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*****
16381 Mon Jan 14 00:49:32 2013
new/usr/src/tools/cscope-fast/display.c
3471 cscope-fast writes constant strings when erroring
*****
1 /*
2  * CDDL HEADER START
3  *
4  * The contents of this file are subject to the terms of the
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18 * information: Portions Copyright [yyyy] [name of copyright owner]
19 *
20 * CDDL HEADER END
21 */
22 /*      Copyright (c) 1988 AT&T */
23 /*      All Rights Reserved */

26 /*
27  * Copyright 2004 Sun Microsystems, Inc. All rights reserved.
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29  */

31 #pragma ident      "%Z%M% %I%      %E% SMI"

31 /*
32  *      cscope - interactive C symbol cross-reference
33  *
34  *      display functions
35  */

37 #include "global.h"
38 #include "version.h"      /* FILEVERSION and FIXVERSION */
39 #include <curses.h>      /* COLS and LINES */
40 #include <setjmp.h>      /* jmp_buf */
41 #include <string.h>
42 #include <errno.h>

44 /* see if the function column should be displayed */
45 #define displayfcn()      (field <= ASSIGN)

47 #define MINCOLS 68      /* minimum columns for 3 digit Lines message numbers */

49 int      *displine;      /* screen line of displayed reference */
50 int      disprefs;      /* displayed references */
51 int      field;      /* input field */
52 unsigned fldcolumn;      /* input field column */
53 int      misprefs;      /* maximum displayed references */
54 int      selectlen;      /* selection number field length */
55 int      nextline;      /* next line to be shown */
56 int      topline = 1;      /* top line of page */
57 int      bottomline;      /* bottom line of page */
58 int      totallines;      /* total reference lines */
59 FILE      *refsfound;      /* references found file */

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60 FILE      *nonglobalrefs;      /* non-global references file */

62 static int      fldline;      /* input field line */
63 static int      subsystemlen;      /* OGS subsystem name display */
64      /* field length */
65 static int      booklen;      /* OGS book name display field length */
66 static int      filelen;      /* file name display field length */
67 static int      fcrlen;      /* function name display field length */
68 static jmp_buf env;      /* setjmp/longjmp buffer */
69 static int      lastdispline;      /* last displayed reference line */
70 static char      lastmsg[MSGLLEN + 1];      /* last message displayed */
71 static int      numlen;      /* line number display field length */
72 static char      depthstring[] = "Depth: ";
73 static char      helpstring[] = "Press the ? key for help";

76 typedef char *(*FP)();      /* pointer to function returning a character pointer */

78 static struct {
79     char      *text1;
80     char      *text2;
81     FP      findfcn;
82     enum {
83         EGREP,
84         REGCMP
85     } patterntype;
86 } fields[FIELDS + 1] = {
      _____
      unchanged_portion_omitted_
      _____

562 /* putmsg clears the message line and prints the message */

564 void
565 putmsg(char *msg)
566 {
567     if (incurses == NO) {
568         char *str = stralloc(msg);
569         *str = tolower(*str);
570         (void) fprintf(stderr, "cscope: %s\n", str);
571         (void) free(str);
572         *msg = tolower(*msg);
573         (void) fprintf(stderr, "cscope: %s\n", msg);
574     } else {
575         (void) move(MSGLINE, 0);
576         (void) clrtoeol();
577         (void) addstr(msg);
578         (void) refresh();
579     }
      _____
      unchanged_portion_omitted_
      _____

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