Subject: A problem I had in converting Fortran 77 to Fortran 95
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1 Introduction

I was given 463 files of Fortran 77 external procedures to convert to Fortran 95 module procedures. This was a library of mathematical software, without much inter-procedure interaction, so I wouldn't need to insert many USE statements. I thought I would have an easy time if I made a module for each procedure:

```
module xyz_module
contains
  include 'xyz.f'
end module xyz_module
```

and then added a few USE statements.

Unfortunately, I stumbled over the constraints at [267:9-10] and [269:5-6], that require END FUNCTION and END SUBROUTINE instead of simply END for module procedures.

A simple perl script could have fixed the END statements, but then I would have two files to maintain.

When I first saw these constraints, probably 1n 1988, I thought they were a good idea. Now, I'm having second thoughts. Can we remove the "or module" parts? It wouldn't invalidate any existing program.

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.

[Editor: Delete "or module".]	267:9-10
[Editor: Delete "or module".]	269:5-6