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3224 Sun Jul 20 11:27:31 2014

new/usr/src/man/man1/apropos.1

apropos

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15 .Dd Jul 18, 2014
6  .Dt APROPOS 1
7  .Os
8  .Sh NAME
9  .Nm apropos, whatis
10 .Nd locate commands by keyword lookup
19 .Nm apropos ,
20 .Nm whatis
21 .Nd keyword search in
22 .Nm whatis
23 database files
11 .Sh SYNOPSIS
12 .Nm apropos
25 .Nm
13 .Op Fl M Ar path
14 .Op Fl s Ar section
15 .Ar keyword ...
16 .Nm whatis
17 .Op Fl M Ar path
18 .Op Fl s Ar section
19 .Ar keyword ...
20 .Sh DESCRIPTION
21 The
22 .Nm apropos
23 utility displays the man page name, section number, and a
24 short description for each man page whose
25 .Em NAME
26 line contains
27 .Ar keyword .
28 This information is contained in the
35 .Nm
36 utility searches a set of
29 .Nm whatis
30 database created by the
31 .Fl w
32 option used with
33 .Xr man 1 .
34 If this database is not present,
35 .Nm apropos
36 and
37 .Nm whatis
38 fail.

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39 .Lp
40 Each word is considered
41 separately and the case of letters is ignored. Words which are part of other
42 words are considered; for example, when looking for
43 .Sq compile ,
44 .Nm apropos
45 finds all instances of
46 .Sq compiler
47 also.
48 .Lp
38 database files matching each
39 .Ar keyword .
49 The
50 .Nm whatis
51 command performs the same search, but only matches whole words. In the above
52 example,
42 utility does the same search but only on complete words. The
53 .Nm whatis
54 would not match the instances of
55 .Sq compiler
56 when
57 .Ar keyword
58 is
59 .Sq compile .
60 .Lp
61 The
62 .Nm apropos
63 command is actually just the
64 .Fl -k
65 option to the
44 database files are created using the
66 .Xr man 1
67 command.
68 .Sh OPTIONS
69 .Bl -tag -width "-s section"
48 .Bl -tag -width ".Fl d"
70 .It Fl M Ar path
71 Force a specific colon separated manual path instead of the
72 default search path. Overrides the MANPATH environment variable.
50 Force a specific colon separated manual path instead of the default search path.
51 Overrides the
52 .Ev MANPATH
53 environment variable.
73 .It Fl s Ar section
74 Restrict search to specified section.
55 Restrict search to specified
56 .Ar section .
75 .El
76 .Sh ENVIRONMENT
77 .Bl -tag -width "MANPATH, PATH"
59 The following environment variables affect the execution of
60 .Nm :
61 .Bl -tag -width ".Ev MANPATH , PATH"
78 .It Ev MANPATH , PATH
79 Used to find the location of the
80 .Nm whatis.
81 database.
65 database files.
82 .El
83 .Sh FILES
84 .Bl -tag -width "/usr/share/man/whatis"
85 .It Pa /usr/share/man/whatis
86 table of contents and keyword database
87 .El
88 .Sh EXAMPLES
89 .Ss Example 1 To find a man page whose NAME line contains a keyword

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90 Try
91 .Lp
92 .Dl example% apropos password
93 .Lp
94 If the line starts
95 .So Ar filename Ns Po Ar section Pc .\|.\. Sc
96 you can run
97 .Lp
98 .Dl % Nm man Fl s Ar section Ar filename
99 .Lp
100 to display the man page for \fifilename\fR.
101 .Ss Example 2 To find the man page for the subroutine \fBprintf()
102 Try
103 .Lp
104 .Dl example% Nm apropos Li format
105 .Lp
106 and then
107 .Lp
108 .Dl example% Nm man Fl s Ar 3C Li printf
109 .Lp
110 to get the manual page on the subroutine
111 .Xr printf 3C .
112 .Sh DIAGNOSTICS
113 .Bl -tag -width Ds
114 .It "/usr/share/man/whatis: No such file or directory"
115 The
116 .Nm
117 utility exits 0 if a keyword matched and 1 if no keywords are matched or no
118 .Nm whatis
119 database does not exist.
120 The command
121 .Nm man
122 .Fl w
123 must be run to create it.
124 .El
125 .Sh CODE SET INDEPENDENCE
126 Enabled.
127 72 databases are found.
128 .Sh INTERFACE STABILITY
129 .Nm Committed .
130 .Sh CODE SET INDEPENDENCE
131 Enabled.
132 .Sh SEE ALSO
133 .Xr man 1 ,
134 .Xr catman 1M
135 .Xr mandoc 1
```