NAME

asa – convert FORTRAN carriage-control output to printable form

SYNOPSIS

asa [**–f**] [*file...*]

AVAILABILITY

SUNWcsu

DESCRIPTION

The **asa** utility will write its input files to standard output, mapping carriage-control characters from the text files to line-printer control sequences.

The first character of every line will be removed from the input, and the following actions will be performed.

If the character removed is:

SPACE The rest of the line will be output without change.

0 It is replaced by a newline control sequence followed by the rest of the input line.

1 It is replaced by a newpage control sequence followed by the rest of the input line.

+ It is replaced by a control sequence that causes printing to return to the first column of the previous line, where the rest of the input line is printed.

For any other character in the first column of an input line, **asa** skips the character and prints the rest of the line unchanged.

If **asa** is called without providing a *filename,* the standard input is used.

OPTIONS

–f Start each file on a new page.

OPERANDS

file A pathname of a text file used for input. If no *file* operands are specified, or '–' is specified, then the standard input will be used.

EXAMPLES

The command

a.out | asa | lp

converts output from **a.out** to conform with conventional printers and directs it through a pipe to the printer.

The command

asa *output*

shows the contents of file *output* on a terminal as it would appear on a printer.

The following program is used in the next two examples:

```
write(*,'(" Blank")')
write(*,'("0Zero ")')
write(*,'("+       Plus ")')
write(*,'("1One  ")')
end
```

Example 1. With actual files:

a.out > MyOutputFile
asa < MyOutputFile | lp

Example 2. With only pipes: **a.out | asa | lp**

Both of the above examples produce two pages of output.
Page 1:
Blank

ZeroPlus
Page 2:
One

ENVIRONMENT

See **environ**(5) for descriptions of the following environment variables that affect the execution of **asa**: **LC_CTYPE**, **LC_MESSAGES**, and **NLSPATH**.

EXIT STATUS

The following exit values are returned:

0 All input files were output successfully.
>0 An error occurred.

SEE ALSO

lp(1), **environ**(5)