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Mon Dec 24 17:11:27 EST 1990

```
program Nam;  
  Uses fsearch, tedit, wind, crt, helpsyst;  
  type replay=(yes,no,abort);  
      list=^1;  
      l=record  
          ww1:mask;  
          w2:sttr;  
          ex:boolean;  
          link:list  
      end;  
  var q:replay;  
      name:sttr;  
      existstr,ask,load:boolean;  
      re,m,set_l,Curr_pick:integer;  
      co:array[1..maxpick] of boolean;  
      text:tx;  
      source:texx;  
      sequence:array[1..maxpick] of list;  
      Sym_Set:string[255];  
  procedure Init_nam;  
    var i:char;  
    begin  
      sym_set:='';  
      for i:=#0 to #255 do  
        sym_set:=sym_set+i;  
      set_l:=256;  
      load:=false;  
      ask:=false;  
      re:=1;  
      Curr_pick:=1;  
      new_window(70,16,4,3,editor_label,lightblue,lightred,magenta,'Text Ed  
r');  
    end;  
  end;
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new_window(70,4,4,19,Watch_Label,lightblue,lightred,magenta, 'Watch');

new_window(30,7,15,6,compile_label,green,0,0, 'Compile');
name:= 'Default',name;
end;
procedure pause(y,c:integer);
var level:integer;
begin
level:=currwindow^.level;
new_window(75,3,2,y,ask_label1,c,4,5, '');
backk(red);
setcolor(lightblue);
gxy(32,1);
backk(green);
wrstr('Press any Key');
open_window;
repeat
until keypressed;
delete_window;
go_window(level);
end;
function menu(x,y,Ed:integer;q1,q2:sttr):integer;
var
f1,f2:chichar;
c1,c2,cc1,cc2,ccc1,ccc2,t,v,l:integer;
qq1,qq2:sttr;
done:boolean;
begin
l:=currwindow^.level;
f1:=q1[1];
f2:=q2[1];
qq1:=q1;
qq2:=q2;
delete(qq1,1,1);
delete(qq2,1,1);
c1:=magenta;
c2:=cd;
cc1:=lightred;
cc2:=yellow;
ccc1:=yellow;
ccc2:=yellow;
new_window(5+length(q1)+length(q2),3,x,y,Ask_label2,cd,5,8, 'Menu: ');
open_window;
done:=false;
ch:=#1;
v:=0;
setcolor(green);
repeat
case ch of
#27: begin
menu:=-1;
done:=true;
end;
#13: begin
menu:=v;
done:=true;
end;
#0 : begin
ch:=readkey;
if (ch=#75) or (ch=#77) then
begin
v:=1-v;
t:=c1;
c1:=c2;
c2:=t;
t:=cc1;
cc1:=cc2;
cc2:=t;

t:=ccc1;
ccc1:=ccc2;
ccc2:=t;
end;
end;
if not done then begin
gxy(1,1);
backk(cd);
wr(' ');
backk(c1);
setcolor(cc1);
wr(f1);
setcolor(ccc1);
wrstr(qq1);
backk(cd);
wr(' ');
backk(c2);
setcolor(cc2);
wr(f2);
setcolor(ccc2);
wrstr(qq2);
ch:=readkey;
end
until done;
delete_window;
go_window(l)
end;
function Transparant(x,y:integer;s:sttr):replay;
var l,t:integer;
begin
l:=currwindow^.level;
new_window(length(s)+2,3,x,y,ask_label1,white,lightblue,lightred,
'swer');
open_window;
setcolor(green);
backk(white);
wrstr(s);
t:=menu(x+2,y+3,green, 'Yes', 'No ');

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-- ut:444/76 a 2.10 justch label.lightblue,lightred,magenta,'Watch')
go_window(ask_label1);
delete_window;
go_window(1);
case t of
  0:transparant:=yes;
  1:transparant:=no;
  else transparant:=abort end
end;
procedure ed;
var rep:char;
begin
  go_window(Editor_label);
  open_window;
  rep:=te(text,true,false,false,editor_label);
  Close_window;
end;
Procedure Fname(x,y:integer);
begin
  get_string(x,y,tmp_over_edit,File_name_len,Name);
  init_text(text,Name,false);
  ( go_window(ask_label1);
    delete_window; )
end;
procedure fileload;
begin
  load_text(name,text,maxint);
  load:=true;
end;

end;
procedure Editor;
var ans:char;
begin
  if load then
    ed
  else
    Fname(19,18);
    fileload;
    ed
  end;
end;
procedure file_load;
var re,cu:integer;
qu:boolean;
begin
  qu:=false;
  cu:=1;
  repeat
    re:=Hmenu(15,15,3,6,cu,cyan,'Load Name Pick Write Dos
uit ',true,false,1);
    case re of
      1:begin
        fname(18,19);
        fileload;
        ed;
      end;
      2:begin
        get_string(17,18,Tmp_under_edit,file_name_len,Name);
        text.Fil:=name;
        end;
      3,4,5:error_message('There is no this topic in current Vers
(1.01).Sorry.',1);
      6:begin
        qu:=true;
        go_window(Menu_label);
        delete_window
      end
    end;
  until qu
end;
procedure Compiler;
var a,next:list;
first:ln1;
tmp:str;
c,n,len:integer;
exi:boolean;
q:replay;
function Myword(x:s__s;ch1,ch2:char):str;
var i:1..base_length;
f:str;
begin
  f:='';
  while (x[c]=' ') or (x[c]='>') do c:=c+1;
  len:=0;
  while (x[c]<>ch1) and (x[c]<>ch2) and (c<=base_length) do
  begin
    f:=f+x[c];
    c:=c+1;
    len:=len+1
  end;
  exi:=(x[c]='~');
  Myword:=f
end;
function leftword(x:s__s):string;
begin
  leftword:=Myword(x,' ','>')
end;

end;
function rightword(x:s__s):string;
begin
  rightword:=Myword(x,' ','~');
end;

begin
  go_window(Compile_label);
  gxy(6,1);
  open_window;
  backk(green);
  setcolor(black);

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wstr('Lines Compiled:');
gxy(5,2);
wstr('In File '+Name);
gxy(3,3);
str(Curr_Pick,tmp);
wstr('Pick number is '+tmp);
setcolor(lightred);
first:=text,screentop;
new(a);
sequence[Curr_pick]:=a;
n:=0;
while first<>nil do
  first:=first^.pred;
  while first<>nil do
    begin
      ci:=1;
      with a^ do
        begin
          wwl.txt:=leftword(first^.cont^.line);
          wwl.len:=len;
          w2:=rightword(first^.cont^.line);
          exit;
          new(next);
          link:=next;
          first:=first^.next;
          link:=a;
          Fcompile(wwl);
          gxy(11,4);
          n:=n+1;
          str(n,tmp);
          wstr(tmp);
          delay(1000);
        end;
      a:=next;
    end;
  repeat
    a^.link:=nil;
    colcurr_pick:=true;
    q:=transparent(30,10,'Continue?');
    until q=yes;
  close_window;
end;
procedure Run;
var n:integer;
re:replay;
current:list;
en:boolean;
procedure Run_process;
procedure readstring;
begin
  new_window(77,1,12,15,lightcyan,lightmagenta,lightmagenta,
rce String,please');
  get_string(2,14,16,70,source.txt);
  existstr:=true

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end;
begin
  if not Existstr then readstring;
  if not colcurr_pick then compile;
  go_window(compile_label);
  cls;
  gxy(5,1);
  wstr('Run program');
  gxy(1,3);
  n:=0;
  wstr('Substitutions done:');
  current:=sequence[curr_pick];
  en:=false;
  while (current<>nil) and (not en) do
    begin
      re:=change(source,current^.wwl,current^.w2);
      case re of
        ok:current:=sequence[curr_pick];
        nofind:current:=current^.link;
        toolong:begin
          error_message('Line Too Long!');
          en:=true;
        end;
      end;
      n:=n+1;
      str(n,tmp);
      gxy(7,4);
      wstr(tmp);
    end;
  end;
  var re,ask:integer;
  begin
    re:=1;
    repeat
      ask:=hmenu(45,15,Menu_label,5,re,cyan,'Run Build Debug
set Quit ',true,false,1);
      case ask of
        1:Run_process;
        2,3,4,5:error_message('There is no those topic in ver
n 1.01',1);
        6:begin
          go_window(menu_label);
          delete_window;
        end;
      end;
      re:=ask;
    until ask=5;
  end;
  procedure quit;
  begin
    new_window(75,17,3,3,tmp_over_edit,lightgreen,lightblue,lightre
What a pity!');
    open_window;
    gxy(34,4);
    backk(lightgreen);
    setcolor(lightmagenta);
    wstr('Good Bye...');
    case transparent(18,10,'Are You Sure?') of

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yes: begin
    delete_window;
    ask:=true
end;
no,abort:begin
    gxy(33,4);
    backk(lightgreen);

    setcolor(red);
    wrstr('That's right!');
    delay(1000);
    delete_window;
end
end; (quit)
begin (MAIN)
    init_windows;
    init_help;
    set_window(1);
    new_window(50,10,10,5,3,lightblue,8,9,'Meet You');
    gxy(2,2);
    backk(lightblue);
    setcolor(green);
    wrstr('Produced by');
    gxy(4,4);
    backk(green);
    setcolor(black);
    wrstr('    '1994Corp' & 'KIRR' v.1.01');
    gxy(4,5);
    wrstr('');
    gxy(4,6);
    wrstr('    Danilo and Bog-danov 12.12.90.B.c');
    gxy(4,7);
    wrstr('    All rights reserved');
    backk(white);
    open_window;
    New_window(45,10,20,10,4,cyan,4,7,'Meet You');
    open_window;
    gxy(5,2);
    backk(CYAN);
    setcolor(black);
    wrstr('Normal Markov's Algoritm Interpreter');
    gxy(10,3);
    setcolor(white);
    wrstr('Professional version 1.01');
    pause(18,green);
    delete_window;
    go_window(3);
    q:=transparant(30,15,'Run the process?');
    case q of
        no,abort: halt(33)
    end;
    delete_window;
    setcolor(red);backk(green);
    init_nam;
    repeat
        m:=hmenu(5,12,gl_menu_label,7,re,cyan,'Help    File    Set    Edit
pile RunNam Quit    ',true,true,1);
        case m of
            1:help(1);
            2:File_load;
            3:error_message('There is no Symbol_Table Setting in this Version (1
).Sorry.',1);
            4:begin
                Editor;
            end;
            5: compiler;
            6: Run;
            7: quit;
        end;
        re:=m
    until ask;
end.

```