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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'fnmatch.3am'***

***\$ man fnmatch.3am***

FNMATCH(3am) GNU Awk Extension Modules FNMATCH(3am)

NAME

fnmatch - compare a string against a filename wildcard

SYNOPSIS

@load "fnmatch"

result = fnmatch(pattern, string, flags)

DESCRIPTION

The fnmatch extension provides an AWK interface to the fnmatch(3) routine. It adds a single function named fnmatch(), one predefined variable (FNM\_NOMATCH), and an array of flag values named FNM.

The first argument is the filename wildcard to match, the second is the filename string, and the third is either zero, or the bitwise OR of one or more of the flags in the FNM array.

The return value is zero on success, FNM\_NOMATCH if the string did not match the pattern, or a different non-zero value if an error occurred.

The flags are follows:

FNM["CASEFOLD"]

Corresponds to the FNM\_CASEFOLD flag as defined in fnmatch(3).

FNM["FILE\_NAME"]

Corresponds to the FNM\_FILE\_NAME flag as defined in `fnmatch(3)`.

FNM["LEADING\_DIR"]

Corresponds to the FNM\_LEADING\_DIR flag as defined in `fnmatch(3)`.

FNM["NOESCAPE"]

Corresponds to the FNM\_NOESCAPE flag as defined in `fnmatch(3)`.

FNM["PATHNAME"]

Corresponds to the FNM\_PATHNAME flag as defined in `fnmatch(3)`.

FNM["PERIOD"]

Corresponds to the FNM\_PERIOD flag as defined in `fnmatch(3)`.

## NOTES

Nothing prevents AWK code from changing the predefined variable `FNM_NO_MATCH`, but doing so may cause strange results.

## EXAMPLE

```
@load "fnmatch"
...
flags = or(FNM["PERIOD"], FNM["NOESCAPE"])
if (fnmatch("*.a", "foo.c", flags) == FNM_NOMATCH)
    print "no match"
```

## SEE ALSO

GAWK: Effective AWK Programming, `filefuncs(3am)`, `fork(3am)`, `inplace(3am)`, `ordchr(3am)`, `readdir(3am)`, `readfile(3am)`, `revoutput(3am)`, `rvarray(3am)`, `time(3am)`.  
`fnmatch(3)`.

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