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*****
9196 Mon Jan 21 10:24:57 2019
new/usr/src/man/man1m/editmap.1m
9097 typos in makemap(1M)/editmap(1M)
*****
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25 .\" Portions Copyright (c) 2009, Sun Microsystems, Inc. All Rights Reserved.
26 .\" Copyright (c) 2019 Peter Tribble.
27 .TH EDITMAP 1M "Jan 21, 2019"
28 .SH NAME
29 editmap \- query and edit single records in database maps for sendmail
30 .SH SYNOPSIS
31 .LP
32 .nf
33 \fBeditmap\fR \fB-C\fR \fB-I\fR [\fB-N\fR] [\fB-f\fR] [\fB-q\fR | \fB-u\fR | \
34 ["\fB-i\fR value\fR"]...
35 .fi

37 .SH DESCRIPTION
37 .sp
38 .LP
39 The \fBeditmap\fR command queries or edits one record in a database maps used
40 by the keyed map lookups in \fBsendmail\fR(1M). Arguments are passed on the
41 command line and output (for queries) is directed to standard output.
42 .sp
43 .LP
44 Depending on how it is compiled, \fBeditmap\fR handles up to three different
45 database formats, selected using the \fBImaptype\fR parameter. See
46 \fBOPERANDS\fR.
47 .sp
48 .LP
49 If the \fBTrustedUser\fR option is set in the \fBsendmail\fR configuration
50 file and \fBeditmap\fR is invoked as root, the generated files are owned by the
51 specified \fBTrustedUser\fR.
52 .SH OPTIONS
53 .sp
53 .LP
54 The following options are supported:
55 .sp
56 .ne 2
57 .na

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58 \fB-C\fR \fB-I\fR \fB-Ifile\fR
59 \fB-C\fR \fB-Ifile\fR \fB-Ifile\fR
59 .ad
60 .RS 11n
61 Use the specified \fBsendmail\fR configuration file (\fB-Ifile\fR) to look up the
62 \fBTrustedUser\fR option.
63 .RE

65 .sp
66 .ne 2
67 .na
68 \fB-f\fR
69 \fB-f\fR \fB-f\fR
69 .ad
70 .RS 11n
71 Disable the folding of all upper case letters in the key to lower case.
72 Normally, all upper case letters in the key are folded to lower case. This is
73 intended to mesh with the \fB-f\fR flag in the \fBK\fR line in
74 \fBsendmail.cf\fR. The value is never case folded.
75 .RE

77 .sp
78 .ne 2
79 .na
80 \fB-N\fR
81 \fB-N\fR \fB-N\fR
81 .ad
82 .RS 11n
83 Include the null byte that terminates strings in the map (for alias maps).
84 Include the null byte that terminates strings in the map (for alias maps).
84 .RE

86 .sp
87 .ne 2
88 .na
89 \fB-q\fR
90 \fB-q\fR \fB-q\fR
90 .ad
91 .RS 11n
92 Query the map for the specified key. If found, print value to standard output
93 and exit with \fB0\fR. If not found then print an error message to \fBstdout\fR
94 and exit with \fBEX_UNAVAILABLE\fR.
95 .RE

97 .sp
98 .ne 2
99 .na
100 \fB-u\fR
101 \fB-u\fR \fB-u\fR
101 .ad
102 .RS 11n
103 Update the record for the specified key with the specified value or inserts a
104 new record if one doesn't exist. Exits with \fB0\fR on success or
105 \fBEX_IOERR\fR on failure.
104 Update the record for key with value or inserts a new record if one doesn't
105 exist. Exits with \fB0\fR on success or \fBEX_IOERR\fR on failure.
106 .RE

108 .sp
109 .ne 2
110 .na
111 \fB-x\fR
111 \fB-x\fR \fB-x\fR
112 .ad
113 .RS 11n

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114 Delete the specified key from the map. Exits with \fB0\fR on success or
114 Delete the specific key from the map. Exit with \fB0\fR on success or
115 \fBEX_IOERR\fR on failure.
116 .RE

118 .SH OPERANDS
119 .sp
119 .LP
120 The following operands are supported:
121 .sp
122 .ne 2
123 .na
124 \fIkey\fR
125 \fB\fIkey\fR\fR
125 .ad
126 .RS 12n
127 The left hand side of a record.
128 .sp
129 Each record is of the form:
130 .sp
131 .in +2
132 .nf
133 \fIkey\fR \fIvalue\fR
134 .fi
135 .in -2
136 .sp

138 \fIkey\fR and \fIvalue\fR are separated by white space.
139 .RE

141 .sp
142 .ne 2
143 .na
144 \fImapname\fR
145 \fB\fImapname\fR\fR
145 .ad
146 .RS 12n
147 File name of the database map being created.
148 .RE

150 .sp
151 .ne 2
152 .na
153 \fImaptype\fR
154 \fB\fImaptype\fR\fR
154 .ad
155 .RS 12n
156 Specifies the database format. The following \fImaptype\fR parameters are
157 available:
158 .sp
159 .ne 2
160 .na
161 \fBdbm\fR
162 \fB\fBdbm\fR\fR
162 .ad
163 .RS 10n
164 Specifies \fBDBM\fR format maps.
165 .RE

167 .sp
168 .ne 2
169 .na
170 \fBbtree\fR
171 \fB\fBbtree\fR\fR
171 .ad
172 .RS 10n

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173 Specifies B-Tree format maps.
174 .RE

176 .sp
177 .ne 2
178 .na
179 \fBhash\fR
180 \fB\fBhash\fR\fR
180 .ad
181 .RS 10n
182 Specifies hash format maps.
183 .RE

185 .RE

187 .sp
188 .ne 2
189 .na
190 \fIvalue\fR
191 \fB\fIvalue\fR\fR
191 .ad
192 .RS 12n
193 The right hand side of a record.
194 .sp
195 Each record is of the form:
196 .sp
197 .in +2
198 .nf
199 \fIkey\fR \fIvalue\fR
200 .fi
201 .in -2
202 .sp

204 \fIkey\fR and \fIvalue\fR are separated by white space.
205 .RE

207 .SH SEE ALSO
209 .sp
208 .LP
209 \fBmakemap\fR(1M), \fBsendmail\fR(1M), \fBattributes\fR(5)

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*****
9886 Mon Jan 21 10:24:57 2019
new/usr/src/man/man1m/makemap.1m
9097 typos in makemap(1M)/editmap(1M)
*****
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26 .\" Copyright (c) 2019 Peter Tribble.
27 .TH MAKEMAP 1M \"Jan 21, 2019\"
28 .TH MAKEMAP 1M \"Apr 22, 2008\"
29 .SH NAME
30 makemap - create database maps for sendmail
31 .SH SYNOPSIS
32 .LP
33 .nf
34 \fBmakemap\fR [\fB-N\fR] [\fB-d\fR] [\fB-f\fR] [\fB-o\fR] [\fB-r\fR] [\fB-s\fR]
35 [\fB-c\fR \fIcachesize\fR] [\fB-D\fR \fIcommentchar\fR] [\fB-e\fR] [\fB-l\f
36 [\fB-u\fR] \fIimaptype\fR \fIimapname\fR
37 [\fB-u\fR] \fIimaptype\fR \fIimapname\fR
38 .fi
39 .SH DESCRIPTION
40 .sp
41 .LP
42 \fBmakemap\fR creates the database maps used by the keyed map lookups in
43 \fBsendmail\fR(1M). \fBmakemap\fR reads from the standard input and outputs to
44 the specified \fIimapname\fR.
45 .sp
46 .LP
47 In all cases, \fBmakemap\fR reads lines from the standard input consisting of
48 two words separated by whitespace. The first is the database key, the second is
49 the value. The value may contain \fB%\fR\fIn\fR strings to indicate parameter
50 the value. The value may contain \fB%\fR\fIn\fR strings to indicated parameter
51 substitution. Literal percents should be doubled (\fB%\fR). Blank lines and
52 lines beginning with \fB#\fR are ignored.
53 .sp
54 .LP
55 Depending on how it is compiled, \fBmakemap\fR handles up to three different
56 database formats, selected using the \fIimaptype\fR parameter. See
57 \fBOPERANDS\fR.
58 \fBmakemap\fR handles three different database formats. Database format is
59 selected using the \fIimaptype\fR parameter. See \fBOPERANDS\fR.
60 .SH OPTIONS

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55 .sp
56 .LP
57 The following options are supported:
58 .sp
59 .ne 2
60 .na
61 \fB-c\fR \fIcachesize\fR
62 \fB-c\fR \fIcachesize\fR
63 .ad
64 .RS 18n
65 Use the specified hash and B-Tree cache size (\fIcachesize\fR).
66 .RE
67 .sp
68 .ne 2
69 .na
70 \fB-C\fR \fIifile\fR
71 \fB-C\fR \fIifile\fR
72 .ad
73 .RS 18n
74 Use the specified \fBsendmail\fR configuration file (\fIifile\fR) for looking up
75 the \fBTrustedUser\fR option.
76 Use the specified sendmail configuration file (\fIifile\fR) for looking up the
77 TrustedUser option.
78 .RE
79 .sp
80 .ne 2
81 .na
82 \fB-d\fR
83 \fB-d\fR
84 .ad
85 .RS 18n
86 Allow duplicate keys in the map. This is only allowed on B-Tree format maps. If
87 two identical keys are read, both are inserted into the map.
88 two identical keys are read, both be inserted into the map.
89 .RE
90 .sp
91 .ne 2
92 .na
93 \fB-D\fR \fIcommentchar\fR
94 \fB-D\fR \fIcommentchar\fR
95 .ad
96 .RS 18n
97 Use the specified character to indicate a comment (which is ignored) instead of
98 the default of '\fB#\fR'.
99 .RE
100 .sp
101 .ne 2
102 .na
103 \fB-e\fR
104 \fB-e\fR
105 .ad
106 .RS 18n
107 Allow empty value (right hand side).
108 .RE
109 .sp
110 .ne 2
111 .na
112 \fB-f\fR
113 \fB-f\fR
114 .ad
115 .RS 18n

```

112 Normally, all upper case letters in the key are folded to lower case. This flag  
 113 disables that behavior. This is intended to mesh with the \fB-f\fR flag in the  
 114 \fBK\fR line in \fBsendmail.cf\fR. The value is never case folded.  
 115 .RE

117 .sp  
 118 .ne 2  
 119 .na  
 120 \fB-l\fR  
 120 \fB\fB-l\fR  
 121 .ad  
 122 .RS 18n  
 123 List supported map types.  
 124 .RE

126 .sp  
 127 .ne 2  
 128 .na  
 129 \fB-N\fR  
 129 \fB\fB-N\fR  
 130 .ad  
 131 .RS 18n  
 132 Include the null byte that terminates strings in the map. This must match the  
 133 \fB-N\fR flag in the \fBK\fR line in \fBsendmail.cf\fR.  
 133 \fB-N\fR flag in the \fBK\fR line in \fBsendmail.cf\fR  
 134 .RE

136 .sp  
 137 .ne 2  
 138 .na  
 139 \fB-o\fR  
 139 \fB\fB-o\fR  
 140 .ad  
 141 .RS 18n  
 142 Append to an old file. This allows you to augment an existing file.  
 143 .RE

145 .sp  
 146 .ne 2  
 147 .na  
 148 \fB-r\fR  
 148 \fB\fB-r\fR  
 149 .ad  
 150 .RS 18n  
 151 Allow replacement of existing keys. Normally \fBmakemap\fR complains if you  
 152 repeat a key, and does not do the insert.  
 153 .RE

155 .sp  
 156 .ne 2  
 157 .na  
 158 \fB-s\fR  
 158 \fB\fB-s\fR  
 159 .ad  
 160 .RS 18n  
 161 Ignore safety checks on maps being created. This includes checking for hard or  
 162 symbolic links in world writable directories.  
 163 .RE

165 .sp  
 166 .ne 2  
 167 .na  
 168 \fB-t\fR \fIdelim\fR  
 168 \fB\fB-t\fR \fIdelim\fR  
 169 .ad  
 170 .RS 18n

171 Use the specified delimiter (\fIdelim\fR) instead of whitespace.  
 172 .RE

174 .sp  
 175 .ne 2  
 176 .na  
 177 \fB-u\fR  
 177 \fB\fB-u\fR  
 178 .ad  
 179 .RS 18n  
 180 Dump (unmap) the content of the database to standard output. Note that, if the  
 181 \fB-t\fR option is also provided, the specified delimiter is used when the  
 182 content is dumped instead of whitespace.  
 183 .RE

185 .sp  
 186 .ne 2  
 187 .na  
 188 \fB-v\fR  
 188 \fB\fB-v\fR  
 189 .ad  
 190 .RS 18n  
 191 **Verbosely print keys and values being added.**  
 191 *Verbosely print what it is doing.*  
 192 .RE

194 .SH OPERANDS  
 195 .sp  
 195 .LP  
 196 The following operands are supported:  
 197 .sp  
 198 .ne 2  
 199 .na  
 200 \fImapname\fR  
 201 \fB\fImapname\fR  
 201 .ad  
 202 .RS 11n  
 203 File name of the database map being created.  
 204 .RE

206 .sp  
 207 .ne 2  
 208 .na  
 209 \fImaptype\fR  
 210 \fB\fImaptype\fR  
 210 .ad  
 211 .RS 11n  
 212 Specifies the database format. The following \fImaptype\fR parameters are  
 213 available:  
 214 .sp  
 215 .ne 2  
 216 .na  
 217 \fBdbm\fR  
 218 \fB\fBdbm\fR  
 218 .ad  
 219 .RS 9n  
 220 Specifies \fBDBM\fR format maps.  
 221 .RE

223 .sp  
 224 .ne 2  
 225 .na  
 226 \fBbtree\fR  
 227 \fB\fBbtree\fR  
 227 .ad  
 228 .RS 9n

new/usr/src/man/man1m/makemap.1m

5

229 Specifies B-Tree format maps.  
230 .RE

232 .sp  
233 .ne 2  
234 .na  
235 **\fBhash\fR**  
236 *\fB\fBhash\fR\fR*  
236 .ad  
237 .RS 9n  
238 Specifies hash format maps.  
239 .RE

241 .RE

243 .SH SEE ALSO  
244 .LP  
245 \fBeditmap\fR(1M), \fBsendmail\fR(1M), \fBattributes\fR(5)