

Speichern von Daten

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unit Unit1;
interface
uses
  Windows, Messages, SysUtils, Classes,
  Graphics, Controls, Forms, Dialogs,
  Buttons, StdCtrls, Menus;

type
  datensatz=record s1,s2,s3,s4,s5:string[30];
end;

TForm1 = class(TForm)
  Edit1: TEdit;
  Edit2: TEdit;
  Edit3: TEdit;
  Edit4: TEdit;
  Edit5: TEdit;
  Label1: TLabel;
  MainMenu: TMainMenu;
  Datensatz1: TMenuItem;
  Anfang1: TMenuItem;
  Einszurck1: TMenuItem;
  Einsvor1: TMenuItem;
  Endel: TMenuItem;
  Speichern1: TMenuItem;
  procedure FormCreate(Sender: TObject);
  procedure Anfang1Click(Sender: TObject);
  procedure Einszurck1Click(Sender:
TObject);
  procedure Einsvor1Click(Sender: TObject);
  procedure EndelClick(Sender: TObject);
  procedure daten_lesen(i:integer);
  procedure Speichern1Click(Sender:
TObject);

  private
    { Private-Deklarationen }
  public
    { Public-Deklarationen }
  end;
var
  Form1: TForm1;
  daten:datensatz;
  dat1:file of datensatz;
  i,wert:integer;
implementation

{$R *.DFM}

procedure TForm1.daten_lesen(i:integer);
begin
  if fileexists('test.dat') then reset(dat1)
  else rewrite(dat1);
  if filesize(dat1)>0 then begin seek(dat1,i-
  1);
  read(dat1,daten);
  edit1.text:=daten.s1;
  edit2.text:=daten.s2;
  edit3.text:=daten.s3;
  edit4.text:=daten.s4;
  edit5.text:=daten.s5;

  wert:=filesize(dat1);
  closefile(dat1);
  label1.caption:='Datensatz
'+inttostr(i)+'/'+inttostr(wert);

  end; end;

procedure TForm1.FormCreate(Sender: TObject);
begin
  i:=0;
  assignfile(dat1,'test.dat');
  daten_lesen(1);
end;

procedure TForm1.Anfang1Click(Sender:
TObject);
begin
  i:=1; daten_lesen(i);
end;

procedure TForm1.Einszurck1Click(Sender:
TObject);
begin
  if i>=2 then dec(i);
  daten_lesen(i);
end;

procedure TForm1.Einsvor1Click(Sender:
TObject);
begin
  reset(dat1); wert:=filesize(dat1);
  closefile(dat1);
  if i<wert then inc(i);
  daten_lesen(i);
end;

procedure TForm1.EndelClick(Sender: TObject);
begin
  reset(dat1); i:=filesize(dat1);
  closefile(dat1);
  daten_lesen(i);
end;

procedure TForm1.Speichern1Click(Sender:
TObject);
begin
  reset(dat1);
  seek(dat1,filesize(dat1));
  daten.s1:=edit1.text;
  daten.s2:=edit2.text;
  daten.s3:=edit3.text;
  daten.s4:=edit4.text;
  daten.s5:=edit5.text;
  write(dat1,daten);
  i:=filesize(dat1);
  closefile(dat1);
  daten_lesen(i);
end;
end.

```