

Subject: Oh No! Not more left hand functions!  
 From: Van Snyder

## 1 Introduction

Meeting 176 paper 06-154r4 changed the definition of *variable* from *designator* to *designator* or *expr*. This allows  $A+B=C+D$  so long  $A+B$  is a reference to a function that returns a pointer result. Similarly, it allows  $READ(1, IOSTAT=A+B)$  so long as  $A+B$  is a reference to a function that has a scalar integer pointer result, etc.

This was unintentional.

Is it what J3 wants?

## 2 Edits — Assuming it's not what J3 wants

Edits refer to 06-007. 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.

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13 *or function-reference* 115:7

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14 C602 (R601) The *function-reference* shall be a reference to a function that has a pointer result. 115:9

## 3 On the other hand ...

If we wish to allow  $READ(1, IOSTAT=A+B)$  so long as  $A+B$  is a reference to a function that has a scalar integer pointer result, etc., but not  $A+B=C+D$ :

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18 C716a (R734) If *variable* is *expr*, *expr* shall be *function-reference*. 157:3+

## 4 More stuff

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20 [Note 9.35 isn't quite right any more. Editor: After "references" insert "that does not have a pointer 230:17+2-3  
 21 result", and delete "may ...but" so as not to give the impression by omission that an expression whose  
 22 result isn't a pointer cannot appear in an output list.]