

new/usr/src/cmd/mdb/Makefile.mdb

1

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*****
4418 Mon May 6 14:57:50 2019
new/usr/src/cmd/mdb/Makefile.mdb
10921 mdb_nicenum() needs smatch fix
*****
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32 #
33 .KEEP_STATE:
34 .SUFFIXES:
35 #
36 SRCS += \
37     ffs.c \
38     mdb.c \
39     mdb_addrvec.c \
40     mdb_argvec.c \
41     mdb_callb.c \
42     mdb_cmdbuf.c \
43     mdb_cmds.c \
44     mdb_conf.c \
45     mdb_context.c \
46     mdb_create.c \
47     mdb_ctf.c \
48     mdb_ctf_open.c \
49     mdb_debug.c \
50     mdb_demangle.c \
51     mdb_disasm.c \
52     mdb_dump.c \
53     mdb_err.c \
54     mdb_evset.c \
55     mdb_fdio.c \
56     mdb_fmt.c \
57     mdb_frame.c \
58     mdb_gelf.c \
59     mdb_help.c \
60     mdb_io.c \
```

new/usr/src/cmd/mdb/Makefile.mdb

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```
61     mdb_kb_kvmm.c \
62     mdb_kproc.c \
63     mdb_kvmm.c \
64     mdb_logio.c \
65     mdb_list.c \
66     mdb_macalias.c \
67     mdb_main.c \
68     mdb_memio.c \
69     mdb_modapi.c \
70     mdb_module.c \
71     mdb_module_load.c \
72     mdb_nm.c \
73     mdb_nv.c \
74     mdb_pipeio.c \
75     mdb_print.c \
76     mdb_proc.c \
77     mdb_pservice.c \
78     mdb_rawfile.c \
79     mdb_set.c \
80     mdb_shell.c \
81     mdb_signal.c \
82     mdb_stdlib.c \
83     mdb_string.c \
84     mdb_strio.c \
85     mdb_tab.c \
86     mdb_target.c \
87     mdb_tdb.c \
88     mdb_termio.c \
89     mdb_typedef.c \
90     mdb_umem.c \
91     mdb_value.c \
92     mdb_vcb.c \
93     mdb_wcb.c \
94     mdb_whatisc.c
95 #
96 $(NOT_RELEASE_BUILD)CPPFLAGS += -DDEBUG
97 CPPFLAGS += -D_MDB -I. -I../.. -I../..../common
98 #
99 CSTD= $(CSTD_GNU99)
100 C99LMODE= -Xc99=%all
101 #
102 LDLIBS += -lcurses -lkvm -lproc -lrtld_db -lctf -lumem -ldisasm -lscf
103 LDLIBS += -ldemangle-sys
104 #
105 CERRWARN += -_gcc=-Wno-uninitialized
106 CERRWARN += -_gcc=-Wno-char-subscripts
107 CERRWARN += -_gcc=-Wno-clobbered
108 CERRWARN += -_gcc=-Wno-parentheses
109 CERRWARN += -_gcc=-Wno-unused-label
110 CERRWARN += -_gcc=-Wno-unused-variable
111 #
112 SMOFF += all_func_returns
113 #
114 # -erroff=E_INCONS_ARG_DECL2 works around a problem where lint gets confused
115 # about how struct mdb_tgt_gregset is used in mdb_tgt_stack_f() and
116 # mdb_tgt_stack_iter_f(). Will be resolved as part of fix for CR 6749868.
117 #
118 LINTFLAGS += -n -errtags=yes -erroff=E_INCONS_ARG_DECL2
119 LINTFILES = $(SRCS:%.c=%.ln)
120 #
121 PROG = mdb
122 OBJS = $(SRCS:%.c=%.o) mdb_lex.o mdb_grammar.o
123 #
124 LINK = adb
125 ROOTLINK = $(ROOTBIN)/$(LINK)
```

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```
125 ROOTLINK32 = $(LINK:%=$(ROOTBIN32)/%)
126 ROOTLINK64 = $(LINK:%=$(ROOTBIN64)/%)

128 .NO_PARALLEL:
129 .PARALLEL: $(OBJS) $(LINTFILES)

131 all: $(PROG)

133 $(PROG): $(OBJS)
134     $(LINK.c) $(OBJS) -o $@ $(LDLIBS)
135     $(CTFMERGE) -L VERSION -o $@ $(OBJS)
136     $(POST_PROCESS)

138 $(ROOTLINK32): $(ROOTPROG32)
139     $(RM) $@
140     $(LN) $(ROOTPROG32) $@

142 $(ROOTLINK64): $(ROOTPROG64)
143     $(RM) $@
144     $(LN) $(ROOTPROG64) $@

146 mdb_lex.c: ../../../../common/mdb/mdb_lex.l mdb_grammar.h
147     $(LEX) $(LFLAGS) ../../../../common/mdb/mdb_lex.l > $@

149 mdb_grammar.h mdb_grammar.c: ../../../../common/mdb/mdb_grammar.y
150     $(YACC) $(YFLAGS) ../../../../common/mdb/mdb_grammar.y
151     @$ (MV) y.tab.h mdb_grammar.h
152     @$ (MV) y.tab.c mdb_grammar.c

154 mdb_lex.o mdb_grammar.o := CCVERBOSE =

156 mdb_conf.o := CPPFLAGS += -DMDB_VERSION='$(MDB_VERSION)'

158 inet_ntop.o := CPPFLAGS += -Dsnprintf=mdb_snprintf

160 ffs.o ffs.ln := CPPFLAGS += -Dffs=mdb_ffs

162 %.o: ../../../../common/mdb/%.c
163     $(COMPILE.c) $<
164     $(CTFCONVERT_O)

166 %.o: ../../mdb/%.c
167     $(COMPILE.c) $<
168     $(CTFCONVERT_O)

170 %.o: %.c
171     $(COMPILE.c) $<
172     $(CTFCONVERT_O)

174 %.o: $(SRC)/common/net/util/%.c
175     $(COMPILE.c) $<
176     $(CTFCONVERT_O)

178 %.o: $(SRC)/common/util/%.c
179     $(COMPILE.c) $<
180     $(CTFCONVERT_O)

182 clean.lint:
183     $(RM) $(LINTFILES)

185 clean:
186     $(RM) $(OBJS)
187     $(RM) mdb_lex.c mdb_grammar.c mdb_grammar.h y.tab.h y.tab.c y.output

189 clobber: clean clean.lint
190     $(RM) $(PROG)
```

new/usr/src/cmd/mdb/Makefile.mdb

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```
192 %.ln: ../../../../common/mdb/%.c
193     $(LINT.c) -c $<

195 %.ln: ../../mdb/%.c
196     $(LINT.c) -c $<

198 %.ln: %.c
199     $(LINT.c) -c $<

201 %.ln: $(SRC)/common/net/util/%.c
202     $(LINT.c) -c $<

204 %.ln: $(SRC)/common/util/%.c
205     $(LINT.c) -c $<

207 lint: $(LINTFILES)
208     $(LINT) $(LINTFLAGS) $(LINTFILES)

210 dmods:
```

```

*****
23484 Mon May 6 14:57:51 2019
new/usr/src/cmd/mdb/common/mdb/mdb_modapi.c
10921 mdb_nicenum() needs smatch fix
*****
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27 */

29 #include <mdb/mdb_modapi.h>
30 #include <mdb/mdb_module.h>
31 #include <mdb/mdb_string.h>
32 #include <mdb/mdb_debug.h>
33 #include <mdb/mdb_callb.h>
34 #include <mdb/mdb_dump.h>
35 #include <mdb/mdb_err.h>
36 #include <mdb/mdb_io.h>
37 #include <mdb/mdb_lex.h>
38 #include <mdb/mdb_frame.h>
39 #include <mdb/mdb.h>

41 /*
42  * Private callback structure for implementing mdb_walk_dcmd, below.
43  */
44 typedef struct {
45     mdb_idcmd_t *dw_dcmd;
46     mdb_argvec_t dw_argv;
47     uint_t dw_flags;
48 } dcmd_walk_arg_t;
49 unchanged_portion_omitted

76 void
77 mdb_nicenum(uint64_t num, char *buf)
78 {
79     uint64_t n = num;
80     int index = 0;
81     char *u;

83     while (n >= 1024) {
84         n = (n + (1024 / 2)) / 1024; /* Round up or down */
85         index++;
86     }

```

```

88     u = &" \0K\0M\0G\0T\0P\0E\0"[index*2];

90     if (index == 0) {
91         (void) mdb_snprintf(buf, MDB_NICENUM_BUFLLEN, "%llu",
92             (u_longlong_t)n);
93     } else if (n < 10 && (num & (num - 1)) != 0) {
94         (void) mdb_snprintf(buf, MDB_NICENUM_BUFLLEN,
95             num, LULL << 10 * index, 2);
96         (void) strcat(buf, u);
97         strcat(buf, u);
98     } else if (n < 100 && (num & (num - 1)) != 0) {
99         (void) mdb_snprintf(buf, MDB_NICENUM_BUFLLEN,
100             num, LULL << 10 * index, 1);
101         (void) strcat(buf, u);
102         strcat(buf, u);
103     } else {
104         (void) mdb_snprintf(buf, MDB_NICENUM_BUFLLEN, "%llu%s",
105             (u_longlong_t)n, u);
106     }
107 }
unchanged_portion_omitted

```