

Subject: Parameters Errata in Draft 5

Attached is a file with two ANSI-style parameter errata, and a couple of parameter questions.

Regards - Cliff

Erratum: Draft 5, Section 13.6, page 70, first example in section 13.6

WAS:

```
interface simple_bus #(parameter AWIDTH = 8, DWIDTH = 8;)
    (input bit clk); // Define the interface
```

PROPOSED: delete the ";" from the parameter list

```
interface simple_bus #(parameter AWIDTH = 8, DWIDTH = 8)
    (input bit clk); // Define the interface
```

Erratum: Draft 5, Section 14.2, page 73, example at the bottom of the page

WAS:

```
module ma #( parameter p1 = 1; parameter type p2 = shortint; )
    (input logic [p1:0] i, output logic [p1:0] o);
    p2 j = 0; // type of j is set by a parameter, which is shortint unless
    redefined
```

**PROPOSED: change the first parameter ";" to a comma and remove the second parameter ";"
and place the comment all on one line, above the p2 declaration**

```
module ma #(parameter p1 = 1, parameter type p2 = shortint )
    (input logic [p1:0] i, output logic [p1:0] o);
    // type of j is set by a parameter, which is shortint unless redefined
    p2 j = 0;
```

Questions:

Are the following legal and where are they defined in the BNF?

```
parameter type p2 = shortint
p2 j = 0;
```

This reminds me of macro substitution. The sentence above this example was not at all clear. Could someone suggest a better description?