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*****
3845 Tue Jan 15 10:41:08 2019
new/usr/src/lib/libfakekernel/common/printf.c
10099 libfakekernel vpanic() should cast away assfail()
*****
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27 */

29 #include <sys/param.h>
30 #include <sys/types.h>
31 #include <sys/varargs.h>
32 #include <sys/system.h>
33 #include <sys/cmn_err.h>
34 #include <sys/log.h>

36 #include <fakekernel.h>

38 void abort(void) __NORETURN;

40 char *volatile panicstr;
41 va_list panicargs;
42 char panicbuf[512];

44 volatile int aok;

46 static const int
47 ce_flags[CE_IGNORE] = { SL_NOTE, SL_NOTE, SL_WARN, SL_FATAL };
48 static const char
49 ce_prefix[CE_IGNORE][10] = { "", "NOTICE: ", "WARNING: ", "" };
50 static const char
51 ce_suffix[CE_IGNORE][2] = { "", "\n", "\n", "" };

54 /*
55  * This function is just a stub, exported NODIRECT so that
56  * consumers like fksmbd can provide their own.
57  * (One that actually prints the messages.)
58  *
59  * It's used by fakekernel_cprintf() below.
60  * The flags are SL_... from strlog.h
61  */

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```

62 /* ARGSUSED */
63 void
64 fakekernel_putlog(char *msg, size_t len, int flags)
65 {
66 }
_____unchanged_portion_omitted_____

103 /*
104  * "User-level crash dump", if you will.
105  */
106 void
107 vpanic(const char *fmt, va_list adx)
108 {
109     va_list tmpargs;

111     panicstr = (char *)fmt;
112     va_copy(panicargs, adx);

114     va_copy(tmpargs, adx);
115     fakekernel_cprintf(fmt, tmpargs, SL_FATAL, "fatal: ", "\n");

117     /* Call libc'assfail() so that mdb ::status works */
118     (void) vsnprintf(panicbuf, sizeof (panicbuf), fmt, adx);
119     (void) assfail(panicbuf, "(panic)", 0);
118     assfail(panicbuf, "(panic)", 0);

121     abort(); /* avoid "noreturn" warnings */
122 }
_____unchanged_portion_omitted_____

```