Subject: Issue 258
From: Van Snyder

1 Introduction

In issue 258, the editor remarked that several sentences concerning program arguments are confusing and misplaced. This paper rewords them (and a few others that were more clumsy or less precise than necessary), and re-arranges some things to be clearer.

2 Edits

Edits refer to 00-007r1. 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 immediately following text, while a page and line number followed by + indicates that immediately following text is to be inserted after the indicated line. Remarks for the editor are noted in the margin, or appear between [and] in the text.

[The main program arguments are not defined. Define them.] 236:16-18

The name and order of main program arguments is not significant. The use of each main program argument is determined by its type and rank:

- If a main program argument is a default character scalar with assumed length, it is the command program argument. There shall be no more than one command program argument.
- If a main program argument is a default character array of rank one with assumed length and explicit lower bound of zero, it is the argument text program argument. There shall be no more than one argument text program argument.
- If a main program argument is a default integer array of rank one and explicit lower bound of zero, it is the argument length program argument. There shall be no more than one argument length program argument.

There shall be no other main program arguments.

[Editor: Delete. Done by edit at [236:16-18].] 236:20-21

[(State in terms of assignment, so that trailing blanks get filled automatically):] 236:22-23

The processor shall assign a representation of the entire command that invoked the program to the command program argument.

[Editor: Delete. Done by edit at [236:16-18].] 236:25-26

[Editor: Replace "The argument ... command name" by the following (state in terms of assignment, so that trailing blanks get filled automatically):] 236:27-28

The processor shall assign a representation of the command name and the command arguments to the argument text program argument.

[Editor: Insert a new paragraph:] 236:29+

The processor shall ensure that the length of the argument text program argument is not less

than the maximum value of any element of the argument length program argument.

[Editor: Delete. Done by edit at [236:16-18].]	236:31-32
[Editor: "corresponence" ⇒ "correspondence".]	236:34
[Editor: Delete.]	236:36-40
[Editor: Delete issue 258.]	237:6-19