Status**

8 For consideration.

9 **Basic Functionality**

10 Allow a local name to be the same as a module name.

11 **Rationale**

12 If a module name appears in a USE statement in a scoping unit, no other entity in the scoping unit can
13 be declared with the same name. The module name isn't used for anything else, so there's no harm in
14 allowing it. There *is* harm in prohibiting it: If you already have a certain local name, and later need to
15 use a module of the same name in the same scoping unit where that name appears, your only recourse
16 is to change all occurrences of the local name to something different.

17 There also appears not to be a good reason that an entity declared in a module can't have the same
18 name as the module. I end up sticking `_M` on the end of module names just so as not to conflict with
19 procedure names — frequently the only procedure name — in the module.

20 **Estimated Impact**

21 Minor — probably only involves putting the module name in a different class in Section 16.

22 **Detailed Specification**

23 Allow a local name to be the same as a module name.

24 **History**