

To: /B subgroup
 Subject: Issue 339
 From: Van Snyder

1 Introduction

Unresolved issue note 339 says

The bnf term *external-file-unit* (R902) is now inappropriate because it can sometimes be used for files that are not external. Notably in child data transfer statements, where it might be connected to an internal unit. None of the occurrences actually depend on this terminology. Several statements do use the bnf term in their bnf in places where an internal unit won't do. But none of them rely on the bnf for that restriction. The only way this syntax could refer to an internal unit is in a child data transfer statement and we prohibit all the questionable statements on a unit while a parent is active except *inquire*, which we handle explicitly). The defining thing about this bnf term is not that it represents an external file, but that it is a number.

The editor suggests changing *external-file-unit* to *file-unit-number* and not changing *internal-file-unit*.

This paper proposes that *external-file-unit* be changed to *int-file-unit* and *internal-file-unit* be changed to *char-file-unit*. The reason for using *int-file-unit* instead of *file-unit-number* is to avoid needing to change “an” to “a”. The reason for changing *internal-file-unit* is that internal files are sometimes (i.e. in child data transfers) denoted by integers.

2 Edits

Edits refer to 01-007r2. 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 (before) the indicated line. Remarks are noted in the margin, or appear between [and] in the text.

[Editor: Delete unresolved issue note 339.] 169:3-18

[Editor: Replace *external-file-unit* by *int-file-unit* at the following places:

168:19 169:22 169:26 171:10 171:31 174:42 175:5 177:2 193:21 193:29
 194:24 194:26 194:28 194:34 194:39 196:23 197:19 266:44]

[Editor: “*internal-file-unit*” ⇒ “*char-file-unit*” twice.] 168:21,23

[Editor: “and is specified by an *internal-file-unit*” ⇒ “; it is specified by a *char-file-unit* except in a child data transfer statement, where it is specified by an *int-file-unit*”.] 168:27

[Editor: “*internal-file-unit*” ⇒ “*char-file-unit*”] 386:34